

# David Arendale's 2012 Guide to iPad Apps®



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## Introduction

This document provides an overview of the iPads apps I have found useful as an educator and in my personal life. Most of the apps were free, some cost a dollar or two. Only a few cost \$9.99. Many thanks to my colleagues in my home academic department of Postsecondary Teaching and Learning as well as the College of Education and Human Development staff within the Office of Information Technology. I received good recommendations from them reflected in this document as well.

A number of the apps featured in this guide were initially designed for the iPhone or iPod. They can also be used on an iPad. Just be sure to click the “2x” button in the lower right-hand corner of the iPad screen when the app is activated. The screen will then zoom to filled by the app. While not optimized for the iPad screen, I find that all that I use work and look fine. If you own an iPad, iPhone, and iPod, the apps designed for the smaller screen of the iPhone and iPod will download to your devices after you have synced the iPhone or iPod to the computer that has the iTunes account managing them. After I sync one of those devices above that downloaded the app, it will then (usually) also download to the other devices without additional cost. However, iPad optimized apps cannot be displayed on the smaller screens of the iPhone or iPod. A few of the apps described in this guide only work on the iPad2 (example, FaceTime, iMovie) since they require the camera or other enhanced functions.

There are four features of the Apple iPad I find compelling in comparison with other desktop or laptop computers:

- Due to its slim design and modest weight, **mobility** is a key feature. I carry around the home and use in different places. Rather than feeling burdened by its constant connection to the Internet through WI-FI, I use it frequently as a resource to enhance other parts of my life.
- For me, the **touch screen** with the iPad is an enjoyable way to interact with the device. This tactile interaction with the iPad is different from use of a traditional keyboard and a mouse.
- Ease and enjoyment of reading has been increased since I can use the touch screen easily with my fingers to enlarge the image or text to **increase readability** and focus attention. While the pinch and zoom feature is not available through all apps, nearly all of them allow easy increase or decrease of text size.
- **The apps.** With over 300,000 to select from, there is an app for everything. While creating an app requires great skill, it has opened opportunities for many more software designers to share their applications for free or very modest cost. The app store through Apple provides a very democratic way for people to widely share their work with others.

There are many ways to organize an overview like this of favorite apps. I am thankful Apple came out with the ability to create file folders on the iPad to help organize them into categories. If you have learned this yet, simply after making all the apps wiggle by holding down on one of the app button until they all begin to “wiggle”, you can use your finger to move an app from one page to another. You can create a folder by dragging

one app on top of another. The iPad will try to guess the name of the category for the folder. Usually the suggested name is too general (*“utilities” and “productivity” seem to be frequent default names*). I press my finger just behind the suggested name for the file folder, the keyboard activates, and the cursor now appears at the end of the name. I erase that name and choose another more descriptive. Remember to keep the category name short since it only displays about 10 characters. One of the challenges with the file folders is that there will not be an icon image on top of it. The only way to identify them is through reading the small print title for the file folder. The folders I created are reflected throughout this handout.

I grouped by file folders by the pages available on the iPad. Each file folder can hold 20 apps. Each page on the iPad can hold a combination of 20 individual apps and folders. The iPad provides up to 11 pages. If all the apps were placed into file folders, you could download more than 4,400 apps (for some reason I think the actual total is limited to about 2,000). Plus the six you can place in the dock at the bottom of the iPad screen. I don't think you could download that many. I have downloaded about 330 and used nearly 10 gigabytes of the memory. Since I have an iPad with the least memory (16 GB), there is not much space to download a great deal of music, movies, or TV shows. That is okay since it is possible to stream audio and video content from a computer via WI-FI if you install the right app (*these are described later in this document*) or use “Home Sharing”, a new feature from the updated iPad operating system (4.3 or higher). You may want to note app memory size in the App Store description. You can also monitor the space used on the iPad through the “Settings” app. Sometimes I deactivate an app through my laptop which I sync to provide more room for additional apps.

In addition, I organize them into different pages of my iPad based on common functions or the frequency I use them. For a few favorite apps I use frequently, I do not place them inside a file folder to make it easier to use. I also bookmark a few favorite web sites and make them into an app icon rather than saving them to the traditional bookmark folder within the web browser. Sometimes the iPad versions of web sites such as news sources (*e.g., New York Times, Fox News, and NPR*) do not try to provide all the content of the web site. With the ability to enlarge the screen text, I sometimes go to the actual web site instead. I place this shortcut button to the web site next to the icon for the iPad version of the web site.

***Following is the way I have arranged the iPad apps on my personal iPad. Each section occupies one page on the iPad through use of the iPad folders to store up to 20 apps for each. Enjoy.***

## I. Frequently Used Apps

1. **Individual Apps on the home screen.** These are ones I either frequently use or want quick access to by me or if my iPad is found/used by another.

- a. **My Info:** provides contact information and means to return the iPad if lost or stolen
- b. **Emergency:** personal medical information and contact numbers
- c. **Settings:** preinstalled app.
- d. **BatteryPro:** Provides breakdown on time left for standby, music listening, video viewing
- e. **My Eyes Only.** The app provides a super secure system for storing sensitive information such as passwords, financial numbers, and the rest. It can be backed up to a desktop computer with purchase of additional software. This is a must purchase if you use a variety of passwords and also want to safeguard financial information such as credit cards, etc.
- f. **Attendance.** This \$5 app was created by an educator to primarily easily collect attendance from his classes. It permits importing student data in CSV format and can be used for a wide variety of class management tasks. Data is housed through “Dropbox” and then linked to the app.
- g. **Reminders.** This app provided through the new updated iOS 5.0 presents a pop-up window to remind me of events from my calendar on the home screen.

### 2. Dock at Bottom of the Screen

- a. **Calendar:** preinstalled app. Mine is connected with my Google calendar
- b. **Mail:** preinstalled app. Connected with my various Google email accounts.
- c. **Music** (*formerly named iPod*): preinstalled app. Used to manage my music and podcasts.
- d. **Safari:** the default web browser. There are several other options described elsewhere in this handout.
- e. **Things:** Task organizer and due date reminder. \$10 app, there are less expensive ones that are close in utility. I chose it since I also use the same software program on my iPhone and Apple Laptop computer. They can be linked and kept current. They are beta testing a cloud-based service for easy syncing among all devices with Things software installed. Some people are experimenting with placing the data in “Dropbox” or other existing free cloud web sources, but with some risk.
- f. **FaceTime** (iPad 2 only, preinstalled): This app permits video conferencing with others that have an iPhone 4 or higher, an iPad 2, and people that have downloaded the FaceTime app for their Apple MacBooks or desktops Macs (both have built-in video cameras).

### 3. Social Media and Communication Folder

Most apps in this category have been optimized for easier use on the iPad.

- a. **textPlus:** Free text messages.

