



LDA: Discovering the ways Applications Can Assist with Learning Disabilities



Carolyn Phillips | Martha Rust | Christopher Lee

www.amacusg.org

Who we are not

Who we are....





Where are we from...



Agenda

- Choosing an App. I'm overwhelm! There just too many, Martha
 - TFL Database Application
- Exploring Apple & Android Options, Martha
- Considering Accessibility, Martha
- Our Favorite Apps and Why? Carolyn, Martha and Christopher
 - Writing | Reading | Organization | Memory | Living
- Sharing Your Favorite Apps - Carolyn
- Wrap-up – Christopher

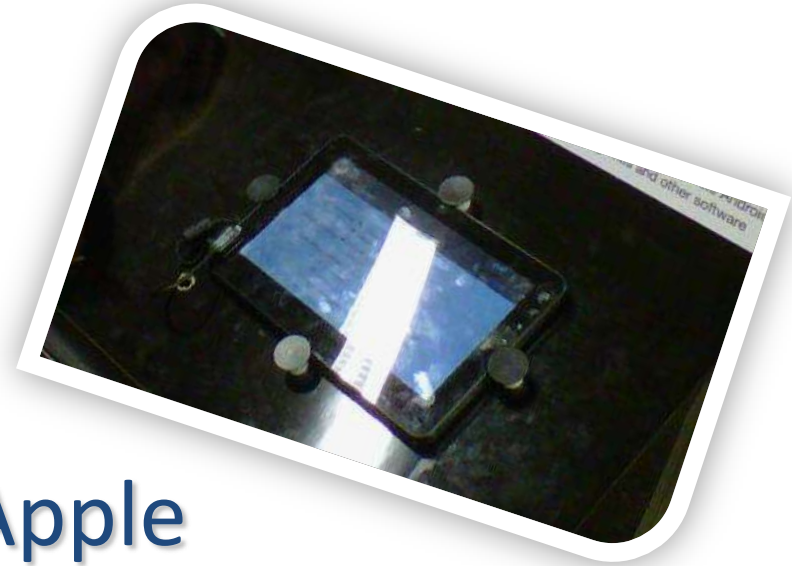
TFL App Data Base

Our Favorite Apps



Search by...

- App Name
- Categories
 - Book
 - Education
 - Environmental Adaptations
 - Hearing
 - Cognition, Learning, Developmental
 - Navigation
 - Personal Care and Safety
 - Productivity C
 - Communication
 - Therapeutic Aids
 - Vision



Android & Apple



Microsoft Surface

- Windows 8
- Slim and has a USB port
- Moveable Tiles
- Built-in Accessibility
 - Speech-to-text
 - Narrator
- Thin pressure sensitive cover that doubles as a keyboard
- Starts at \$499



Samsung Galaxy

- Download Accessibility Features
- 7 inch or 10 inch screen available
- Compatible with flash/ WIFI
- 8.0 coming out February 2013 in Europe
- 8.0 will have a better camera and use a SIM card for storage
- Starts at \$199.99 but 8.0 may be more



Motorola XOOM



- Android System
- Must download accessibility features
- Compatible with Flash
- Camera
- Wifi
- Uses micro SIM card for external storage
- Starts at \$319.00



Apple iPad

- Multi- touch screen
- New iOS 6
- Thousands of apps
- Surf web
- iTunes
- Videos
- Organization
- Accessibility
- Books
- Photos
- Speakers
- New iPad had 5.0 megapixel camera
- Starts at \$499/\$399



Apple iPad - mini

- Multi- touch screen
- New iOS 6
- Thousands of apps
- Surf web
- iTunes
- Videos
- Organization
- Accessibility
- Books
- Photos
- Speakers
- New iPad had 5.0 megapixel camera
- Starts at \$329



Apple iPod Touch



- 5 Megapixel Camera
 - Thousands of apps
 - Videos
 - Surf Web
 - Voice Over
 - Organization
 - Speakers
 - Bluetooth
 - New iOS 6
 - Starts at \$299
- \$199 4th generation



