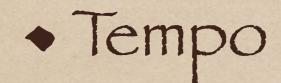
## iPad Sharing Session

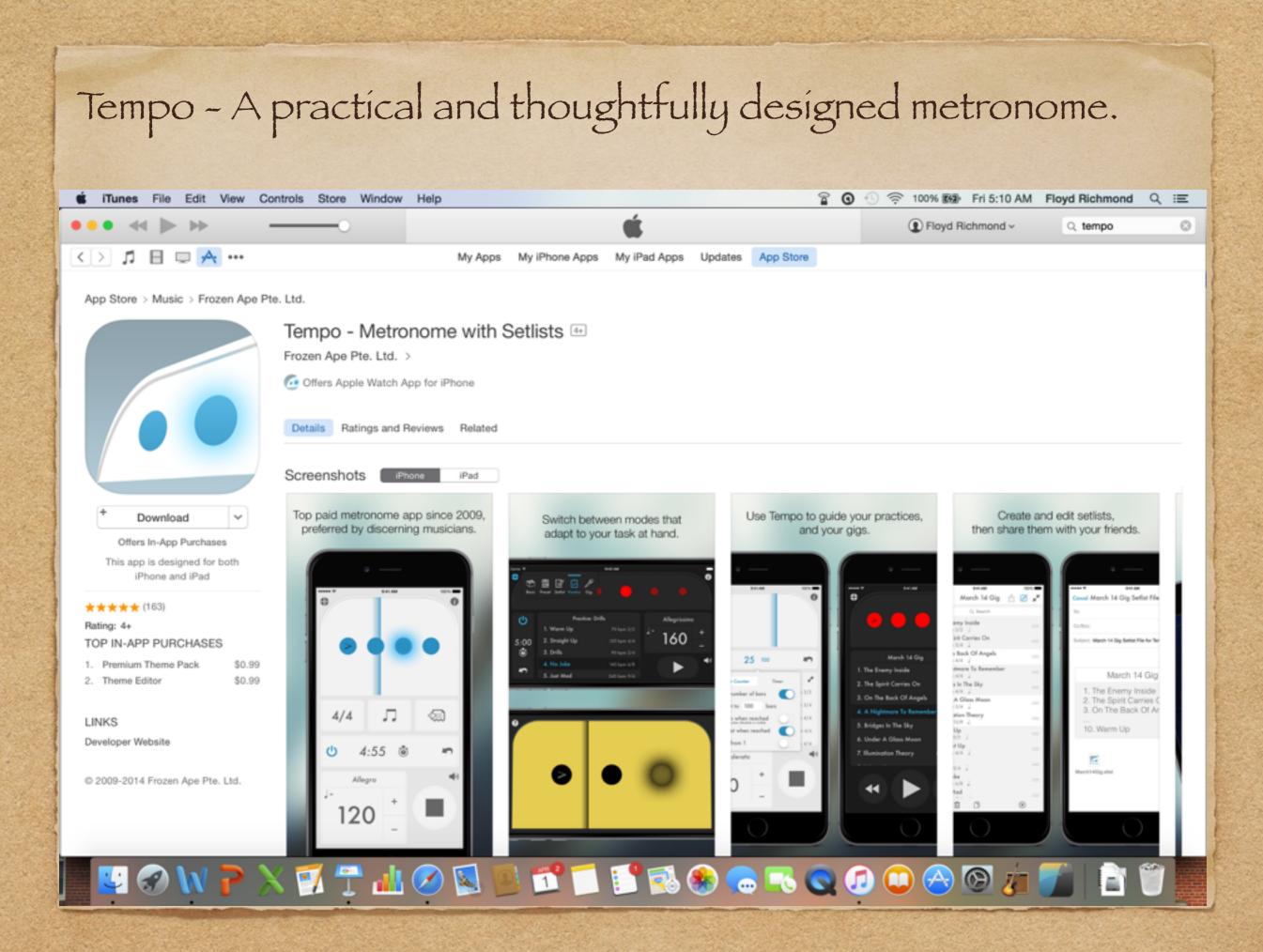
Floyd Richmond University of Valley Forge frichmond@valleyforge.edu

Pennsylvanía Musíc Educators Hershey, PA Apríl 1, 2016 <u>http://floydríchmond.com/pmea2016/</u>