- b. **Contacts.** Preinstalled app for managing your telephone and email contacts. I have synced this app to my Google contacts for automatic updating.
- c. **Skype:** Internet telephone.
- d. **Vlingo.** Collection of several free and paid services to respond to your voice commands. Following your spoken words, it can search the Internet, locate places on a map, and make updates to your Twitter and Facebook accounts. A one-time payment provides unlimited text messages and emails to people listed in your iPad “Contacts” account. There is sometimes difficulty with the app selecting the correct person for the text and email messages. Some practice will improve the reliability. This app also works on the iPhone. Quite nice.
- e. **Foursquare:** Permits “checking-in” at a geographical location. Points earned for frequent check-ins, and other mindless diversions.
- f. **Facebook:** Second only to breathing for some (*maybe first*).
- g. **LinkedIn:** A professional social media channel with ability to subscribe to topical conversations. Often used for job networking and job finding.
- h. **TweetDeck: Highly recommend downloading if interested in Twitter since it permits following multiple conversations based on key words you select.** Obviously a version available for even better viewing on a computer.
- i. **Whirl:** Beats me.
- j. **Jolt:** Another social media diversion.
- k. **Loopt:** Lets other people track (stalk) you throughout your day. Charming.
- l. **Game Center:** Permits gamers to link with others online for multiple person competition rather than only competing against the computer program.

#### 4. Apple Store Folder

- a. **App Store:** Apple issued app to download new apps. I visit the site every night to see what is on the “top list” of most popular apps. There are two columns, on the left are the top paid and on the right are the free ones. At the bottom are the top grossing paid apps. I also click on the “categories” tap and search for apps by area of interest. Unfortunately, searching is difficult. The list can be organized by most recently posted or the highest rated. With more than 500,000 apps to choose from, some of these categories have an enormous number to select from. To make it easier to stay current, I check the “top” list nightly and also consult the following apps (*some paid, some free*) for recommendations for apps. I am heavily influenced by the comments made by users of the apps and their ratings. The more that have reviewed the apps, the more reliable I find their advice. When reading the reviews, click the button in the upper right to display reviews for the current version and also for previous versions of the app. Nearly all apps are constantly improving and issues free updates. Criticisms of previous versions of the app are often fixed; therefore I give more weight to the most recent reviews.

- b. **AppDeals:** All four of these similar apps provide announcements and recommendations regarding apps. *Buyer beware:* some of these apps may feature apps that have paid a promotional fee to publicize them.
- c. **AppAdvice:** Similar to above.
- d. **AppShopper:** Similar to above.
- e. **App Tracker:** Similar to above.
- f. **APP Start:** Similar to above.
- g. **Apple Store:** preinstalled app. Link to the official Apple online store to purchase software and hardware for the iPad, MacBook laptop, and other Apple devices.
- h. **iTunes Store:** preinstalled app for purchasing TV shows, movies, and music. You can also subscribe to free audio and video podcasts. After these are loaded, they are played through the **iPod** app.

## 5. Writing Folder

- a. **Pages:** Apple's version of Word. It has the essential functions from the fully functional version for the laptop or desktop. It also comes with several document templates to make document creation easier. The Bluetooth wireless keyboard is about \$60 and makes typing much easier than using the iPad touchpad.
- b. **QuickOffice:** Version of Microsoft Office with word processor, spreadsheet, and presentation display. Pricy at \$15 but less expensive than \$30 for equivalent trio of apps from Apple (Pages, Numbers, Keynote).
- c. **JotNot.** (iPad2 only). Handy app allows you to take pictures of white boards, flip charts, etc. and share as PDF documents.
- d. **Sundry Notes:** Many of these apps promote easy use for collecting media (photos, scans, web pages, typed notes) in one place.
- e. **Evernote:** Said to be most commonly used app by students for note taking. Like several other apps, it also has a feature for audio recording in addition to serving as an app for note taking.
- f. **Catch Notes:** Similar to the above.
- g. **Springpad:**
- h. **Idea Sketch:** Mind map drawing program
- i. **Popplet:** Cross between mind map drawing program with ability to attach photographs and images. The app will display through video projector for iPad, version one.
- j. **Penultimate:** Create hand-drawn notebook of notes that can be emailed. I purchased a special stylus for the iPad. One is about \$15 and another is a three-pack for about the same amount of money.
- k. **Notability.** One of the better apps for taking notes by printing with finder or (better yet) with a special rubber-tipped stylus. I think it is one of the best for hand-drawn notes.
- l. **Draw Pad.** Another app for writing notes free hand or with a stylus.
- m. **Notes:** preinstalled app for note-taking. These can be synced with the computer you use to backup and download apps.

## 6. Presentation Folder

For the first version of the iPad, there were limited number of apps that would display (*or mirror*) themselves with an external video projector or a flat screen television. The following will allow themselves to be projected. With iPad2, all apps will now project via an external video projector or flat screen TV. You need to purchase a \$29 cable adapter to plug into VGA cable for most video projectors. A different \$35 cable is needed to plug into HDMI input for most flat screen televisions.

- a. **Keynote**: Apple's version of PowerPoint. Requires user to physically swipe the screen to move from slide to slide. No app yet to remotely control the iPad version.
- b. **Keynote Remote**: Apple's official remote control for Keynote on a Mac Book laptop. When iPad held in horizontal mode, displays current and upcoming slide. Held vertically uses bottom one-half of the screen to display notes for individual slides in large print and can easily scroll them. A careful partial swipe of the slide reveals the next slide.
- c. **YouTube**: Described more detailed later, the app will display any video that is NOT in the Flash format. Most of videos in YouTube are in Flash format since their file size is smaller and download more quickly. The iPad does not display YouTube videos in that format. Be sure to check ahead the YouTube video will play on your iPad.
- d. **Connect**. This app permits easy connection with Adobe Connect software to view and participate with interactive web presentations.
- e. **Expedition**: Web browser with VGA output. It works for me, but seems very slow due to the complex work the software has to perform. I suggest saving the web sites you want to display with the bookmark folder in **Expedition** to save time.
- f. **Whiteboard+**: The paid version permits projection of the whiteboard contents and can email the screen.
- g. **Popplet**: Described earlier under "writing" file folder.
- h. **Perfect Browser**. Another web browser that can be displayed. With iPad 2 or higher, there is little reason to purchase any of these apps since the tablet now projects everything that appears on the screen. These are most useful for iPad version one. Many of the following browsers have some challenges with display, including **Expedition** listed above. It is recommended to extensively practice with these apps using the video projection system privately before doing so in class to avoid surprises.
- i. **Presenter**. Same as above.
- j. **Twin Screens**. Same as above.
- k. **2Screens**. Same as above.
- l. **Web2VGA**. Same as above.
- m. **Web Projector**. Same as above.
- n. **Web Show+VGA Out**. Same as above.
- o. **GoodReader**. The app permits video display through a projection system of the documents downloaded to it. Described more in "reader" file folder.
- p. **Box.net**. This is another cloud document storage service. It operates much as the popular Dropbox. See later description of it. A new feature is VGA display of documents stored on Box.net.
- q. **Prezi Viewer**. Permits display of Prezi presentations already created.