Difference Between Tablets

www.bluebulge.com 12/17/2012

Property	Android	iOS	MS Windows	Amazon Kindle	Barnes & Noble Nook
Number and variety of tablets	Several	iPad & iPad Mini	A few	Kindle Fire & Fire HD	Nook HD
Operating System	Android (latest Jelly Bean)	Apple iOS 6	Windows RT & Windows 8 Pro	Modified version of Android ICS	Modified Android ICS
Apps	Nearly 700,000 (including the ones not optimized for tablets specifically)	Total of 700,000, out of which 275,000 optimized for iPad & Mini	Around 100,000 (including phone apps) of which most are plain junk.	Around 60,000 (from Amazon's special app store for Android)	Around 10,000 (available from Barnes & Noble store for Android)
Software Updates	As it becomes available on Google (for Nexus, directly, and for other manufacturers, as they become available)	Apple releases updates	MS releases updates	Amazon releases updates	BN releases updates
Interface	As designed by manufacturer (on Nexus line, the original unaltered Android interface)	Icons & widgets designed by Apple similar to Mac OS	Metro style designed by Microsoft	Modified version of regular Android interface (known to be slightly better looking)	Modified Android (criticized for worse looks)

Considering Accessibility





Android Tablets

- Accessibility features are not built in
 - Talkback, Kickback, and Soundback
 - Gesture Feature in Jellybean
 - Eyes-free keyboard
 - IDEAL Web Reader for internet
 - No zoom or contrast right now
- What operation system is tablet running
 - Jellybean, Ice cream sandwich, Honeycomb, Gingerbread
- Google Play Store to buy apps
 - Must have Gmail address
 - Can use Amazon gift cards
- Not the best to use with someone who has low vision and/or blind or cognitive disabilities



Accessible Android Apps

- Big Launcher- icons look darker and text is larger
- Vlingo Virtual Assistant and iris. (alpha)- voice command apps
- Text to Speech Toy- Text-to- Speech
- Eyes-free keyboard
- IDEAL web reader
- Mobile Accessibility Suite for AT&T users
 - 12 different apps / 30 day free trial -\$99
- www.androidaccess.net



Demo: Built-in Accessibility Features

- VoiceOver
- Zoom
- Large Text
- Invert Colors
 - (white on black)
- Speak Selection
- Speak Auto Text
- Mono Audio
- Assistive Touch
- Guided Access
- Home-Click Speed
- Incoming Calls
- Braille Displays



Demo: Creating Keyboard Shortcuts

- Go to General => Keyboard and make sure Shortcut is turned on
- Go to Add New Shortcut
- Put in your Phrase
- Create Short Cut
- Example:
 - Phrase : Martha E. Rust, MS CRC, ATP
 - Shortcut is: MER
 - So when I type MER it will put in the above Phrase
 - OMW => On My Way!



Demo: Reader feature for Websites

- Read articles without distractions.
- Clutter disappears
- Add link into Reading List and finish later



Demo: iOS 6 NEW: Guided Access

- Helps individuals remain on task and focus
- Limit to one app/ turn off home button
- restrict touch input on certain areas of the screen



Refurbished Tablets

- You may not need the latest and greatest
 - Older models for a discount
- Want to make sure that refurbish tablets have been certified
- Look for at least 1 year warranty
- Many places now sell
 - Apple
 - BestBuy
 - Amazon





Our Favorite Apps!

Apps for Living



Some Favorite Travel Apps

- Demo: Delta

- Check-in/Electronic Ticket
- Change Seats
- Check Flight status
- Buy Tickets
- Sends updates



- Tript!