iPad Apps

## Metronomes

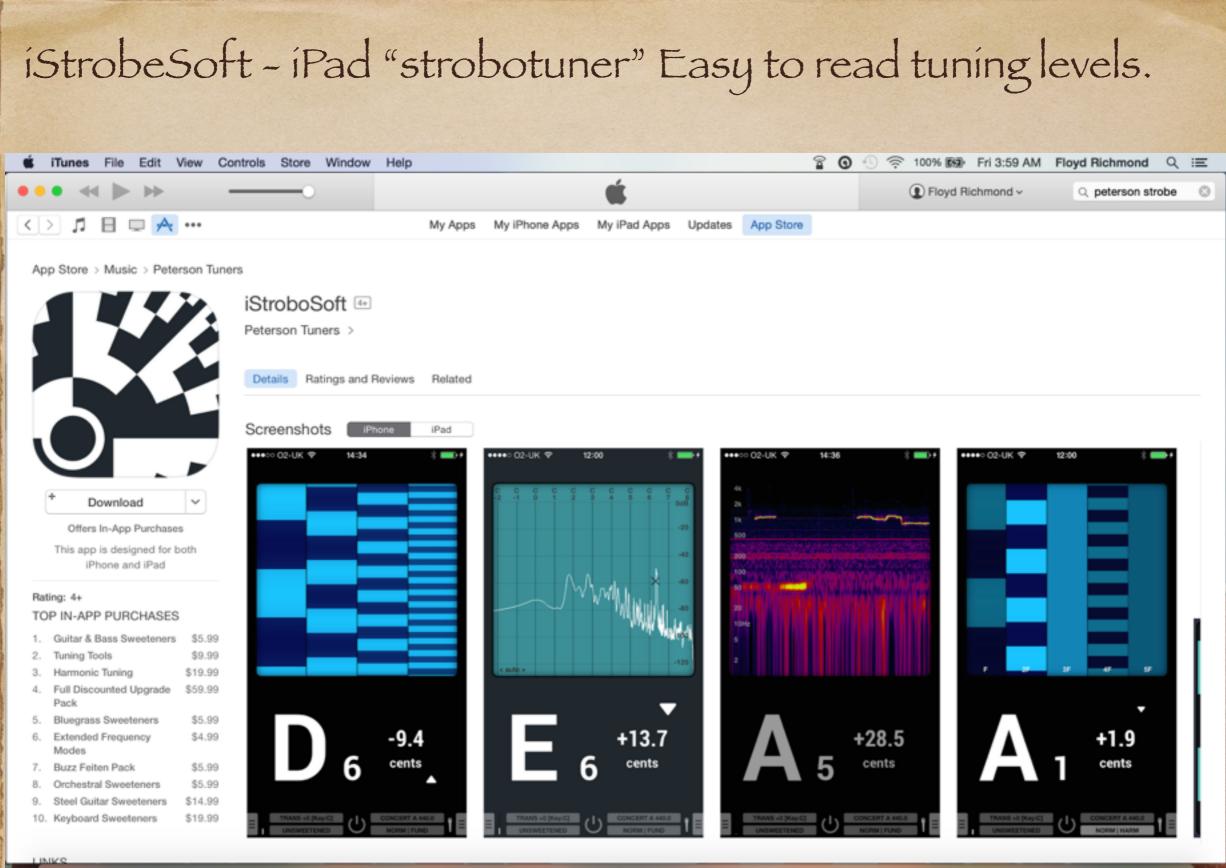




iPad Apps

## Tuners

iStroboSoft



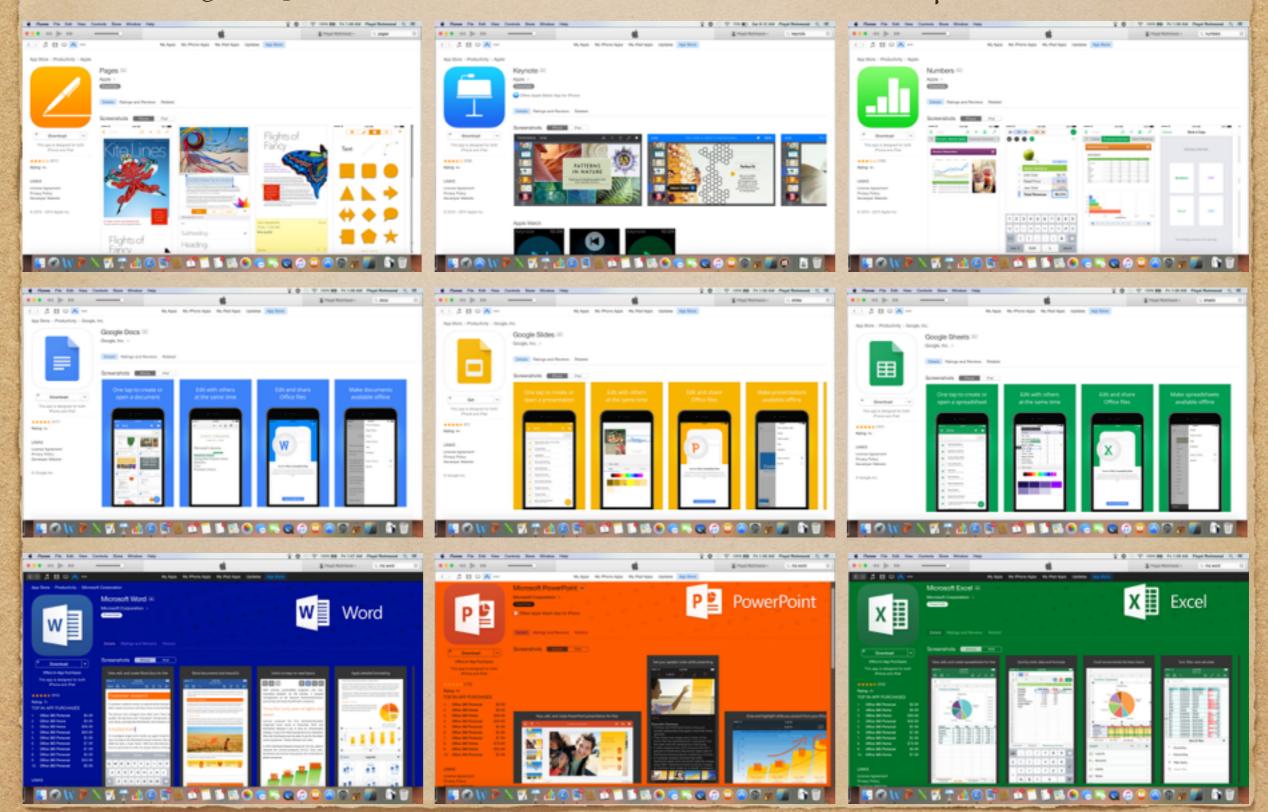
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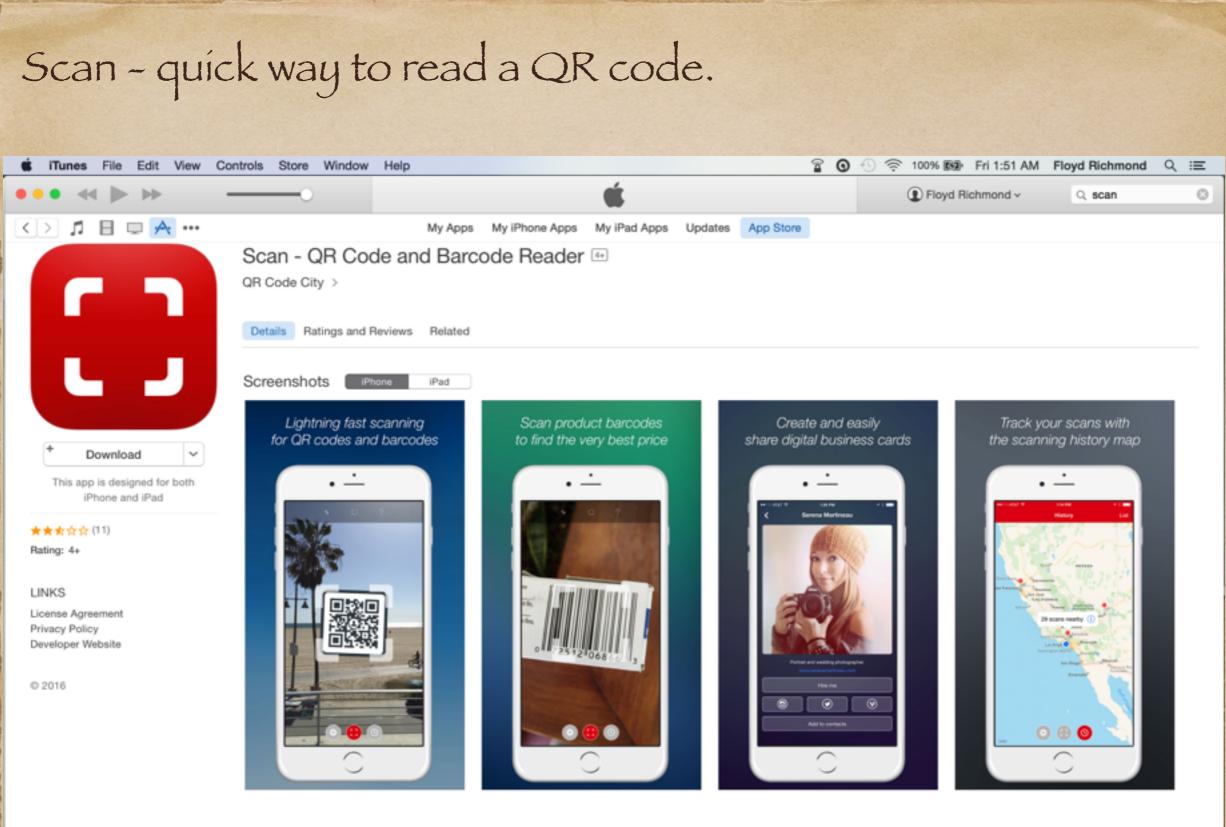
iPad Apps

Productivity Software

- APPLE: Pages, Keynote, Numbers
- MICROSOFT: Word, PowerPoint, Excel
- GOOGLE: Docs, Slides, Sheets
- Scan, Turbo Scan, Geníus Scan, TínyScan

## Apple, Google, and Microsoft Productivity Programs: Word Processor, Presentation, and Spreadsheet



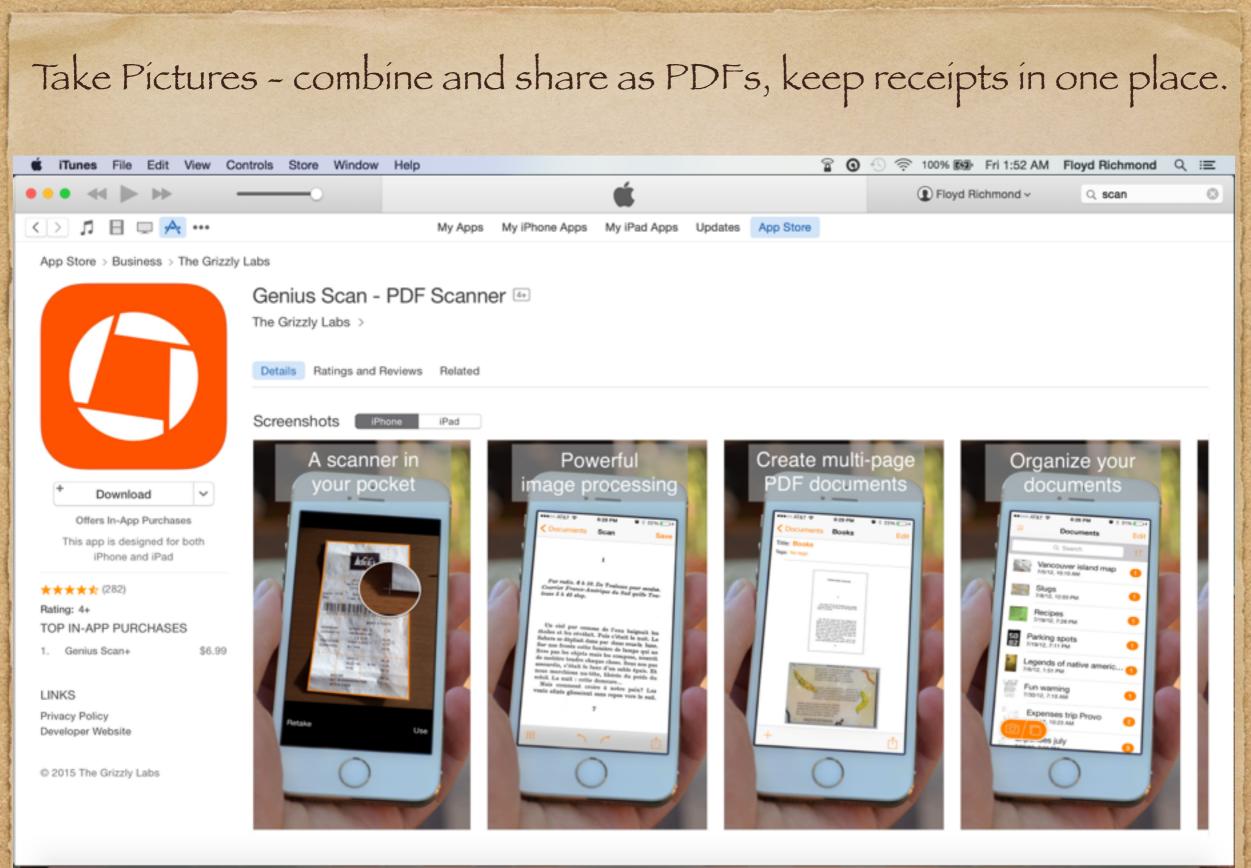


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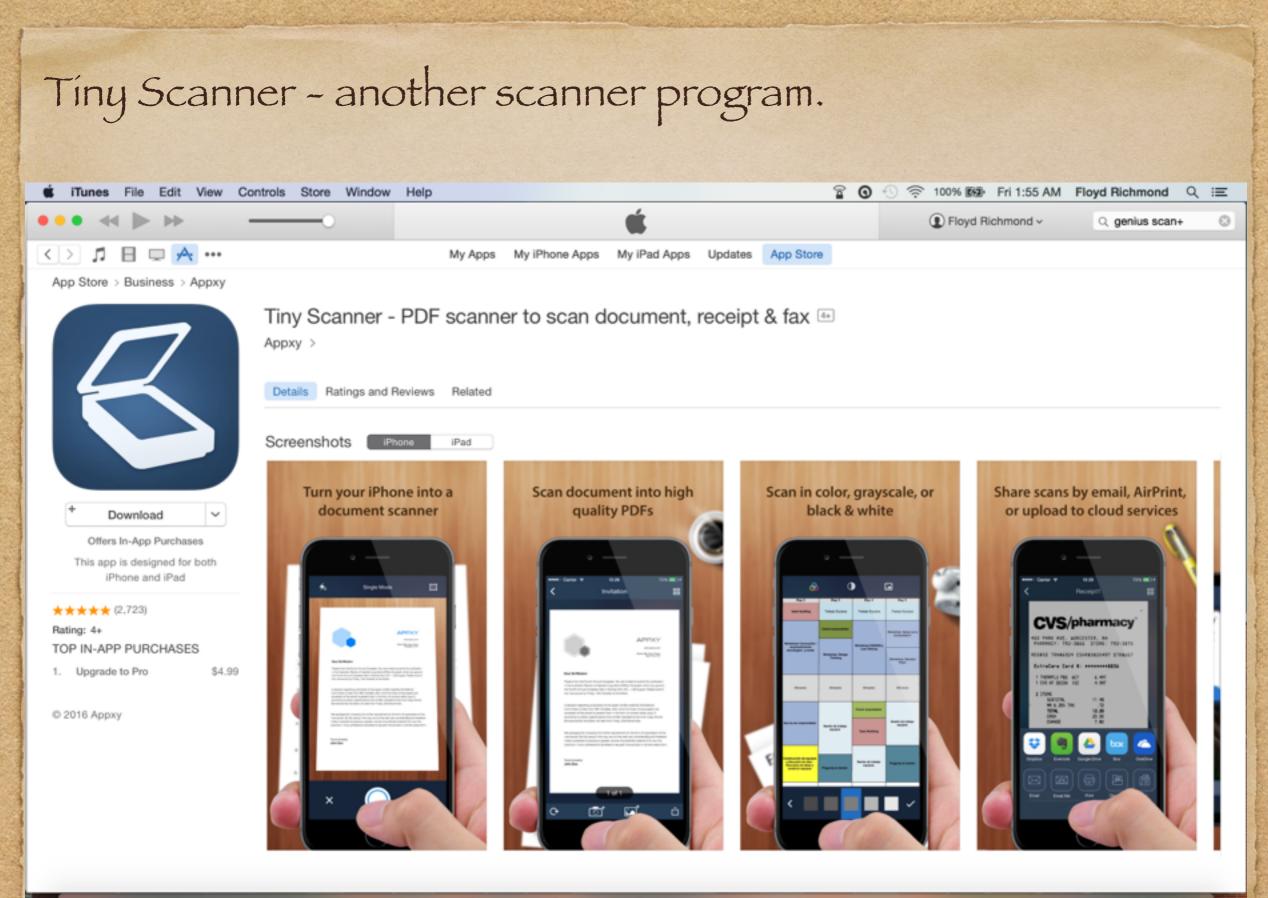
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ON SALE FOR A LIMITED TIME