## 7. Reading

- a. **GoodReader**: Easiest of the PDF readers that allows highlighting and embedded notes. This one allows user to download the document to the iPad, annotate the original, or make a copy of the original to annotate. The documents can also be displayed on a video projection system. Another feature of the app is creation of file folders to organize.
- b. **iAnnotate PDF**: Has the most features of any similar apps, but learning curve higher. Also higher price than the rest.
- c. **Side by Side**: Permits reading of two articles at the same time.
- d. **Noterize**: Same functions as GoodReader for permitting annotation of reading material. This app also allows annotation of slide shows.
- e. **Flipboard**: Described in more detail later, Flipboard makes reading Facebook postings, Twitter messages, and others similar to reading a magazine.
- f. **Google Currents**: Described in more detail later. Similar to Flipboard.

## 8. Weather

- a. **Weather bug**: My favorite of the weather apps due to its simplicity. Upon start up, it immediately displays a large weather map and along the right-side column the current temp/humidity/wind direction and speed. Below this module a seven day forecast. The bottom module displays an hourly forecast for temperature, chance of precipitation, and other.
- b. **The Weather Channel**: From the Weather Channel, it provides the aforementioned features plus video forecasts by weather professionals.
- c. **AccuWeather**: Five-day forecast.
- d. **Fox Channel 9 (MN TV station) Weather**. Appears similar in appearance to Weather bug described above. Customized for the Twin Cities area.

## 9. Health

- a. **Lose It!** Easy way to manage health plan to lose weight, estimate calorie consumption through exercise, calories in food, and sends weekly report on progress.
- b. **Diabetes Log**: Record information related to diabetes self-management.
- c. **RateMyMD.com: Website bookmarklet**: Makes it easy for me to post comments about my medical doctors. I notice most people who post generally complain a lot. Fair and balanced is better.
- d. **Fooducate**: (iPad2 only). Use camera to take picture of bar code on food product. App compares with database and presents health information about the food item.
- e. **Men's Health**: Read a limited number of free articles from the print edition
- f. **WebMD**: Very nice and useful.
- g. **Walgreen's**. The multipurpose app permits easy reorder for prescriptions and printing of digital photographs.

## 10. Cloud Data Storage and Transfer Folder

- a. **Dropbox: A personal favorite**. It comes free with 2 gigabytes of storage. If people you refer to the service use your code when they join, you get an

extra 250 megabytes of free space. Additional space can be purchased with a monthly fee. Nice feature of Dropbox is that more apps are now automatically recognizing it as a source of files you may want to use. For example, GoodReader lists it on a dropdown menu.

- b. **Box.net:** Similar to Dropbox with larger file storage. New feature is ability to use video projector through VGA out to display files in Box.net.
  - c. **iDisk:** If you have an Apple ME account, you have the potential for 20 gigabytes of online space. However, it is about \$100 yearly with many other features. Rumor mill reports that Apple may start offering free limited cloud storage in near future.
  - d. **Air Sharing:** One of the first apps for getting documents into and out of the iPad. Fairly costly as apps go.
  - e. **SugarSync:** My preferred way of syncing all my files among all devices for use at work or home. Permits real-time syncing and backup of your computer data files. You can direct which files and folders to sync to each of your computer devices (e.g., laptop, desktop, smartphone, iPad). You decide which files or folders are private and which shared with all or through password protection. While Dropbox and others require accessing the files from online storage, SugarSync permits you to automatically download the files to your devices or access them from any computer through an Internet connection. The 5 gigabyte for syncing two computers is free. Connections with all your devices are permitted with the paid plans: 30 GB \$4.99/month or \$49.99/year; 60 GB \$9.99/month or \$99.99/year; 100 GB \$14.99/month or \$149.99/year; 250 GB \$24.99/month or \$249.99/year.
  - f. **USB Disk:** This is the method of transferring documents back and forth between the iPad and the home computer.
  - g. **Mendeley.** The free app provides access to research summaries of articles and other resources, online or not. It can export a bibliography of selected references in APA format. Gives competition to the expensive EndNote software.
11. **Web Pages** These are a mix of apps to permit remote viewing and sometimes control of your desktop computer. Several are supposed to allow you to print from your iPad via WI-FI to a printer connected to your WI-FI and desktop computer. I suggest avoiding them. Save up \$100 and buy one of the new HP printers that connect with the iPad through local WI-FI.)
- a. **Terra:** Web browser with tabs, full screen display, and ability to store web pages offline
  - b. **TeamViewer:** Permits remote viewing and control of another computer if it is on and has downloaded a software program. Does not transmit sound of media played on the other computer, so not a work-around for playing Flash on the iPad.
  - c. **Splashtop Remote:** Similar to TeamViewer above.
  - d. **Google search engine.** The same functionality as the search box on the web browser (assuming you are still using Google as the search engine. You now have a choice on Safari among several other choices).
  - e. **Bing search engine.** Bing is another web search engine.

- f. **Opera Mini:** Basic web browser with reduced functions to make accessing faster in comparison with others.
- g. **Speedtest:** Calculates your Internet connect speed for uploads and downloads.
- h. **Printing for iPad Printer Test.** Free app to demonstrate ability to print using documents preinstalled in the app. Then it refers you to buy the “real” app. This app actually prints sample docs it comes with.
- i. **Printing for iPad.** This is the app you purchase based on the successful test above. Requires advanced degree in computer programming and electrical engineering to (maybe) work. I think these apps work (*not all the reviews are horrible*), but I am not patient enough to work through all the documentation. It is just easier to email documents to myself and print on a computer connected to a printer.
- j. **Print Magic HQ.** Nothing much magic about it.
- k. **PrintCentral.** Most highly rated and expensive app for printing.
- l. **Square Space.** An app permits me to easily monitor and update my personal web page maintained through <http://squarespace.com> Using SquareSpace for hosting web pages is a fee-based service.

## II. Reading Content

1. **World News Folder** (See separate Newsstand folder below for other international and national newspapers.)
  - a. **WPapers**: Access to English and foreign-language newspapers from around the world. Easy to search by continent and country.
  - b. **NewsShare**: English and national language newspapers from around the world.
  - c. **China Digest**: China only. Example of an app that presents great content but does not allow easy enlargement of the text.
  - d. **France24**: Based in France, a combination of national/international news with a French or European perspective. Both text and video. Nice 10-minute video world news review.
  - e. **Al Jazeera Television**: Life stream video of the Al Jazeera television network. Presents world and regional news from an Arab perspective. Most watched television network in the Middle East and growing viewership by a wider world-wide audience. **A personal favorite.**
  - f. **BBC News**: In addition to the text, can listen to the live broadcast of one of the BBC radio stations. **A personal favorite.**
  - g. **Eyewitness**: From the *Guardian Newspaper* in England, it is a daily photo from a highly skilled photojournalist. Each entry provides a short back-story on the image and the means used to photograph it. **Highly recommend.**
  - h. **News Pro**: International news through Reuters.
  - i. **The Economist**: Highly respected international news publication.
  - j. **Asahi Japan Watch**: Newspaper focused on news from Japan and Southeast Asia.
  - k. **Times London**: United Kingdom
  - l. **RIANOVOSTI News**: Text and video news from Russia.
  - m. **NHK World**. Video news from Japan covering Southeast Asia and the world.
2. **Newsstand Folder** (automatically aggregates your online newspapers. This came with the new iOS 5.0 software. You are unable to move the individual subscriptions elsewhere in your iPad. Some iPad users upset with this.)
  - a. **NYTimes**: Limited access to some sections of the newspaper. At some point this will become a paid service for some or all content. When registering the app, I suggest you also permit them to send a daily email with links to articles available online.
  - b. **International Herald Tribune**: United Kingdom
  - c. **Congleton**: Daily newspaper from England.
3. **National Print News Folder** (See separate Newsstand folder above for other international and national newspapers.)
  - a. **The Daily**. Launched in early February by the Murdoch Corporation, this is the first iPad only newspaper and magazine. It combines the best of

traditional print journalism with integrated photographs and video clips. Cost 99 cents weekly or \$39.99 annually.