- Manage your trip
 - Flight/hotel/car/meeting times



- Orbitz

- Search flights/ hotels/ cars
- Sends updates and electronic tickets
- Uses GPS



Some Favorite Navigation Apps

- iExit



- Uses GPS real time driving what is coming up
- Select your favorite chains and will tell you which exits



- Mapquest



- Voice guided turns
- Traffic flows
- Gas prices

- Demo: Google Maps



- Detailed maps
- Voice guided turns
- Public transit, walking, and biking routes
- Picture image of destination

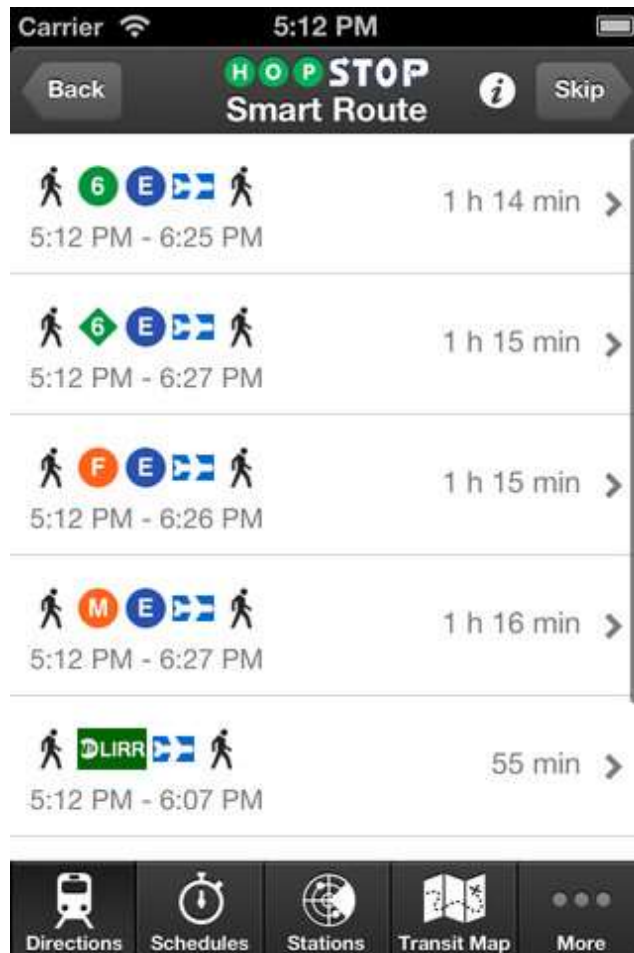
Navigon North America



- Voice guided directions for driving and walking
- GPS runs in background to save battery life
- Day and night modes
- Text-to-Speech
- Route Planning function
- \$39.00 Apple
- \$59.99 Android



HopStop

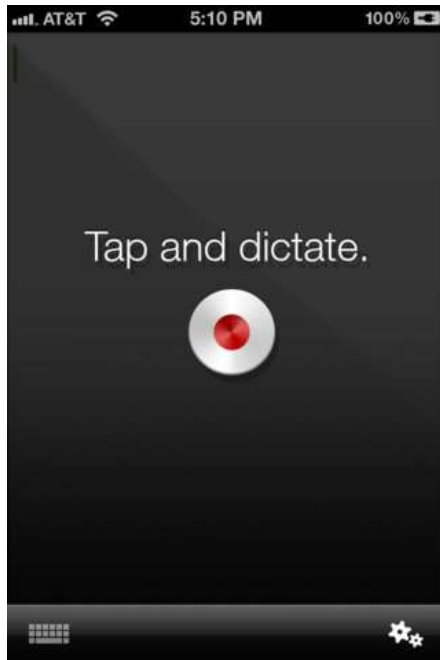


- Get detailed subway, bus, taxi, walking & biking directions along with official transit maps, a nearby station finder, and schedules in 100's of cities throughout the US, Canada & Europe
- Biking routes available
- See how many calories you have burned
- Wheelchair and stroller accessible routes
- Works with Voiceover

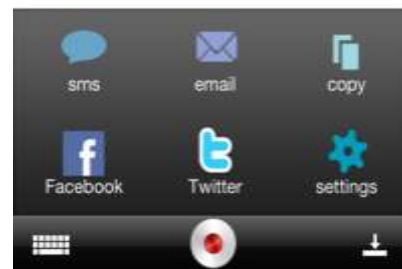


Apps for Writing

Demo:Dragon Dictation



Hi John call me when you get this e-mail. I'm running a little bit late.