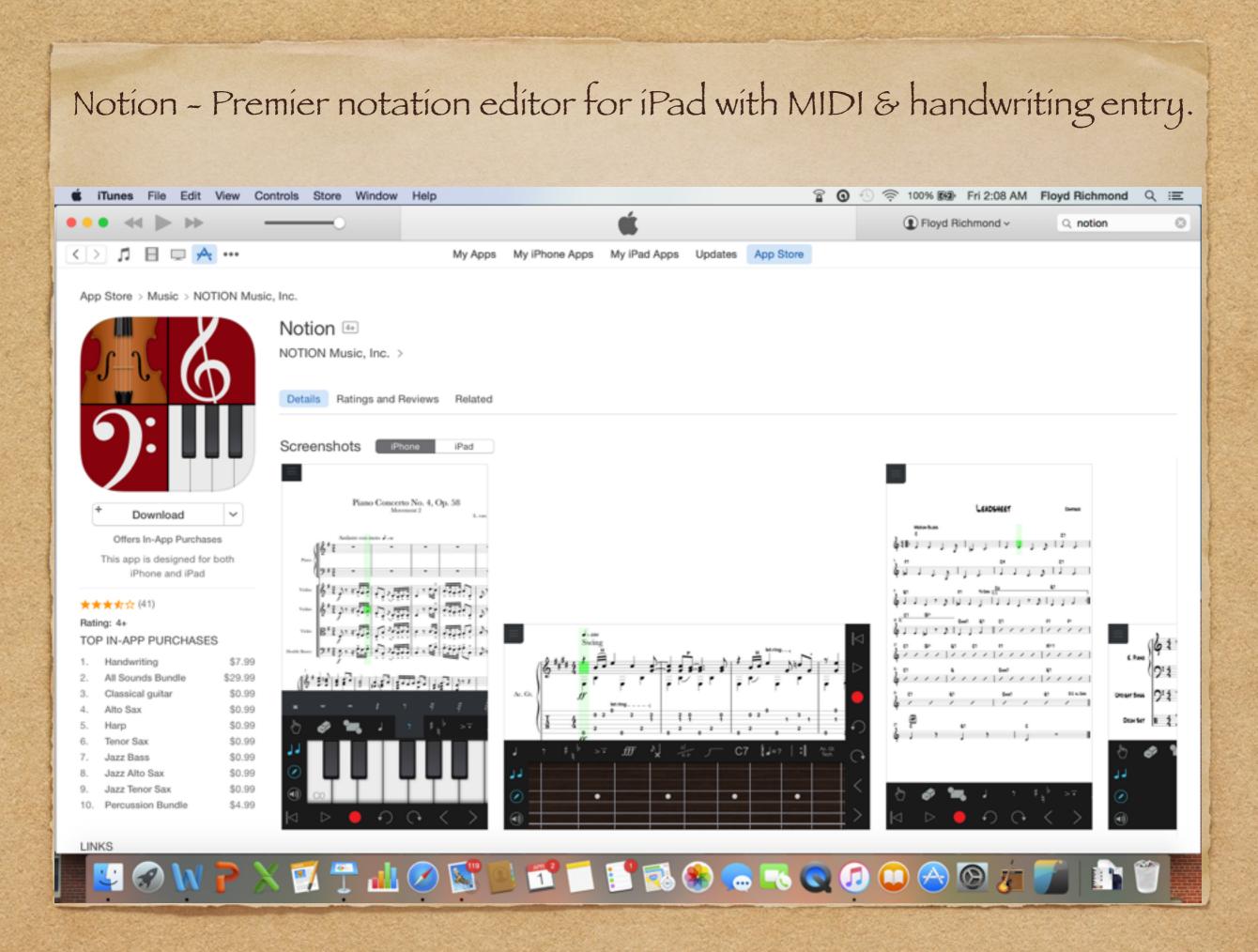


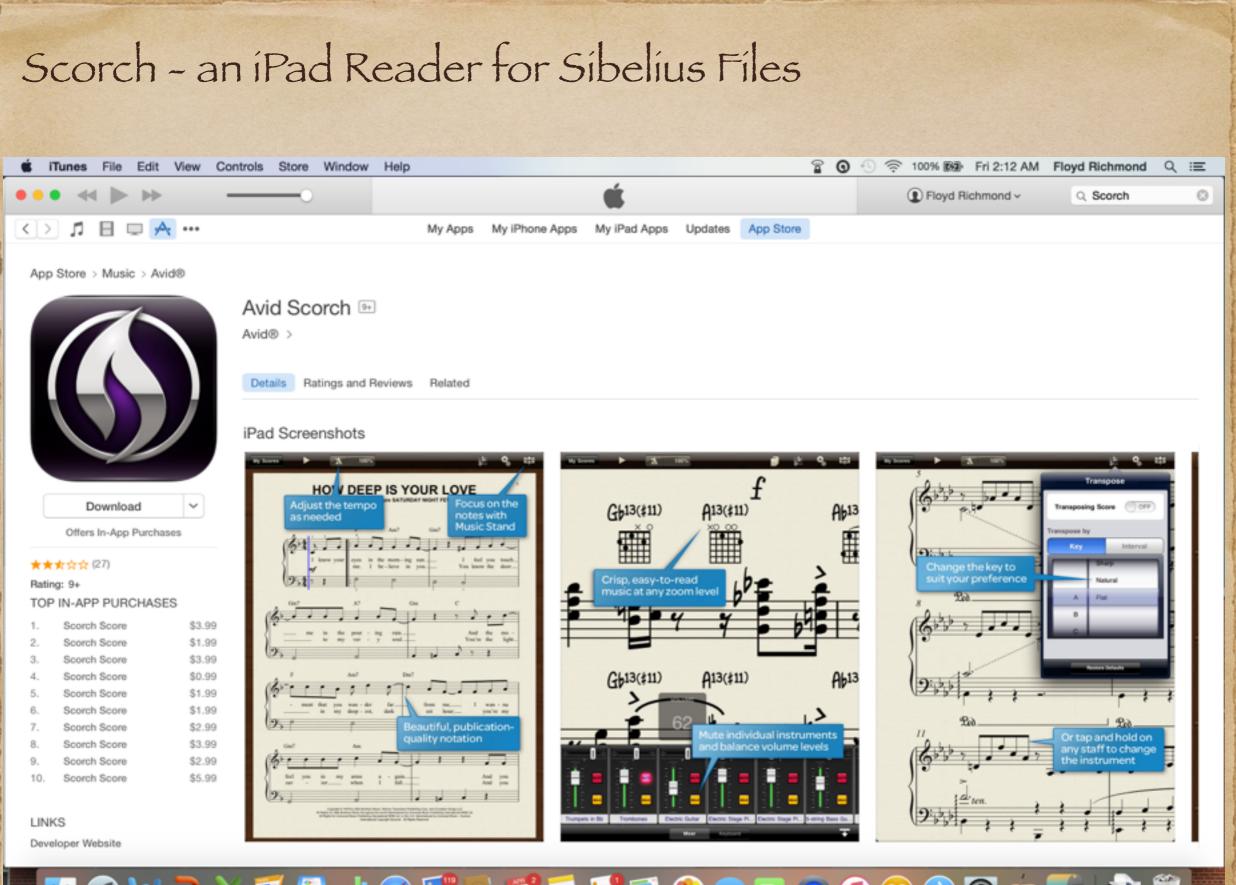
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iPad Apps Notation Apps Notion (Editor) Scorch (Reader for Sibelius)





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# iPad Apps

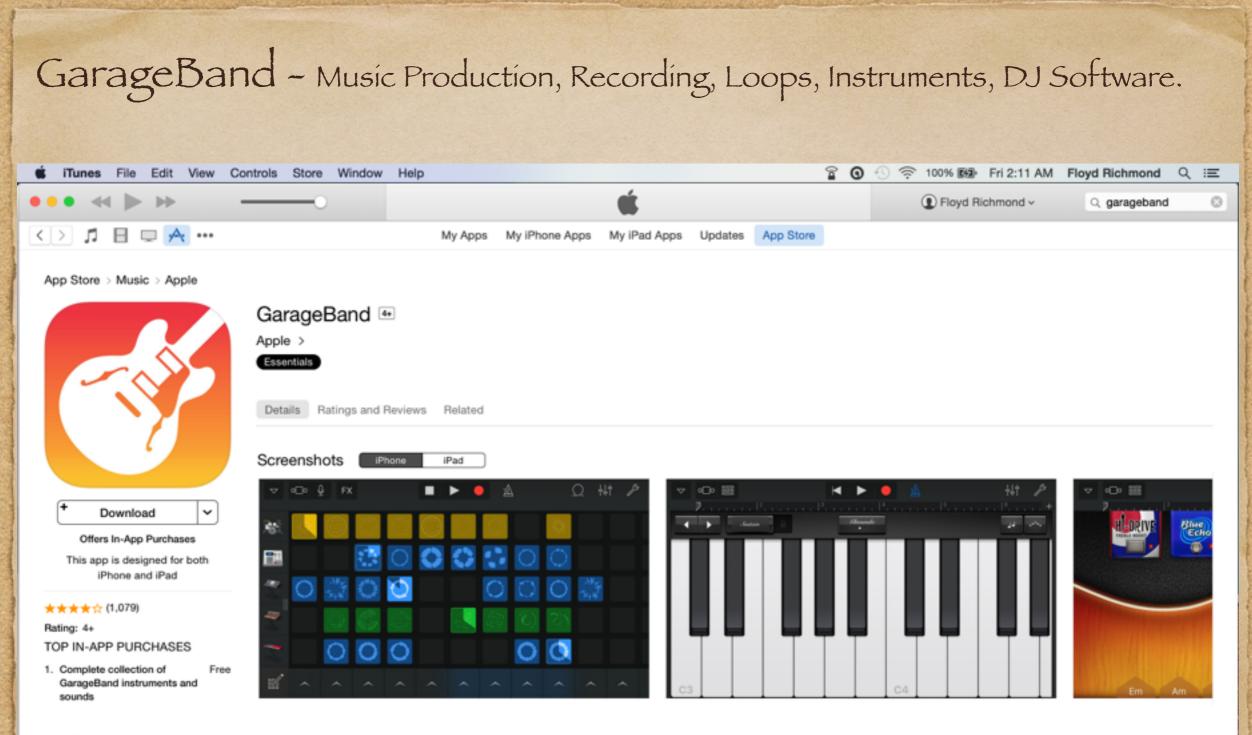
Production

GarageBand

Cubasís

Auría

Multítrack DAW



#### LINKS

License Agreement Privacy Policy Developer Website

© 2011-2016 Apple Inc. All rights reserved.