- b. **Department of Defense:** Read text and watch video of news and other programming found on the Pentagon cable channel and access some of their podcasts.
  - c. **USA Today:** Text only. Organized like the newspaper version in the four sections.
  - d. **Fox News:** This is a bookmarklet for quick access to the web version of the Fox News web page. I also have the iPad app for Fox News in another section for “national TV news”.
  - e. **Washington Post Newspaper:** National and international news.
  - f. **AP Mobile:** Associated Press news.
  - g. **Fluent News:** Aggregates national news from a variety of national media outlets.
  - h. **Newsy:** Video newscasts. Unique feature is ability to download the transcript of the news and also included the actual sources for the news reports.
  - i. **DrudgeReport:** Commentary and news analysis.
  - j. **SkyGrid:** Assorted national news sources. Can designate topic areas to request future news articles.
  - k. **News360:** This app serves as an aggregator of news from a wide variety of sources.
4. **National Radio and TV News Folder** [I created this file folder since I could not fit all these into the previous “national news” category due to space limitations of 20 per file folder.]
- a. **ABC News:** Text and video.
  - b. **CBS News:** Text and video.
  - c. **NBC Nightly News:** Text and video.
  - d. **CNN:** Text and video
  - e. **Fox News:** Fair and balanced.
  - f. **Fair News:** More entertainment news oriented video.
  - g. **TV News:** Lots of video playbacks of network and cable news programs.
  - h. **NPR:** In addition to text news, can listen to a five-minute hourly news update and select among the radio programs. A unique feature is selecting which segments from the radio program to listen to by creating your own custom playlist. Station locator allows you to select the PBS radio station to listen. Look for an additional app named **NPR Music** that has the same functionality, but focused on music exclusively.

## 5. National Magazines

- a. **Time:** This is different from the app to pay money to read the latest edition of Time Magazine. This app presents national and international news categorized in different topics. When registering the app, I suggest you also agree to let Time send you a daily email with links to top news stories. These can also be emailed as well as forwarded to Twitter and Facebook with your comments.

- b. **Flipboard:** Magazine-like reading of Facebook, Twitter, and other media. Automatically opens up the web links contained in the FB and Twitter posts to read the article. *Top award winner and must have.*
  - c. **Google Currents:** Similar to Flipboard.
  - d. **Zite News:** Much like News360 above, however, it also can learn what you value by examining your Google Reader, Twitter, and Facebook accounts.
  - e. **Zinio:** Samples of online publications that often require payment for viewing.
  - f. **The Onion.** Odd news and articles.
  - g. **AARP Bulletin.** Based on the monthly AARP print edition, provides news of interest for older people.
  - h. **Chronicle of Higher Education.** This app is optimized for the iPad to present the online version of this publication that covers news for postsecondary education in the United States with some coverage in other countries. Complete access to all content of the publication is limited to paid subscribers.
  - i. **Inside Higher Education.** Similar to the Chronicle of Higher Education.
  - j. **Pulse News:** RSS feed collector of news stories based on personal topic selections by the reader.
  - k. **NewsRack:** Aggregate your RSS feeds you already subscribe to and permit easier reading. I think you can do the same if not better through **Flipboard** described earlier.
  - l. **NetNewsWire:** Similar to NewsRack.
6. **Local News Folder** [Some are of interest to me since I live in the Twin Cities. No doubt apps are available for your local media market.]
- a. **Fox9 News:** Twin Cities news. Read text stories with iPad vertical, watch videos of broadcast news when in the horizontal position. As described earlier, Fox9 also has a separate weather app for the Twin Cities area.
  - b. **KARE-TV:** Read text stories for the Twin Cities.
  - c. **Pioneer Press:** Text and video news stories for the Twin Cities.
  - d. **KSTP Channel 5:** Text and video news stories for the Twin Cities.
  - e. **WCCO:** Text and video news stories for the Twin Cities.
  - f. **CBS Minnesota:** Read text stories of news from the local Twin cities station and Minnesota state news.
  - g. **FWIX:** Identify the location of interest and the app aggregates news stories from a variety of sources for that geographical area.
  - h. **Minnesota Daily.** This app accesses an iPad version of the University of Minnesota-Twin Cities student newspaper.
  - i. **Star Tribune website:** No iPad version yet, this is a webpage bookmarklet. I went to the online website for the Tribune, and then made a bookmarklet by choosing the option under the bookmarks tab on the Safari web browser. I have done this with other web sites as well.

## 7. Technology News Folder

All of these are heavily devoted to covering technology news.

- a. **AllThingsDigital:** General purpose focus on technology.

- b. **DVICE**: General purpose focus on technology.
- c. **MDN**: General purpose focus on technology.
- d. **MACLife**: All things Apple.
- e. **MacWorld**: Same as above.
- f. **Mashable**: This and **Engadget** below are excellent news sources as well as best places for fairly reliable rumor news.
- g. **Engadget**: Same as above.

## 8. Books Folder

- a. **iBooks**: free download app from Apple. The app obviously permits purchase of books from Apple, but there are also a limited collection of free older books (though somewhat difficult to find). You can also download and read PDF documents through this application, however unable to change the text size, font, and other features. However, like just about all other content, can enlarge the entire page as wanted. The app also can store PDFs for viewing as well as textbooks now available through it iBookstore.
- b. **Classics**: Lots of public domain books.
- c. **Free Books**: Offers about 24,000 public domain books.
- d. **Shakespeare**: Complete set of Shakespeare's works.
- e. **eBook Reader**: Mostly books to purchase, but some free ones to download.
- f. **Audiobooks**: Large collection of audio books of mostly public domain works. The free audio books have less-skilled narrators than the paid upgrade version.
- g. **Audible**: Same as above, some free and most a requested donation.
- h. **Speak it!**: Allows cut and paste of text into the application to narrate it. Limited to about a page of text at a time. In addition to the four different English voices given as an option, additional languages and accents can be purchased from within the app. **Highly recommended.**
- i. **Google Books**: Access the Google book project for reading complete public domain books and excerpts of more current ones.
- j. **Kindle**: Read anything purchased through Kindle as well as download some free books.
- k. **Nook**: Same as the Kindle
- l. **Wallpad**: Public domain books and reader.
- m. **Adobe Reader**. Permits easy reading of PDF documents.