- Voice Recognition
- Dictate notes, emails, Twitter, and facebook
- Supports many languages
- Cut, Copy, Paste
- Free



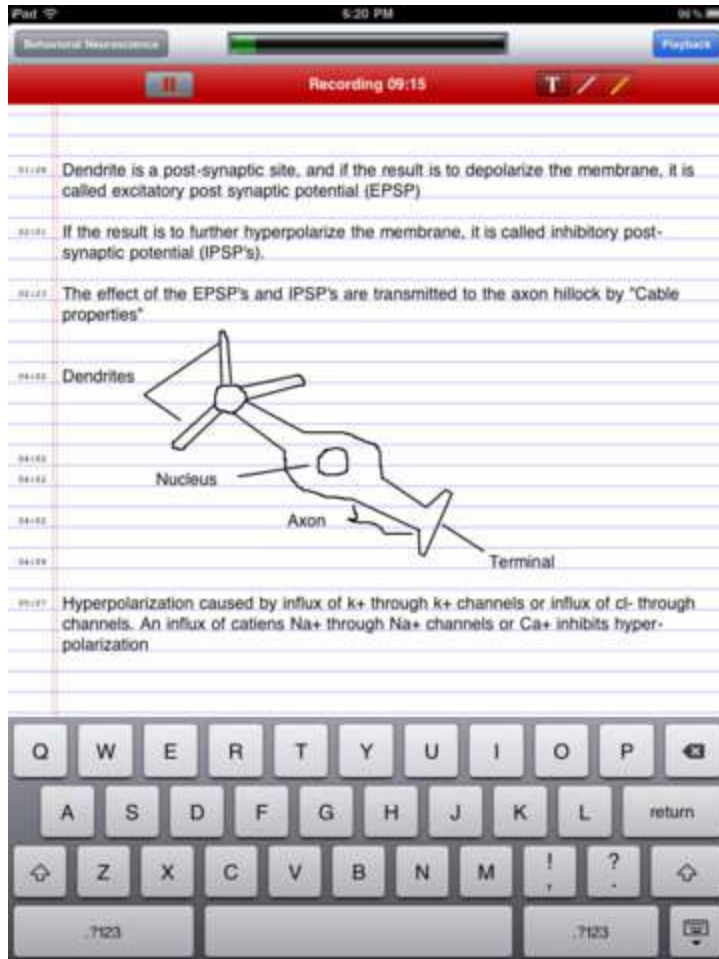
Catch Notes



- Free
- Capture ideas instantly with voice, photo, and text notes
- Use online AND offline on your mobile phone or tablet
- Share checklists to collaborate on to-do lists
- Set reminders