GarageBand turns your iPad, iPhone, and iPod touch into a collection of Touch Instruments and a full-featured recording studio - so you can make music anywhere you go. And now Live Loops makes it easy for anyone to have fun creating music like a DJ, by triggering loops and audio effects in real time. Use Multi-Touch gestures to play a piano, organ, guitar, and drums. They sound and play like their counterparts, but let you do things you could never do on a real instrument. Enjoy Smart Instruments that make you sound lik... more

What's New in Version 2.1 Posted Jan 20, 2016

Description

 Use Live Loops to create music by triggering instrument loops and DJ-style effects in real time using Multi-Touch gestures\* 🔁 🛞 🥽 🔜 🖉 🧟 🕆 📶 💋 🖾

1



Offers In-App Purchases

## ★★★★★ (10)

## Rating: 4+ TOP IN-APP PURCHASES

1. FX Pack 1: Reverbs & Delays \$6.99 2. FX Pack 2: Vintage FX \$6.99

#### LINKS

Privacy Policy Developer Website

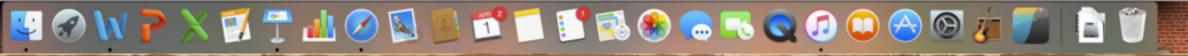
© Steinberg Media Technologies GmbH, 2015