## 9. Reference Folder

- a. **Wikihood**: Provides an interesting interface to Wikipedia
- b. **Article**: Creates easy to read articles from Wikipedia content. Permits bookmarking of previously read articles.
- c. **iPad Tips**: An inexpensive guide to all things iPad
- d. **ConvertFree**: Convert time, volume, temperature, etc.
- e. **Fastcase**: Online resource for legal research.
- f. **Zillow**: Allows research to determine home values.

## 10. Fun Books and Santa Tracker Folder

- a. **Toy Story:** Only one of the *Toy Story* books is free. Even if not interested in the story, the sheer innovative way the book brings together narration by Tom Hanks and others, visually stunning graphics, engaging activities, and the rest. It demonstrates what can be done through a value-enhanced eBook. Another interesting feature is that the professional narration can be replaced by your voice instead. It is by Disney.
- b. **XmasTale:** Similar to the features of *Toy Story* book above.
- c. **Charlie Brown Christmas:** This paid app provides an interactive experience with the traditional Christmas story shared through the long-running television show. The reader reformats the TV version into individual pages with narration and opportunities for interaction. Another example of how the iPad brings value-added to the experience of reading a story, especially with children (or those young-at-heart).
- d. **Santa Tracker 2012.** Most of these apps (most costing 99cents) share common features: radar screen with live tracking of Santa, ability to send messages to Santa and his merry band of elves, goodness/badness meter (*some permit the user to secretly program the app concerning the child's rating to motivate them to be nicer. Unclear about psychological impact of this feature in child's future life.*), and a countdown timer for arrival of Santa at the iPad's location (assuming location detector has been permitted). Pretty good for all ages.
- e. **Santa Tracker.** Same as above.
- f. **Where Is Santa.** (free lite version, 99cents paid version). Same as above.

## 11. Comics Folder

All of these share the same characteristics: a number of graphic novels (*a.k.a. comic books*) are free, others inexpensive. The graphics are stunning and the movement from one panel to another is amazing. Some people purchase iPads just because of the experience through these graphic novels. These comics are sometimes PG13 due to graphic violence, language, and mature themes.

- a. **Marvel:**
- b. **Comics +:**
- c. **Comics:**
- d. **Star Trek:**

## 12. Financial Folder

- a. **Bloomberg:** Track your stock portfolio, follow the market indexes, and read the news.
- b. **Warren Buffet's Famous Sayings.** Available as either a free or paid version, it contains short sayings by one of the world's richest men musing about life and finance. App permits sending them to others via email.
- c. **Biz News:** Mostly video business related programs.
- d. **Top Business:** Mostly video business related programs.
- e. **Fox Business:** Mostly text
- f. **CNNMoney:** Mostly text from CNN Business and Money magazine.
- g. **Mobile Edition:** Text news on finance
- h. **CNBC RT:** Mostly text on finance
- i. **eWallstreeter:** Same as above.

- j. **Forbes:** Limited content from Forbes magazine
- k. **CalcMoolator:** A collection of financial calculation formulas

### 13. Sports Folder

These apps provide real-time game information and news stories. Most allow customizing to easily follow teams and sports.

- a. **Sports Tap:** Sports news and some live game reports.
- b. **Fox Sports:** Sports news and some live game reports.
- c. **SportsCenter XL:** Sports news and some live game reports.
- d. **CBS Pro Football:** Sports news and some live game reports.
- e. **NCAA March Madness:** Watch the Division I men's basketball tournament from the iPad. Complete game video and text reports.

### 14. Educational

- a. **NASA:** Very data dense with lots of stimulating material.
- b. **NASA Exploration.** Similar to above with more graphical material.
- c. **Discover:** Draws from the Discovery channel
- d. **AARP:** Go ahead, add it to the iPad. You can say it is for an older relative.
- e. **Molecules:** Allows observing several sample molecular arrangements
- f. **Inkling:** Commercial textbook company allows downloading of several etextbooks to demonstrate their capability and encourage your adoption.
- g. **eTextbooks:** Through CourseSmart, selected chapters available to preview.
- h. **ArmySurvival:** U.S. Army survival manual. Learn how to field dress your dinner.
- i. **Planets:** Very cool for understanding the universe and the stars. Putting the star map into 3-D mode is so cool.
- j. **Planetary:** Similar to planets app above.
- k. **7 Billion:** An app from National Geographic that explores the impact on the globe of 7 billion people. Beautiful photography and compelling text with graphs. A must for older learners and adults.
- l. **SI at RIT.** This is a customized app for students at Rochester Institute of Technology so they can find where the group tutorial programs are available. SI stands for Supplemental Instruction, a nationally-known program for increasing academic achievement and persistence in college.

### 15. History Folder

This collection of apps most often provide access to public documents and maps.

- a. **History Lite:**
- b. **US History:**
- c. **Constitution:**
- d. **HistoryMaps:**
- e. **Multieducator:**
- f. **This Day:** What happened this day in history.
- g. **Today in History:** Same as above.
- h. **History Tools:**
- i. **Declaration of Independence:** The document that started it all.

- j. **Empire Story:** Like SimCity, but in ancient times. Shows process for building an empire and balancing values and resources while holding up public morale. Interesting idea for a class history project.
- k. **Your Rights:**
- l. **U.S. History Atlas:**
- m. **World Atlas:**
- n. **Louvre:** Sample of great artwork from the gallery in Paris.
- o. **PoliticsClasx:**
- p. **AccelaStudy:** Permits creating flash cards to study key vocabulary. Not limited to history topic area.