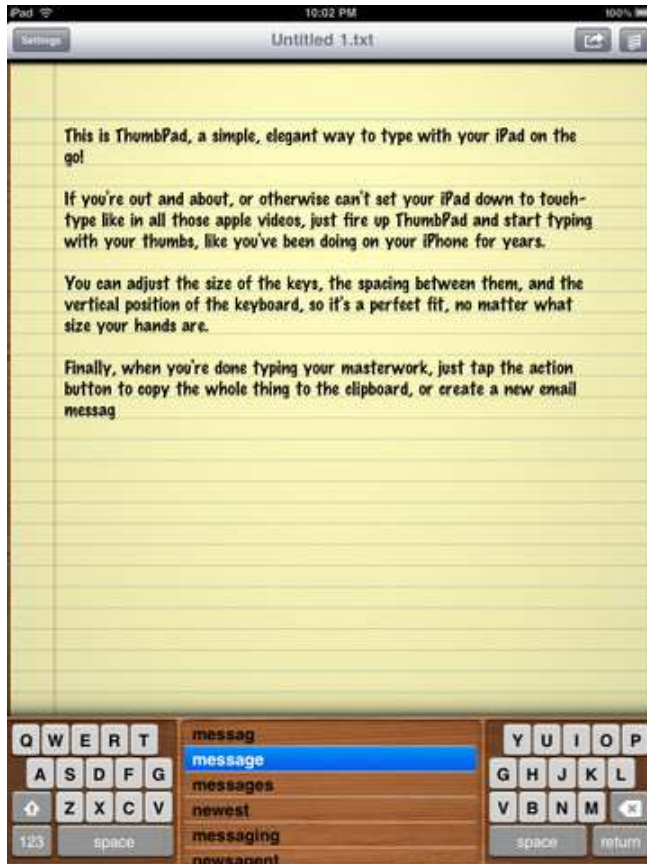
Demo: AudioNote



- Records your notes, meetings or lectures
- Can take notes by typing, stylus, or drawing
- Time stamps so you can go directly to where you want to hear
- Highlights notes when read back
- \$4.99



ThumbPad



- Type with your thumbs on the iPad as you do on the iPhone
- \$3.99
- Adjustable keyboard
- Customizable
 - Adjust key width
 - Height
 - Spacing



Swipelt and Swype

- Swipe across the keyboard to type words instead of tapping each key



- Free .99

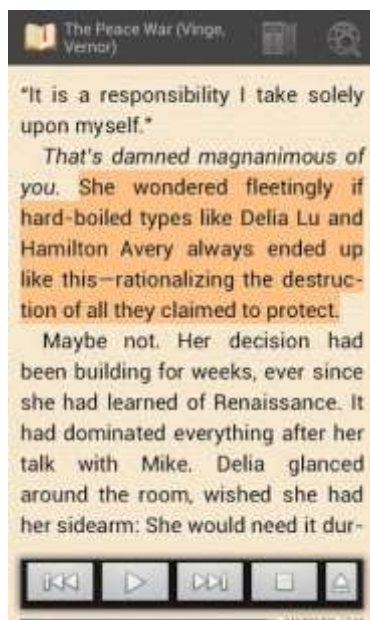


Apps for Reading

Types of Reading Apps

- There are over 27,000 reading apps and over 500,000 books and publications
- Active Reading Apps
 - Studies show that comprehension improves by 38%-70%
 - Defined as eyes are on the screen following the words
 - Highlighting of words, sentences, and paragraphs
- Passive Reading App
 - No pictures
 - Usually synthetic Computer Generated Voices/
VoiceOver

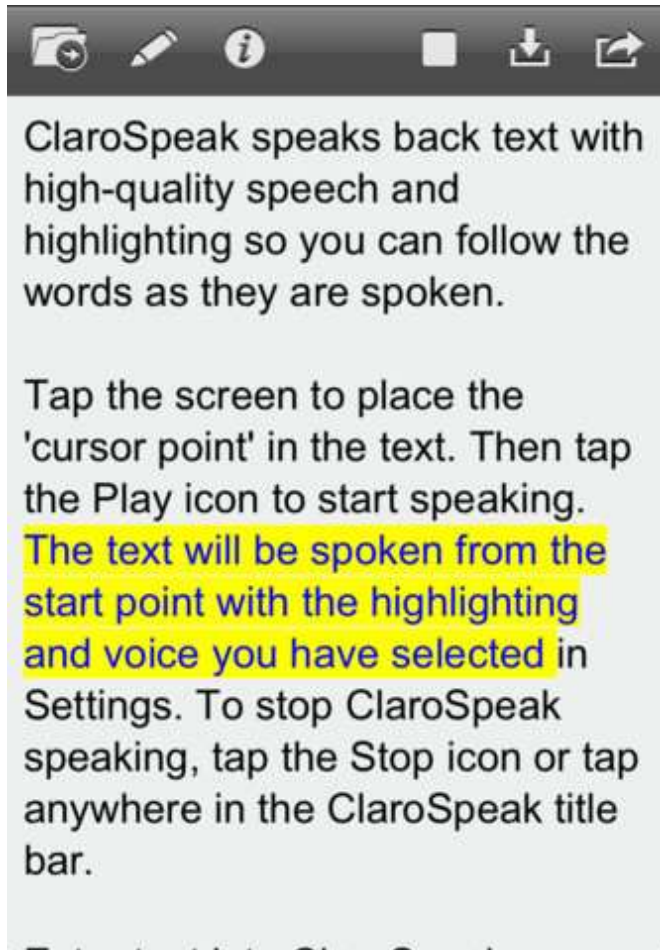
FBReader TTS+ Plugin



- Free
- eBook Reader
- Text-To-Speech plugin for FBReader for Android
- Can highlight whole sentences or paragraphs
- Change settings for voice and download voices