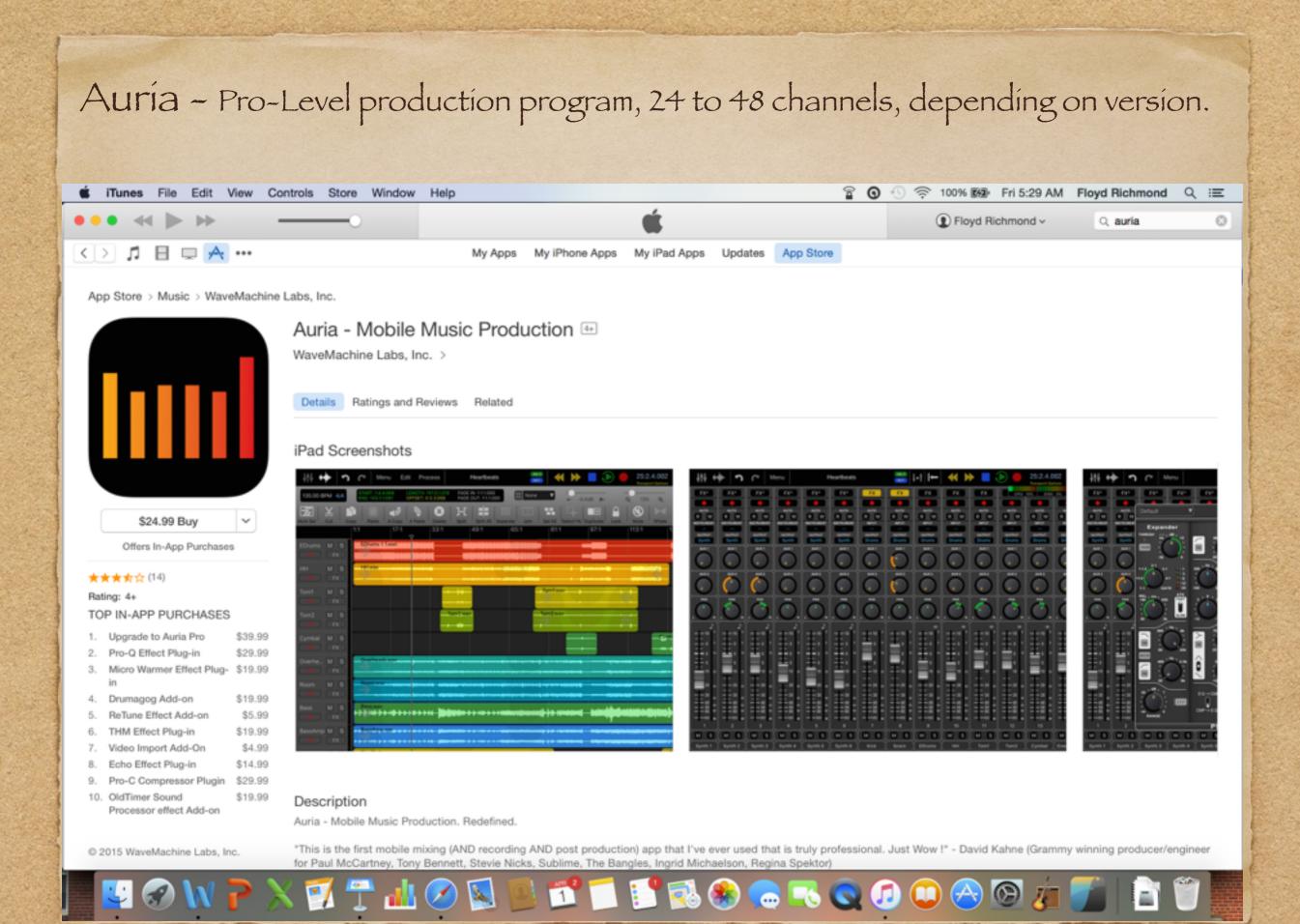


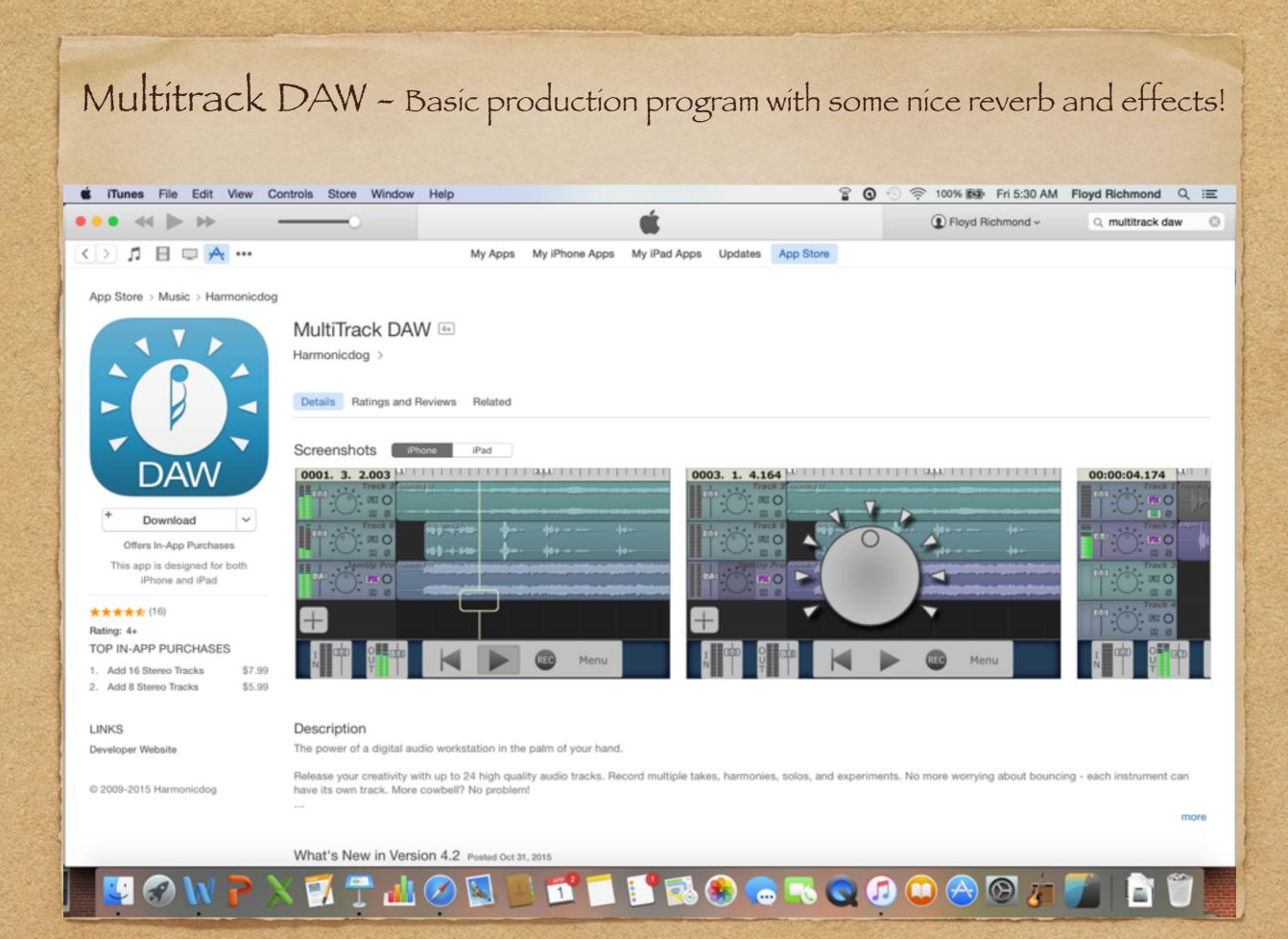


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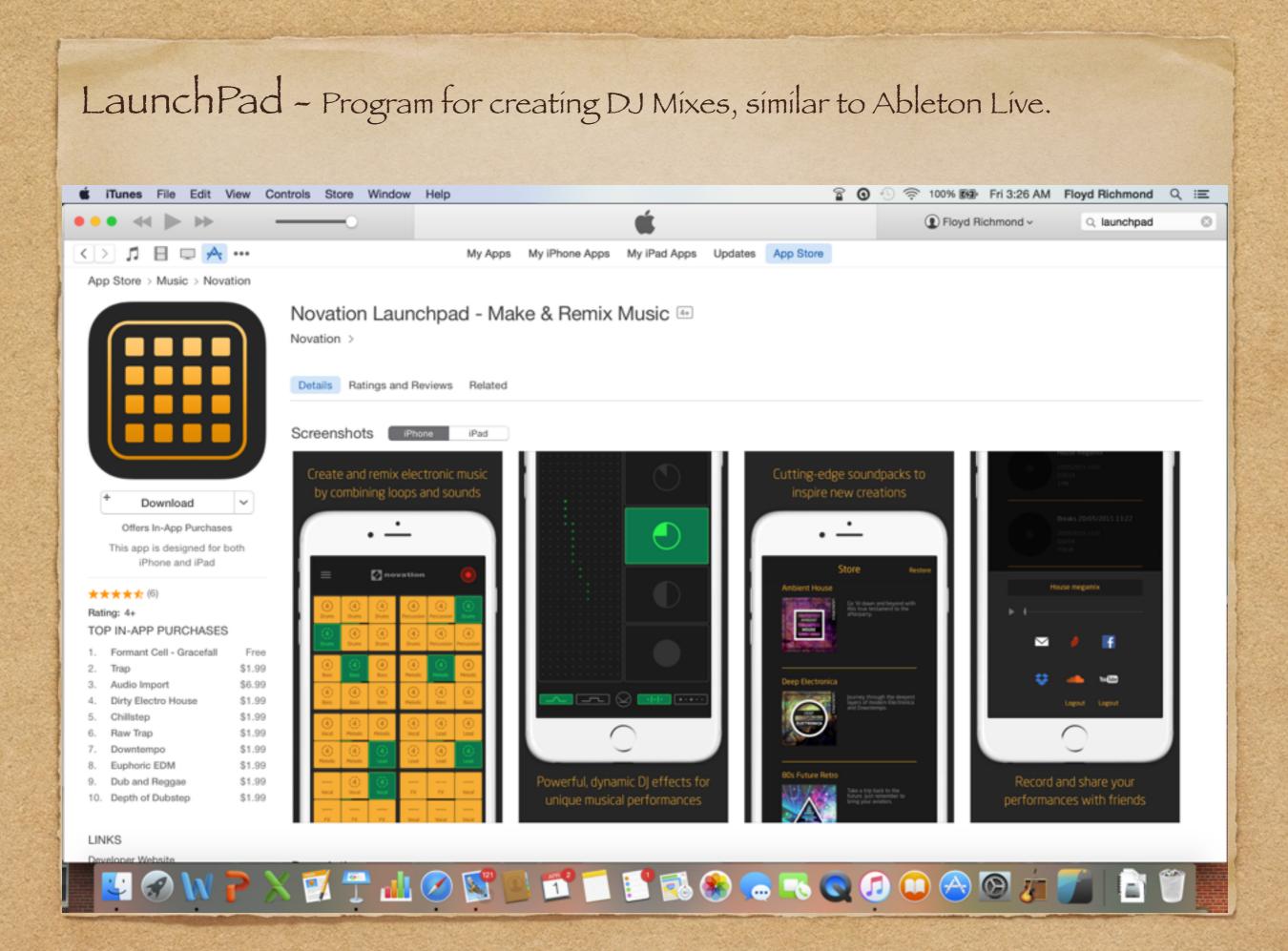
Cubasis is Steinberg's streamlined, multitouch sequencer for the iPad. Specially designed for quick and easy operation, Cubasis makes recording, editing and mixing a breeze. Record tracks in high-resolution audio quality, and edit your music with the Key and Sample Editors, while the included mixer and audio effects polish your song to perfection. Cubasis comes loaded with three virtual instruments which can be played in real time using the virtual keyboard and drum pads. Cubasis' projects can be even opened in Cubase under Windows and OS XI Cubasis places touch-intuitive production tools in your hands, opening up a new world of possibilities for your creativity.

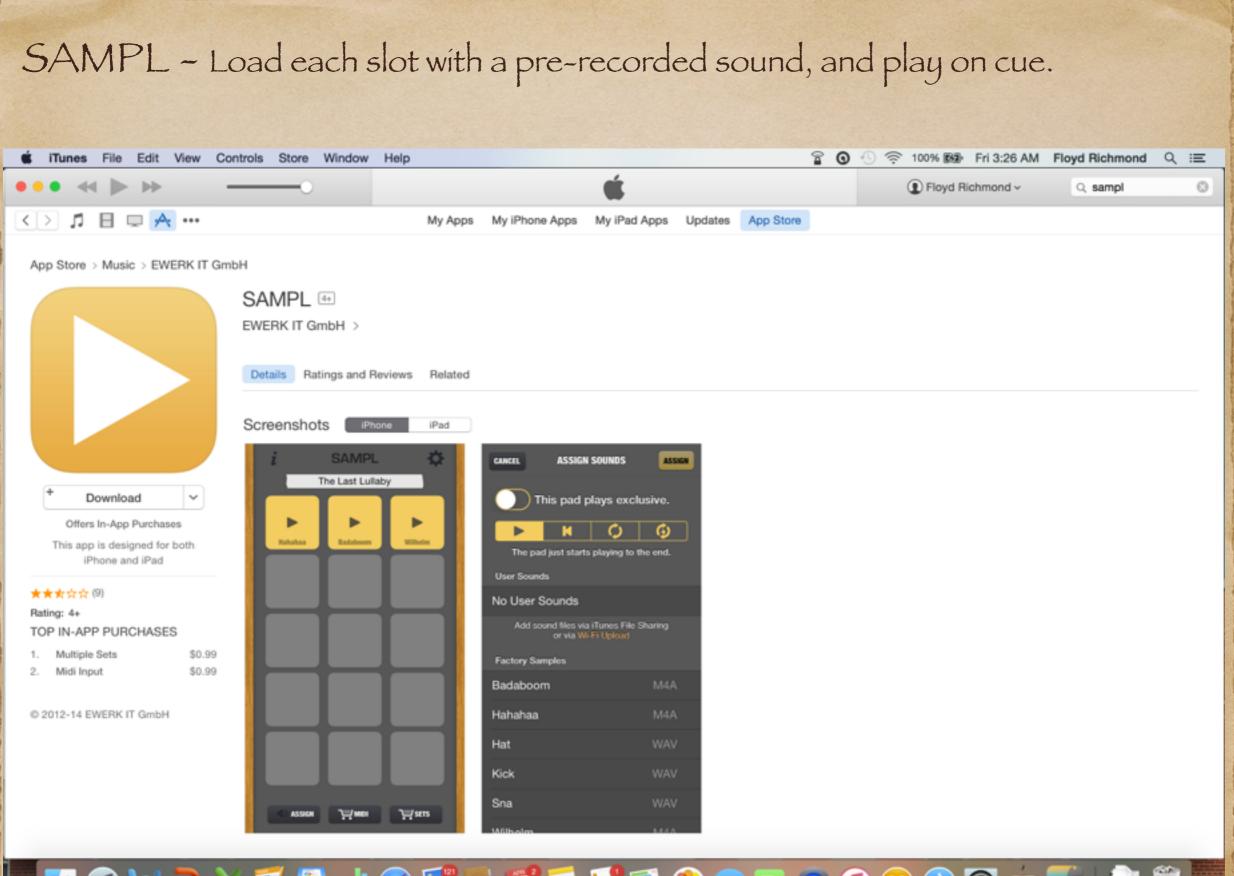






iPad Apps Unique Production Launchpad • Sampl • Every Day Looper · Loopy HD • iReal Pro

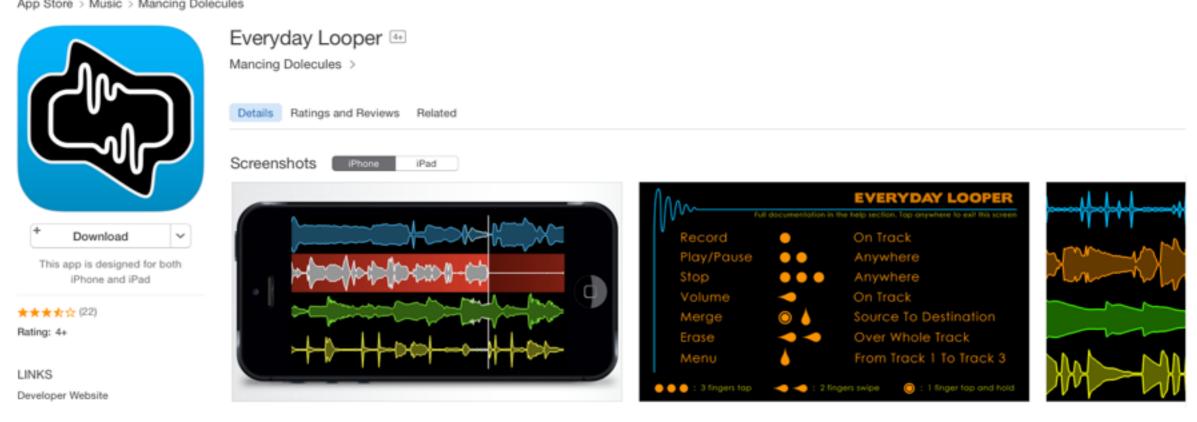




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## EveryDayLooper - Great program for creating loops. See: <u>https://www.youtube.com/watch?v=FWmhk8sxMyO</u>

| iTunes File Edit View Controls Store Window | Help 2 0  | () 🛜 100% 📾 Fri 3:22 AM Floyd Richmond Q 😑 |
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| Ann Store - Music - Manning Delegular       |   |  |



© 2009-2014 Mancing Dolecules

## Description

A video is worth a thousand words, you can check a "thrilling" demo of Everyday Looper here : http://www.tinyurl.com/ELDemo3