### III. Audio and Visual Content and Entertainment

1. **Video Folder.** One of the new features of the revised operating system to the iPad (*version 4.3 or higher*) is “*Home Sharing*”. This permits streaming of video content on a person’s iTunes account on a desktop or laptop computer with an iPad, iPhone, and iPod. The key is the content has to be in the iTunes library (music, movies, TV shows, audio or video podcasts). This is DRM (digital rights management) media. Below in this section there are a number of iPad apps that permit streaming of non-DRM media such as RealPlayer videos and the like. The key for all these viewing systems is that the iPad/iPod/iPhone and the desktop or laptop computer are on the same WI-FI system. Obviously the laptop or desktop computer also must be turned on for the media to be streamed. An additional requirement for Home Sharing of Apple DRM media is that iTunes must be running on the desktop or laptop computer as well. To enable Home Sharing among the devices, several setup steps are required. On the iPad, go to the “Settings” app. Then select “iPod” from the left-side menu. At the bottom of the right-hand column is a new box called “Home Sharing”. Type in your Apple ID (usually your email addresses used to register the iPad) and your password to your iTunes account. Then go to the device that will be streaming your media (desktop or laptop), and be sure Home Sharing is active on that device. To check, open and run iTunes on that device. Click on “Advanced” from the top menu bar. Click on “Home Sharing” from the drop down menu and be sure it is active. When you want to listen to streamed media from the iTunes account on the desktop/laptop, click on the name of that device from the Apple iPod or Movies app on the iPad. When you do, a new menu will appear in the left-hand column. Note: since the media is being streamed and not resident on the iPad, sometimes the player will stop momentarily as large volumes of data are being transmitted over the WI-FI. If you have a slow WI-FI, this problem will be more frequent than if you have a fast WI-FI connection. If none of this makes much sense, just ask some teenager. They can show you. ☺
  - a. **Justin.tv: *The app that allows me to not miss paying cable TV bills.*** Allows viewing of non-Flash video programs through their network. The HD version of the app is \$9.99. Its search engine identifies categories of “channels” devoted to topics of interest and they can be saved as “favorites” to quickly check. Among my favorites are old war movie and Mystery Science Theatre 3000, an odd program that features public domain movies that are usually quite bad and endure wise cracks from a trio of people watching the program along with you. Sometimes better know as MST 3000. Toho Tuesday features Godzilla films on Tuesday evening. Individuals webcast their mostly uninteresting lives. To see all the channels available from Justin.tv (many more flash video than nonvideo), go to their web site on a laptop or desktop computer, <http://justin.tv>
  - b. **iTunes U.** (*Formerly part of the Apple iPod app*). All podcasts (video and audio) are free and produced by educational institutions. The new feature is not only the availability to listen/view the episodes, the creators of the content can also attach course syllabi and other documents related to the

course material. It is speculated that some educators may use this in their classes and avoid use of the institutional course management systems (*Moodle, Web Vista, Blackboard, and the like*).

- c. **YouTube**: preinstalled app for locating and viewing YouTube videos.
- d. **Videos**: preinstalled app for viewing video content purchased through the Apple iTunes account. See description of “Home Sharing” above to discover how to view content from your iTunes account on another computer via streaming over a local WI-FI connection.
- e. **HowCast**: Interesting collection of short videos on “how to” lots of things.
- f. **ZumoCast**: This and the following three permit streaming video content from a laptop or desktop computer through the iPad if they can share the same WI-FI service. The value is that it eliminates the need to download and store digital content on the iPad. This requires installing a free software program on the computer and **leaving it on** while you want to watch on the iPad. Zumocast seems the most intuitive in detecting video content on the computer. These apps will NOT permit viewing of content with DRM (digital rights management) which includes purchased movies and music from Apple, but does allow video podcasts and movie stored on the computer that was placed there by copying a CD.
- g. **Air Video**: Similar to above.
- h. **Video Stream**: Similar to above.
- i. **AirView**: Similar to above.
- j. **VEVO HD**: Attractive interface for enjoying music videos by major performing artists. The site is supported by the major recording studios to showcase artists. **A personal favorite.**
- k. **Archive.com**: This is actually a web site bookmarklet to make it quicker to access. The web site has an enormous collection of public domain audio and video files. There are also copyright-free movies searchable by category such as war, science fiction, or drama. Most of these video files play on the iPad. A favorite of mine is Sherlock Holmes and also a great collection of the worst science fiction movies including the infamous “Plan Nine from Outer Space” (*considered by critics as worst movie of all time*).
- l. **Hulu Plus**: Permits viewing short video clips of current television shows and movies. Monthly fee permits viewing complete episodes and movies.
- m. **vSNAX**: Junk food video programs and clips.
- q. **Flixstar**: Guide to movies currently in the theaters.
- r. **TED**: Short video presentations. Their tag line is “*ideas worth spreading.*” The best public speakers and experts on compelling topics of today with a presentation limited to about 17 minutes. **Highly recommended.**
- s. **Time Machine**: A search engine for finding YouTube videos from different years and different categories such as movies (generally movie trailers), music, TV, news, sporting events, and games. Very entertaining.
- t. **Trailers**. A collection of movie trailers for recent feature films.
- u. **Fixstar**. The same as the above app, Trailers.

## 2. Video and Audio Making Folder

- a. **Animoto**: Create music videos from 30 seconds to 10 minutes that mix together music from the company’s extensive library and your digital

photos, 10-second video clips, and brief text slides. Videos can be downloaded at mp4 files or links sent to others to view.

- b. **Storyrobe:** Create narrated slide shows that can be emailed to others. Simple process even for small children.
- c. **iMovie** (requires iPad2): Shoot video on the iPad2, edit, and then upload to Youtube. Very powerful and reasonably priced.
- d. **ExtraiMovie:** Additional resources to improving your movie editing. Since users are permitted to upload images, not probably a good choice for the younger set since the images sometimes ranges through PG rating (but nothing higher).
- e. **Songify:** Takes spoken words and turns them into a song. Very popular and very odd.

### 3. Television Folder

- a. **TV Guide/TV Listings:** It is said that one of things that makes iPads (*and the other new tablet computers*) popular, is that you don't look like such a geek when using them. This app is a great example. While watching TV it is easy to open up and use this app and leave the tablet computer on the coffee table for the evening for reference, email, and Facebooking.
- b. **ABC Player:** Limited number of episodes from popular current TV shows. High quality video images.
- c. **PBS:** A mix of video previous and entire episodes of PBS shows and documentaries. **A must download.** Another reason I don't miss cable TV.
- v. **Other video apps.** Previously described in this directory: **Al Jazeera Television, France24** (*includes video stream and video recap*).
- w. **Discovery Channel.** Some of the best (*and worst reality programming*) shows from the Discovery Channel are available.
- x. **Adult Swim Channel.** Adult Swim is the night-time version of the Nickelodeon Channel. The night-time channel has animated cartoon programs that often have a PG-13 level of humor.

### 4. Radio Folder

- a. **TuneIn Radio:** Most all of the apps in this category permit you to search for Internet-only and commercial broadcast radio stations that also send out an Internet version. Many of these apps allow searching by type of music genre, geographic locations, etc. The unique feature of TuneIn Radio is ability to record a live radio program or to set a timer to schedule a program in the future. That function requires the iPad to be plugged into the AC power to permit that feature. A menu of the recorded programs is created and it is easy to delete. Space is an issue since each minute of audio record time is basically equivalent to about 5 megabytes. **Geek Alert:** A way to deal with the issue of keeping the radio programs for posting behind the password wall on a course management web site is to plug a digital recorder into the earphone on the iPad and record the program.
- b. **WunderRadio:** Allows searching in variety of ways for radio stations. **A personal favorite.** I downloaded it for free when first offered through the App Store. Now it costs about \$5. Lesson learned is to check the App

Store daily, download anything remotely interesting that is free and then delete if not useful. It appears to be an increasingly common practice to offer some apps free initially to generate buzz, record a number of downloads, and garner positive reviews for self-promotion. Then move the price up. **Personal favorite.**

- c. **AOL Radio:** More limited collection of radio stations limited to those affiliated with the CBS radio network.
- d. **CollegeRadio:** A limited number of college radio stations are available for listening.
- e. **PBS Radio Station Finder**
- f. **Clock Radio:** Most of the clock radio apps allow for selecting of radio stations. The challenge is that these two examples are not very loud when the alarm goes off. User beware.
- g. **Nightstand Clock Radio:**