ClaroSpeak US



- Text-to-Speech
 - import documents and PDFs into ClaroSpeak from apps such as Mail, or import PDF, Word, Pages and other files directly from Dropbox using
- Change font and color
- Save text as an audio file
- Visual Tracking
- Send Text



Reading Apps

- Learning Ally



- Membership required
- over 75,000 audiobooks, audio textbooks, and other recorded books
- downloadable DAISY-formatted audiobooks

- Audible



- Free
- Over 100,000 titles
- Works on both Android and Apple





Read 2 Go

- Read2Go is the most accessible DAISY eBook reader for iOS.
- You can browse, search, download, and read books directly from Bookshare using your Bookshare membership, as well as read DAISY books from other sources.
- Control over visual choices for font size and color, background and highlighting color, and text-to-speech preferences.
- Features word-by-word highlighting for multi-modal reading.
- \$19.99



iScroll



- Free!
- Word-for-word narrated audio by real people
- Adjustable reading speed without pitch distortion
- Visually fast-forward and rewind through synchronized text
- Search eBook text and Audio by keyword or phrase



Reading Apps

- Free Books

- Free
- Over 23,000 titles
- Audiobooks



- Newspaper

- Free
- Newspapers from 150+ countries
- Over 20,000 newspapers

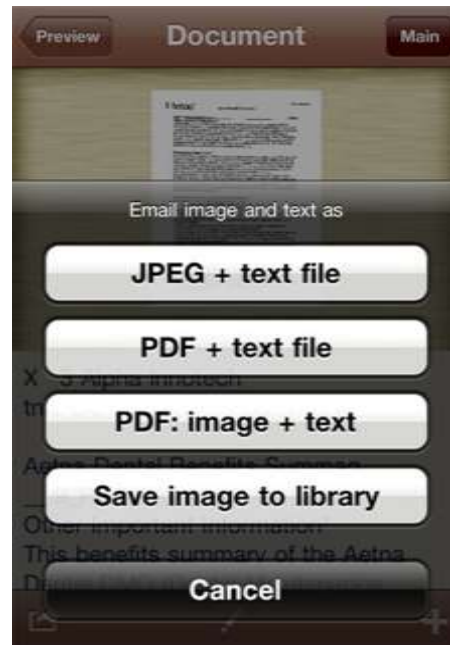


- Overdrive Media Console

- Free
- Must have library card
- Download ebooks and audiobooks on the go



Demo: Perfect OCR



- \$3.99
 - Uses the built in camera to scan documents
- Edit, copy, store, email documents
- Upload to online storage is as Evernote
- Does take practice for picture



Apps for Organization/Memory

- Keeper Password and Data Vault

- Place to store and access your passwords and personal information
- Launches websites and logs in
- Military grade encryption



- Find My iPhone

- Use another apple device to find your iPhone or iPad
- Remotely lock or erase all data
- Lock Mode that displays your contact number on lock screen
- keeps tracks of locations



Schwab Mobile



- Monitor your accounts, trade, research investments, and follow today's market news
- Keep an eye on balances
- Places, trades, deposit money, and make transfers
- Free



The screenshot displays the Charles Schwab mobile app interface. At the top, it shows the time (8:55 AM) and battery status (Not Charging). The main header includes the Charles Schwab logo and navigation links: Urgent Notifications, Order Status, and Log Out. Below this, there's a section for Account Summary and Brokerage Accounts. A pop-up window shows details for General Electric Company (GE), including its price (\$21.06), change (-1.42, -6.32%), and a table of short and long term positions. The main screen shows a list of securities and ETFs, including DIS, GE, XYZ, BRM, and CAT, with columns for Quantity, Cost Basis, and Market Value. A section for Mutual Funds shows the BRMSEM fund. At the bottom, there's a market summary bar with various indices like S&P 500, RUSSELL 2000, DAX, and NASDAQ.