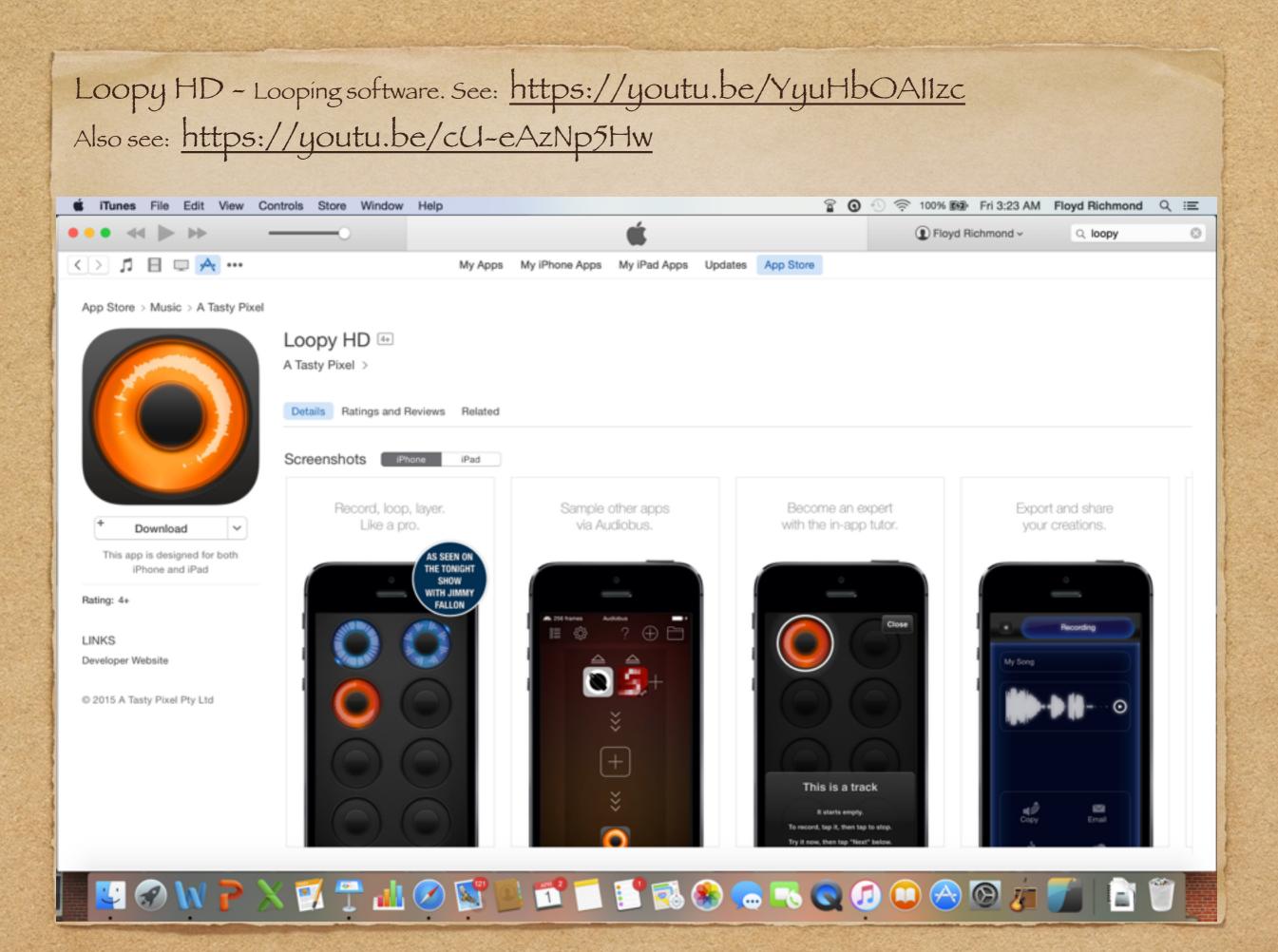
Everyday Looper allows you to record 4 musical phrases - 6 on an iPad - and loop them right away. You can then mix and merge them on the fly.

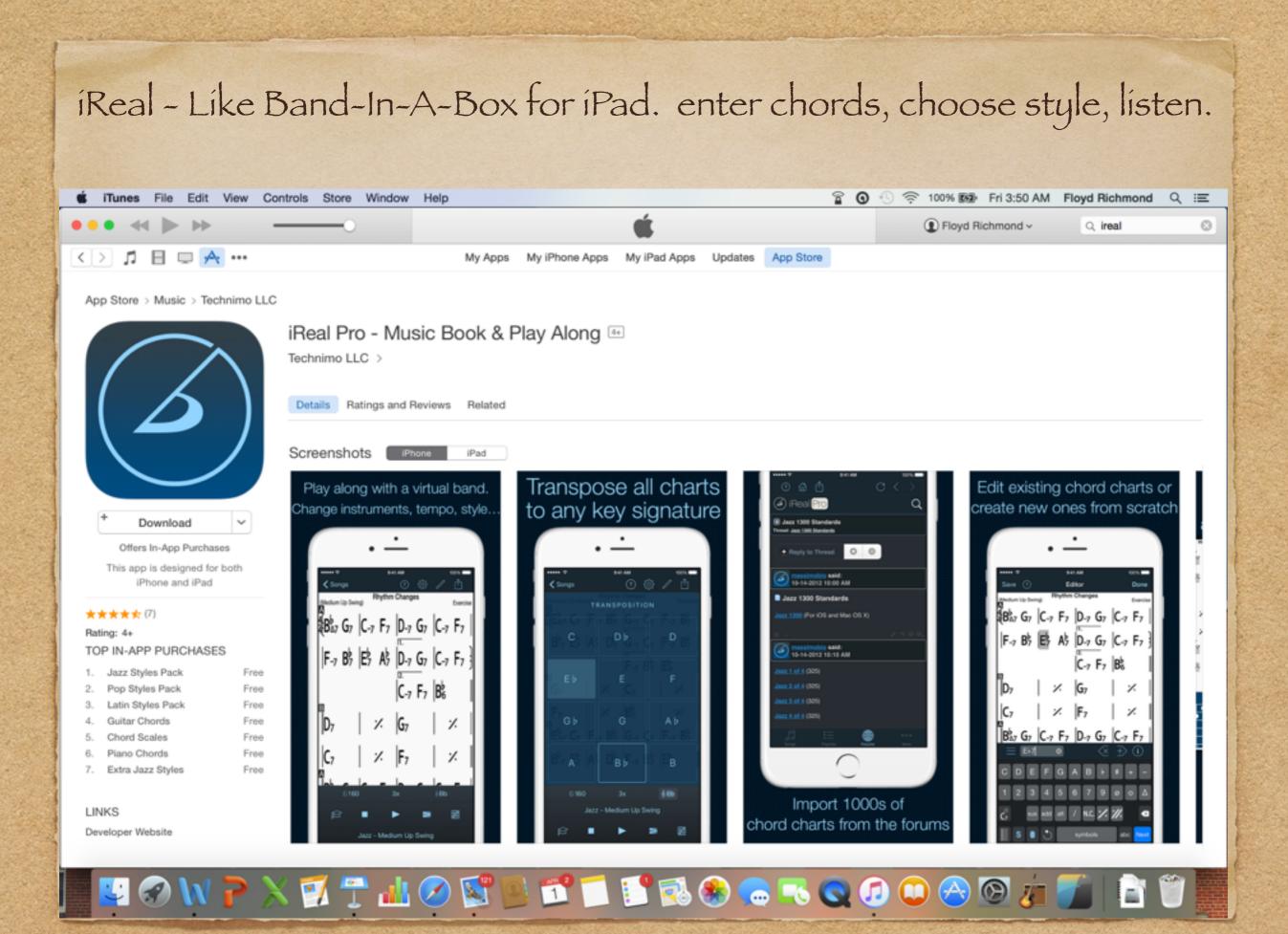
Thanks to the metronome (click track) and the auto start/stop of recording (quantized recording), reachable in the tools and options menu, it's suited for two-handed instruments too...