## 5. Music Making Folder

- a. **GarageBand.** One of the top Apple software programs successfully adapted for the iPad. For \$5 you have the ability to play a variety of musical instruments, mix together songs, integrate spoken word, and create professionally-sounding audio creations. Quickly became the top paid App for the iPad.
- b. **Songify.** As described earlier, takes spoken words and turns them into a song that can be shared with others.
- c. **Pocket Piano:** Play the piano with this and Virtuoso 3 below. A new feature for Virtuoso creates facing keyboards to allow two people to play a duet.
- d. **Virtuoso 3:** Same as above.
- e. **Drum Set**
- f. **SnapTap**
- g. **Classical Guitar**
- h. **Music Studio**
- i. **Discover Musical Instruments**

## 6. Music Folder

- a. **Pandora:** Creates a personal radio station that gathers similar music to a music artist you select. **Highly recommend.**
- b. **Shazam:** Samples music for about 30 seconds, searches its four million song library, identifies the title, album, artist, and then gives opportunity to travel to the iTunes store to immediately purchase before reflecting about the financial implications.
- c. **Vevo HD:** Described in earlier file folder, music videos.
- d. **Ambiance:** Creates a variety of environmental sounds to soothe you.
- e. **Remote:** Allows control of media played through an Apple computer that is connected to nice sound speakers in the same or another room.
- f. **NPR Music.** Same functionality as the app NPR, this app is focused exclusively on music with NPR stations. Easily find them by music type and create custom music program from components from a wide variety of other NPR music programs.

## 7. Games Category

### a. Racing Games Folder

- i. **Cro-Mag**: Imagine Fred Flintstone driving a racecar made from a tree trunk. This is an example of an entire series of gaming apps that use the physical movement and angle of the iPad to control motion rather than using a mouse or clicking on arrow keys.
- ii. **Rollercoaster**: Cheat death by riding wild roller coasters.
- iii. **ProTuner**: Drag racing
- iv. **MotoChaser**: Similar to **Cro-Mag** with different types of courses using a motorcycle. However, no Fred Flintstone to drive them.

### b. Relaxation Games Folder

- i. **Pocket Pond**: This an Koi Pond below allow you to retreat to the serenity of a pond with some fish swimming about. You can stir the water and annoy the fish.
- ii. **Koi Pond**: Same as above.
- iii. **Bubbles**: Generates bubbles that burst when touched. Said to be a favorite for parents seeking to distract children in the car.
- iv. **Cut the Rope**:
- v. **Tap Reed HD**: Create your own aquarium. The free version only gives you a couple of fish. You have to pay to have more fish. This can be done as an “in app” purchase and may lead to excessive purchasing, especially if you let your children play with this game unsupervised.
- vi. **Talking Tom**: A somewhat disturbing app with an animated cat that you can stroke to make him purr. Mistreat him and he gets naturally angry. Any words spoken to Tom are repeated back to you in Tom’s voice. There is a series of these “talk back” animations, most of which are free for the basic install. Additional features require in-app payments. Install on two iPads and be amused (or horrified) to listen to them talk to each other.
- vii. **Talking John**: Nearly the same as Talking Tom. Twist with this one is that John is an ameba that can split into two or four.
- viii. **Talking News**. From the folks that brought you Talking Tom. This time the cat and the dog are newscasters for a television station. You can record their voices (with the accent of dog and cat), engage them in combat with one another, and other amusing events that are not far removed from reality of local TV.
- ix. **Texas Hold’um**: A personal favorite for playing cards. **Highly recommend.**

### c. Strategy and Conflict Games Folder

- i. **Online Viewer**: Watch other people play their video games online. Designed to encourage people to purchase credits to play online or buy the game for home use, it allows you to be a spectator or pretend to play without the expense. Many of the video games are

extremely violent except for the occasional person playing tennis.  
**Highly recommended.**

- ii. **Modern Conflict:** Tank battle game.
- iii. **Jetpack.** Hero flies with a jetpack through an obstacle course to gain points and avoid becoming ground up in the cutting machiens.
- iv. **Angry birds.** One of the top-all time sellers. Both paid and free versions available. A wonderful mix of math and mayhem. Fling red birds against a wall to knock it down. Quite odd. Not advised for PETA members or others that love Redbirds. Really. And to think this is one of the most popular free and paid apps. Some science teachers use it to teach scientific concepts to students. I think otherwise.
- v. **Penguin Race.** Race the penguin over snow-covered mountains to keep ahead of the hungry polar bear. Too slow and you become dinner.
- vi. **Demolition Master:** Not sure. Things blow up.
- vii. **Smurfs Village:** Allows you to build an entire city of Smurfs. Much like Civilization or SimCity, but much more **blue**.
- viii. **Tiny Zoo.** Similar to SimCity, Civilization, Smurfs Village, and the rest. It would be a good idea to disable “in app purchasing” on the iPad before handing to a child (or child-like adult). These games are continuously encouraging the purchase of food, buildings, and other items to improve the quality of the lives of the animals and people. At 99cents, the purchase can quickly add up.

#### d. Sports Games Folder

- i. **Buck Hunter:** Based on the arcade game, hunt deer. A limited number of free games and then more require payment. Free bonus games for hunting ducks, frogs, cow pies, and gophers (yikes!).
- ii. **Backbreaker:** One on one or two football. Not for the faint of heart.
- iii. **Madden’s NFL:** For the price, very good. **A recommended download.**

### 8. Photography Folder

Most of these apps permit display of your or others photos.

- a. **Camera** (iPad2 only, comes installed): Take photos with your iPad, edit, and then share with others.
- b. **Photo Booth** (iPad2 only, comes installed): Allows serious and humorous editing of photographs and then sharing them with others.
- c. **PhotoShop Express:** Inexpensive additional photo editing software.
- d. **Photos:** preinstalled app for managing your photo collection synced from your computer.
- e. **Flickr:** Same as above and also links to the online Flickr photo sharing service.
- f. **FlickStackr:** Similar to above.
- g. **Gallery:** Similar to above.

- h. **Wallpapers:** Free downloads of gorgeous photos for use as wallpaper on the iPad or creation of slide shows that can be displayed through the picture frame feature of the iPad (requires the iPad to be plugged into AC).
- i. **Heritage: *A recommended free download.*** Collections of gorgeous photos from locations around the world. Additional collections payment.
- j. **Photo Shop Express:** Permits more sophisticated editing of photos.
- k. **QR Scanner** (iPad 2 only). Take picture of the data blocks that appear on more products and signs. It will connect with the Internet to read and access online information about the item.
- l. **CamZoom** (iPad 2 only). Offers ability to zoom in for video recording or individual photographs. Easy to operate.

## 9. Cooking Category

My brother is a former chef and just purchased an iPad. I downloaded these to give him an idea of what was possible. Nearly all are free. The ones with video clips often require a fee to download. Some are designed to provide an automatic function to create a grocery list for key ingredients for the desired dish to prepare.