Symbol	Quantity	Cost Basis	Mkt Value	Gain/Loss
DIS	1,511.4	\$99,752.40	\$100,281.39	+528.99 (0.53%)
GE	5,512.21	\$115,756.41	\$116,087.14	+330.73 (0.28%)
XYZ	1,990	\$24,875.00	\$25,730.70	+855.70 (3.44%)
BRM	2,000	\$33,000.00	\$32,920.00	-80.00 (-0.24%)
CAT	2,440	\$32,940.00	\$32,696.00	-244.00 (-0.74%)



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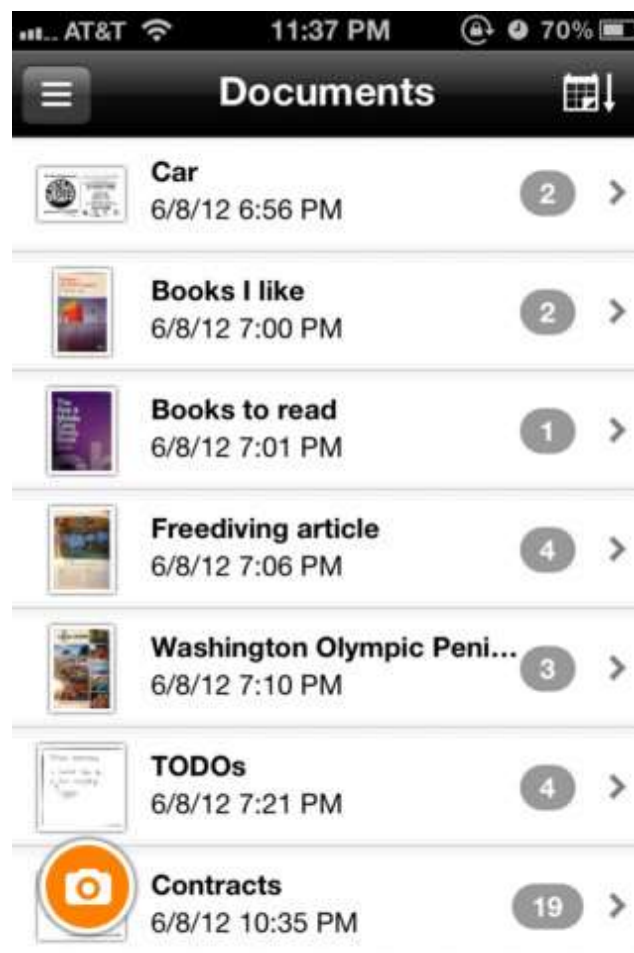
- Free
- Keep track of your cash and credit cards
- Pay your bills
- real-time alerts and reminders about upcoming bills, overage charges, and suspicious transactions
- Understand your debt