more

What's New in Version 1.6 Posted Jul 28, 2014





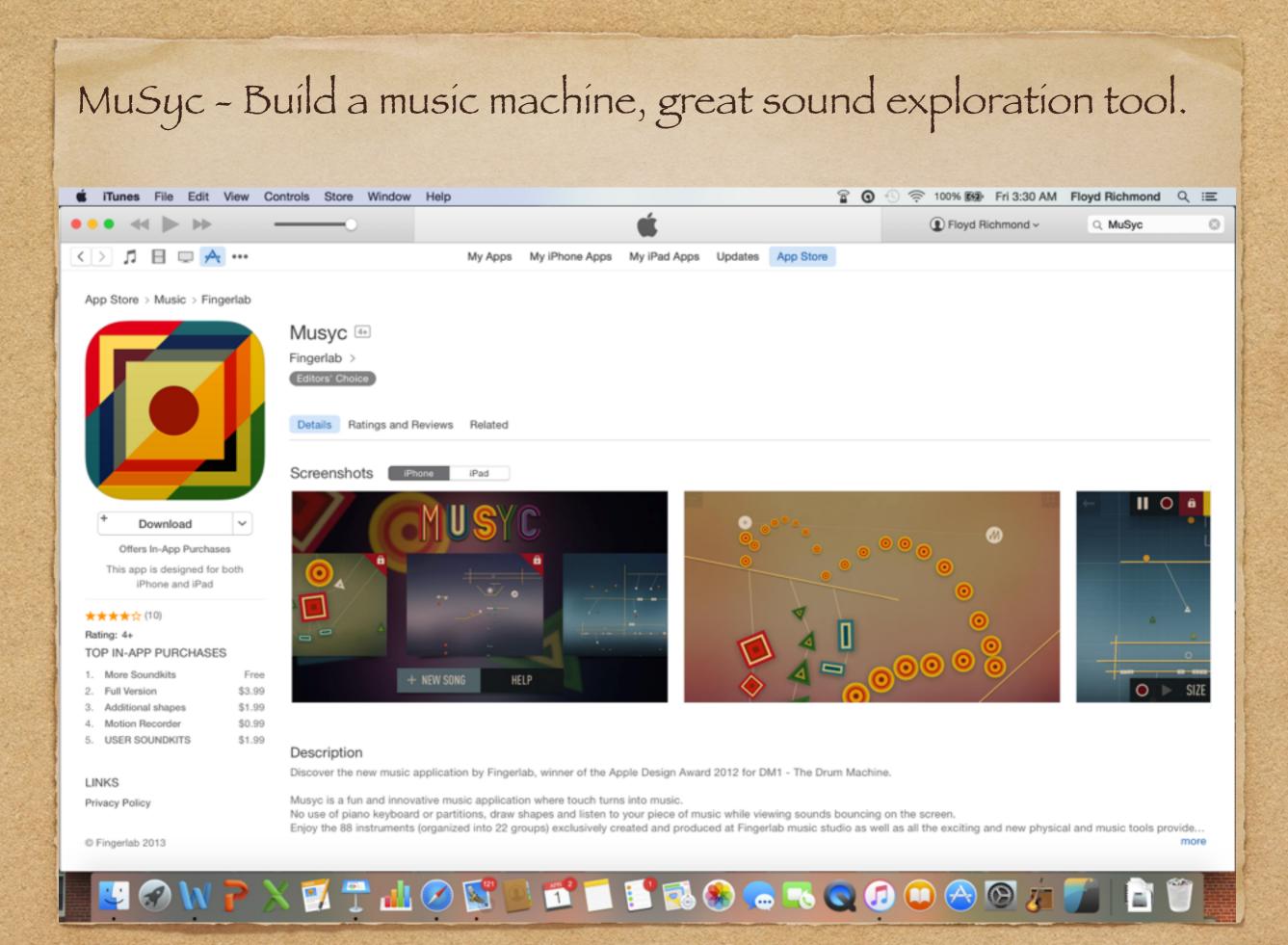


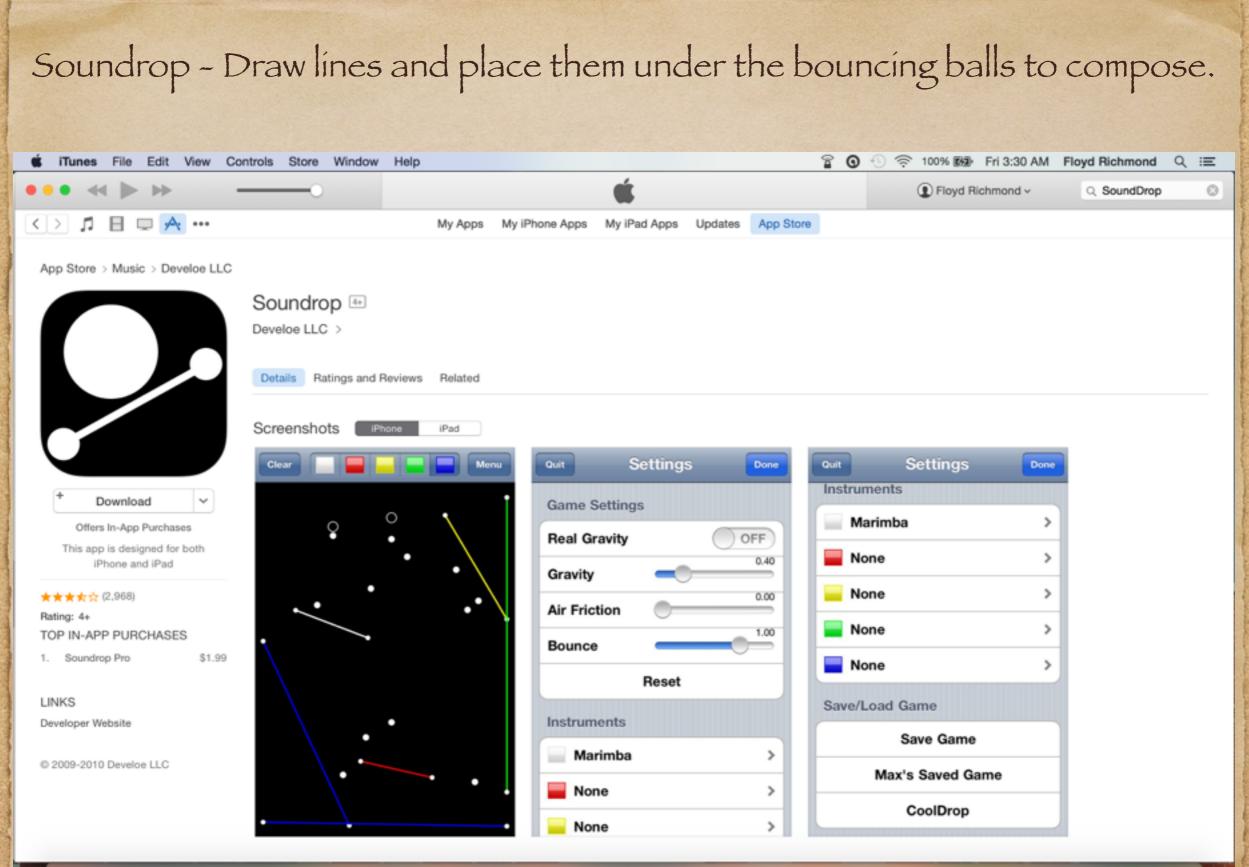
# iPad Apps Unique Production

MuSyc

SoundDrop

Rebirth





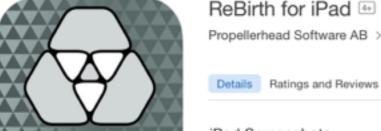
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Rebirth - Run app, press play, listen to hip hop. Press buttons on screen to edit. Very complex overall, but useful for experimenting with music even if you don't understand it.

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App Store > Music > Propellerhead Software AB







\$14.99 Buy

Rating: 4+

LINKS Developer Website

© 1997-2016 Propellerhead Software AB



## Description

Details Ratings and Reviews Related

ReBirth is back! Propellerhead Software's legendary Techno Micro Composer has been resurrected and customized for the iPad. ReBirth faithfully emulates dance music's three backbone devices: The Roland TB-303 Bass synth and the Roland TR-808 and 909 drum machines. Combine these with FX units, fully featured pattern sequencers and a gorgeouslooking interface and you're ready to make killer tracks on your iPad. Share your music with friends on Facebook, Twitter and more using the built in sharing features.



iPad Apps

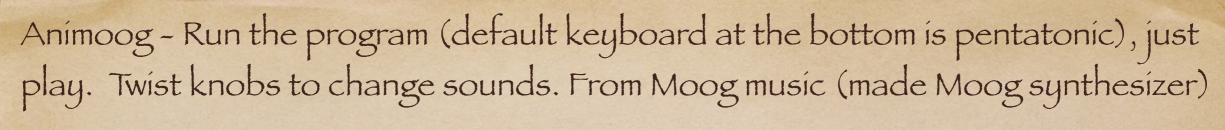
Instruments

GarageBand

Animoog

SoundPrism Pro

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App Store > Music > Moog Music Inc.



#### Offers In-App Purchases

#### Rating: 4+ TOP IN-APP PURCHASES

| 1. | Devine Expansion Pack               | \$4.99 |
|----|-------------------------------------|--------|
| 2. | Acoustic Expansion Pack             | \$3.99 |
| 3. | MIDI Expansion Pack                 | \$4.99 |
| 4. | Metallic Expansion Pack             | \$3.99 |
| 5. | Monster Moog Expansion<br>Pack      | \$4.99 |
| 6. | The Grateful Dead<br>Expansion Pack | \$4.99 |
| 7. | Minimoog Model D<br>Expansion Pack  | \$6.99 |
| 8. | BASE Pack                           | Free   |
| 9. | Vintage Synth Expansion<br>Pack     | \$3.99 |

10. Vintage FX Expansion Pack \$3.99



#### Description

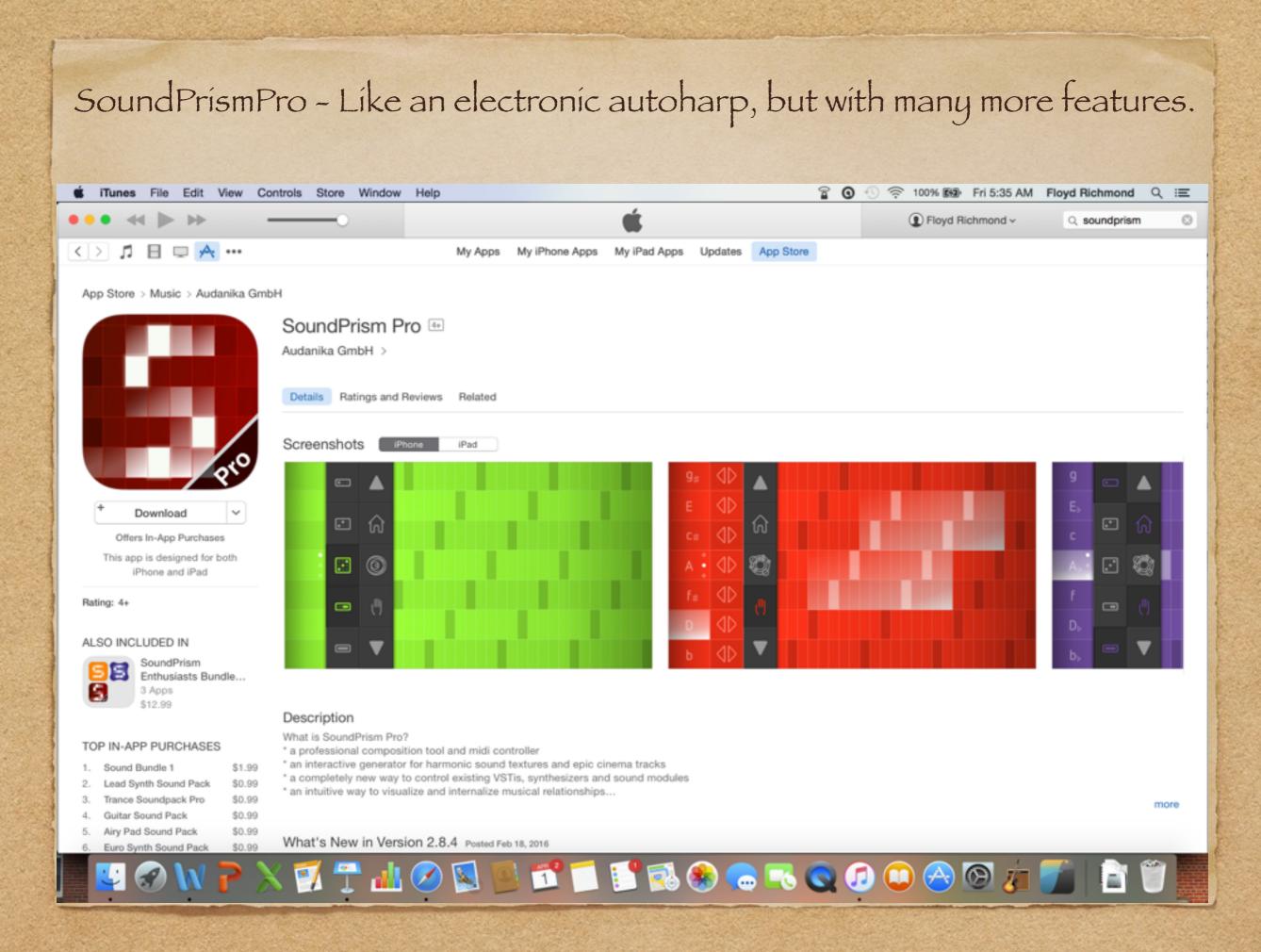
Animoog 🖶

Animoog, powered by the new Anisotropic Synth Engine (ASE), is Moog Music's first professional polyphonic synthesizer designed exclusively for the iPad. ASE allows you to move dynamically through an X/Y space of unique timbres to create a constantly evolving and expressive soundscape.