### a. Cooking Text

Most apps in this collection are text-based instructions for cooking. Some also include useful photographs of the steps and final product. Many have search engines. Some create a shopping list of ingredients.

- i. **In the Kitchen:**
- ii. **Epicurious:**
- iii. **Betty Crocker Cookbook:** Seemed to have the widest selection of recipes
- iv. **BigOven:**
- v. **RecipeGrazer:**
- vi. **Gourmet Live:**
- vii. **AllRecipes:**
- viii. **Martha Stewart Cookies:**
- ix. **WW Kitchen:**
- x. **Cooking China:**
- xi. **Harvest To Heat:**
- xii. **iGrill:** Tends to be an infomercial pitching cooking accessories.
- xiii. **Recipe Box:**
- xiv. **Big Fork:**
- xv. **Whole Foods:**
- xvi. **Vintage Chart:** Produced by Wine Spectator magazine

### b. Cooking Video

These apps include text for preparing the meals, but also video tutorials for each step. Some even come with built in timers for each stage.

- i. **Mario Batali Cooks:** As one of the Iron Chefs, this is a personal favorite of mine. Great video tutorials and demonstrations.
- ii. **Farina's Pantry:**
- iii. **Thai Cooking:**
- iv. **Food and Wine:**
- v. **Best of French Cuisine:**

- vi. **Simplicity:**
- vii. **Gourmet Live**

## IV. Less Used Apps

### 1. Audio Recording Folder

- a. **Dragon Dictate: *A must download.*** This free app with high accuracy to voice to text. Considering the desk top version costs upwards of \$150, this is one of the best values through the App Store. The amount of text is limited for transcription. This requires sending the documents in pieces via email to yourself. Another use for Dragon Dictate on the iPad and the iPhone (or other smartphones) is to use this process to create your email messages rather than typing them. It is then easy to clean up the few typos' and then email the text.
- b. **Dragon Speak Microphone.** Works in collaboration with Dragon Speak installed on a desktop computer. Acts as a handheld microphone to improve accuracy of word-to-text translation.
- c. **Recorder:** All three of these apps record audio through the iPad and permit sending it via email attachment (or maybe through Dropbox).
- d. **iProRecorder:**
- e. **QuickVoice:**

### 2. Flashlight Folder

- a. **Flashlight:** Turn you iPad into the world's largest flashlight. It may not appear that bright, but use this in a completely dark room and it is amazing. Both of these apps also enable you to create a variety of lighting effects including a strobe light that could be used for emergency purposes. ***This is a personal favorite and highly recommended.*** It is also very good for use on smartphones as well.
- b. **myLite:** Same as Flashlight app described above.

### 3. Travel Related Category

#### a. Dining Out and Shopping Folder

- i. **Open Table:** Identifies selected upscale restaurants with open seating.
- ii. **Urbanspoon:** Easily search any major city for food venue by one of more of the following criteria: food type, location, price.
- iii. **FWIX.** If the iPad is accessing local WI-FI, it identifies nearby eating venues, local news, local events, and local businesses.
- iv. **Great Clips.** An app to allow reserving appointment with the hair care provider. Sometimes also permits a discount for the appointment.

#### b. Travel Arrangements Folder

- i. **Travelocity:** Many of the travel services have their own app. I have used Travelocity for years and is a favorite. It also allows checking flight status and booking cars, hotels, and the like.
- ii. **TripAdvisor:** Provides reviews of hotels, background information on attractions within a city, and booking of hotels, cars, etc.

- iii. **USA Today AutoPilot:** Check the flight status.
- iv. **LiveTracking:** Track actual movement of airplanes using publicly available data. Watch airplane icons with detailed information about speed, altitude, and the like. The ultimate flight status checker.
- v. **FlightStatus:** Same as above.
- vi. **PFHD Free:** Same as above.
- vii. **Metro Transit:** Access the web site for the Twin Cities Metro Transit system in Minneapolis and St. Paul.
- viii. **SuperShuttle:** This company operates in many major U.S. cities to primarily travel to and from the airport to hotels or the nearby suburbs. The prices are generally better than taxi cabs.
- ix. **Delta.** Focused on Delta Airlines exclusively, users can track, check-in, and other functions.

#### c. Travel Reference Information Folder

- i. **World Atlas:** As the title says.
- ii. **Factbook:** Maintained by the U.S. Government with profiles of countries.
- iii. **WikiMe:** Assuming you are connected either by WIFI or 3GS, it searches the Wikipedia for articles related to your location and surrounding features.
- iv. **WhitePages:** The phone book for every city you visit.
- v. **ATM Finder:** Locates ATMs worldwide.

#### d. Navigation Folder

- i. **Maps:** preinstalled app
- ii. **MapQuest:** create vicinity map of a desired location and also turn-by-turn directions for a trip.
- iii. **Take My Car:** Allows you to record your geolocation of car before heading into the megamall so you can find it again.
- iv. **Beat the Traffic:** Provides suggestions for alternative driving routes.
- v. **Compass:** preinstalled app
- vi. **Google Earth:** Use the street level photos to identify what you are looking for.

#### e. WI-FI Finder Folder

- i. **WI-FI Finder/Free WIFI:** A must app if you have an iPad with 3GS Internet connection. Be sure to download the database of WI FI locations for viewing off line so you can find a WIFI hotspot. Both apps also identify if they are free or not.
- ii. **Easy WIFI:**
- iii. **Free WI-FI:**

### 4. Assorted Individual Apps

- a. **iHandy Level:** Never have a picture out of alignment again.
- b. **Calculator:**

- c. **Mark the Spot:** Tell AT&T if you have a 3GS iPad and you are not connected to the Internet due to poor cell coverage.
- d. **Find iPhone:** Track your misplaced iPhone in the house, park, or a bandit's car.

## V. Religious Literature

The Apple App Stores provides access to a variety of documents and sacred writings related to major world religions and philosophies such as the Islamic faith, Hinduism, Judaism, and Christianity. Some can also be accessed also through the Apple iBooks store. Many are free, others are modestly priced. Following are my favorites for the Christian faith.

### 1. Bibles Folder

A variety of translations of the Bible are available through these apps. Some translations are downloaded to the iPad and others are only available via WI-FI due to publisher permission agreements.

- a. **Bible**
- b. **Holy Bible HD**
- c. **ESV Bible**
- d. **Touch Bible**
- e. **Bible Reader**
- f. **PocketSword**
- g. **BibleReader**

### 2. Bible Teachings Folder

- a. **iTalk to God**
- b. **Grace to You**
- c. **Logos:** In addition to Bible teachings, it also provides a number of Bible translations

### 3. Bible Study Aids Folder

- a. **Matthew Henry Commentary:** While rather old, it is still useful and considered a classic reference.
- b. **Matthew Henry Commentary Abridged**
- c. **Easton's**
- d. **Concordance**

### 4. Bible Verses Folder

- a. **Bible Verses**
- b. **Memory Verses**
- c. **Praying God's Word**