Scan Genius/ Genius Scan



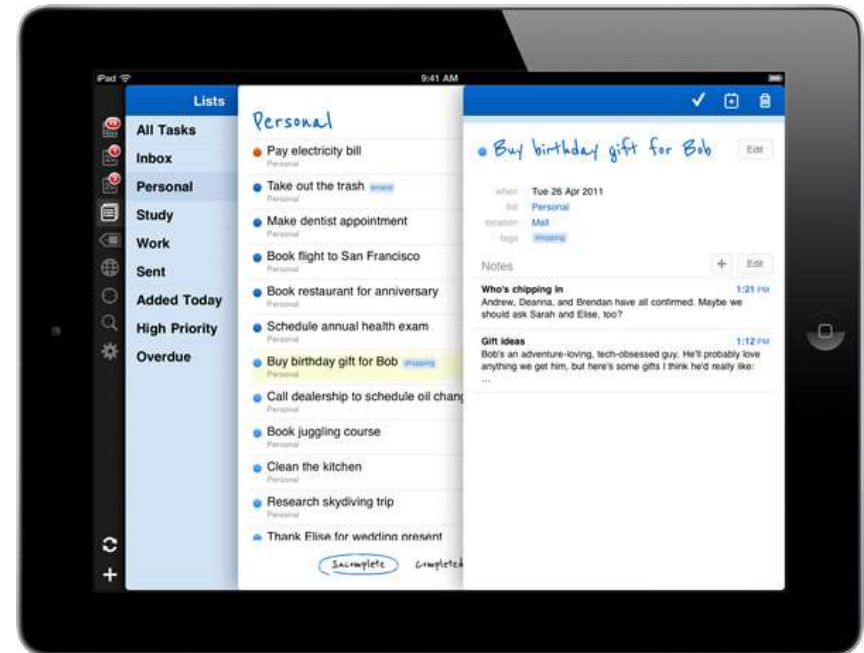
- Free on Apple
- \$1.99 on Android
- Pocket Scanner
- quickly scan documents on the go and email the scans as JPEG or PDF
- Allows you to build PDFs



Remember the Milk



- Free
- App for organization that is based on the website of the same name.
- Bring your “To-Do” list to life with features such as keys, tasks, actions, search, notes, locations, and reminders.
- App allows user to switch to landscape mode for easier reading and typing.



Reminders



- Built-in App
- Works with VoiceOver
- Organize your reminders
- Siri if have iPhone 4s or 5
- The new iPad



Demo: Bump



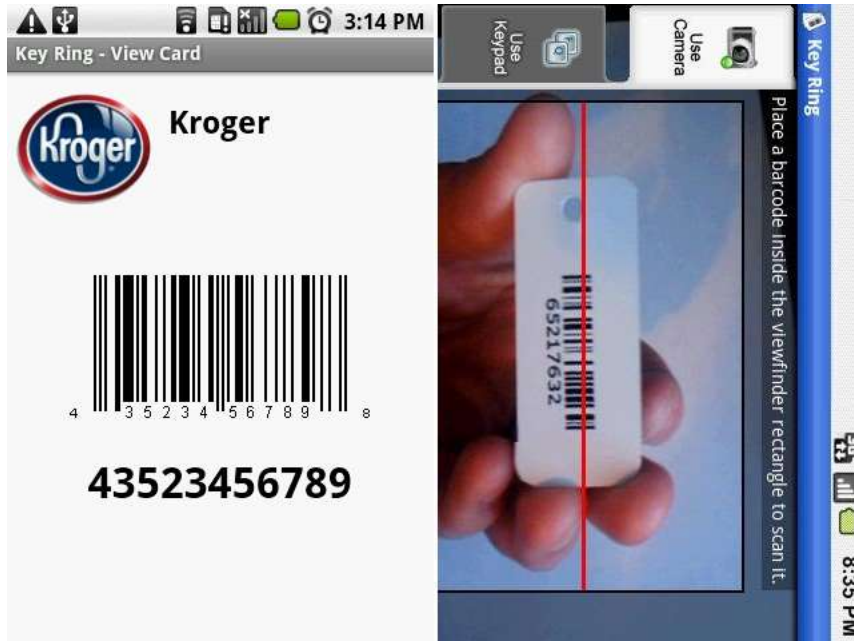
- Use Bump™ to share contact information and photos by simply bumping two phones together. Just open Bump, hold your phones, and gently bump your hands together
- <http://bu.mp/>
- **Free!**



[Demo](#)

Key Ring

- One Place to store all reward cards
- Organized
- Android & Apple version
- Watch video
- www.keyringapp.com
- **Free!**



Snooth Wine



- Free
- Take a picture for image recognition
- Compare different wines
- Locate stores that sale your favorite wines
- Over 1.2 Million wines in database



This time of year is full of "best of" lists. Over the past few weeks, *Wine Spectator*, *Wine Enthusiast*, and the *San Francisco Chronicle* have each named the "Top



Talk with Us!

**What are Your Favorite Apps for
Living,
Writing,
Reading
Organization/Memory?**

Questions



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Disclaimer

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