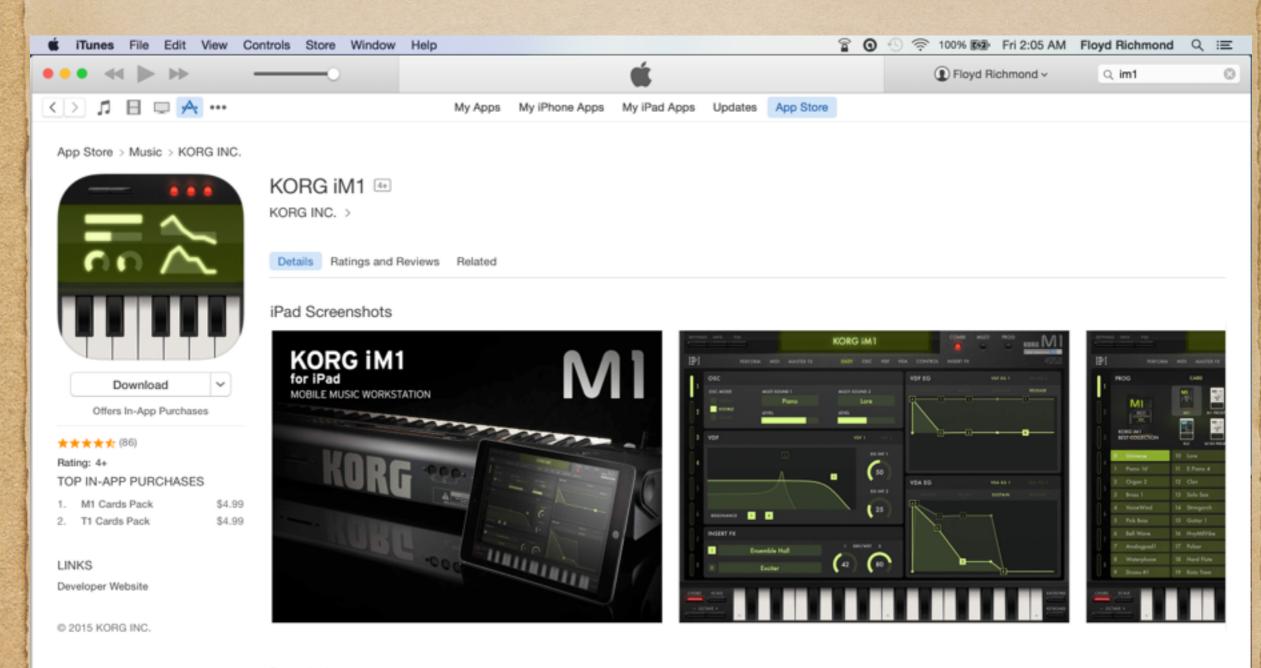
LINKS

Animoog captures the vast sonic vocabulary of Moog synthesizers and applies it to the modern touch surface paradigm, enabling you to guickly sculpt incredibly fluid and dynamic

1 (0)



## íMI - a vírtual MI keyboard with 100s of sounds. Play from the screen or using a MIDI keyboard (with Apple's Camera connection kit).



## Description

A complete reproduction - and more - of the legendary M1 that defined an era. Mobile Digital Synthesizer for the iPad.

Selected by Apple as "App Store Best of 2015"

Ranked #1 on the App Store on Top Paid Music category in more than 20 countries! (15/5/27)



iPad Apps Drum Machines

Funk Box

• iMaschine

• EasyBeats LE

FunkBox - It plays drums, run it, press the 10 big buttons for different patterns and fills. Customize by selecting other drum machines for the buttons to control.

| iTunes File Edit View Controls Store Window Help  | ි 🗿 🕙 🤶 100% ඕඣ Fri 5:36 AM | Floyd Richmond Q :Ξ |
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| K > J E C App Store My iPhone Apps My iPad Apps Updates App Store   |                             |                     |
| App Store > Music > Synthetic Bits, LLC   |                             |                     |
| FUNK FunkBox Drum Machine Im Synthetic Bits, LLC >  |                             |                     |
| Details Ratings and Reviews Related   |                             |                     |
| Screenshots IPhone IPad   |                             |                     |
| <ul> <li>Download</li> <li>→ Download</li> <li>→ Download</li></ul> |                             | RS CL LT            |
| This app is designed for both iPhone and iPad   |                             |                     |
| ★★★★★ (6)<br>Ballon (4)   |                             |                     |
| Rating: 4+  | OH RS LT CB CC (MST         |                     |
| LINKS FLINK TAD MIX EDIT BOX FLINK TAD  | MIX EDIT BOX                | FUNK TAP            |
| Developer Website   |                             |                     |

© 2015 Synthetic Bits LLC

## Description

Funkbox contains all your favorite vintage drum machine sounds in one funky quirky little app! FunkBox is a full featured drum machine that you can use to compose, record and play your songs live. It has been used in the studio by electronic artists such as Gorillaz (on their album "The Fall") and Tom Middleton (Global Communications, Jedi Knights), and also by alternative/indie musicians such as tUnE-yArDs, Mark Lanegan (Screaming Trees, QOTSA), Anton Newcombe (Brian Jonestown Massacre), and Reggie Pace (Bon Iver). It's also been used on stage by rock/pop musicians such as Joan Osborne and Glenn Tilbrook (Squeeze) live in concert. Its quirky vintage sounds, ease of use and advanced features have made it popular with tons of musicians who have used it to make all sorts of different styles of music worldwide....

more

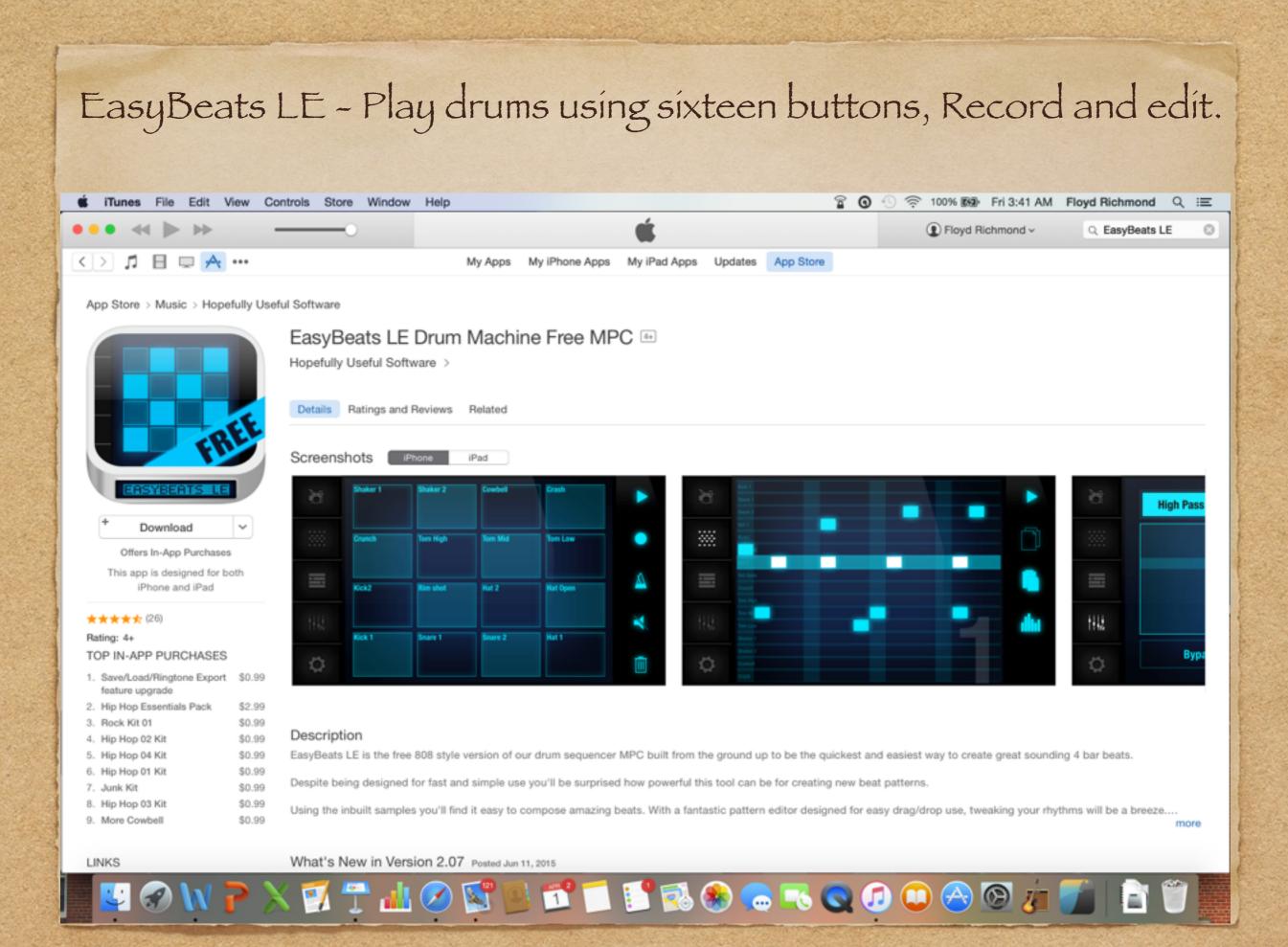
What's New in Version 3.6 Posted Nov 4, 2015

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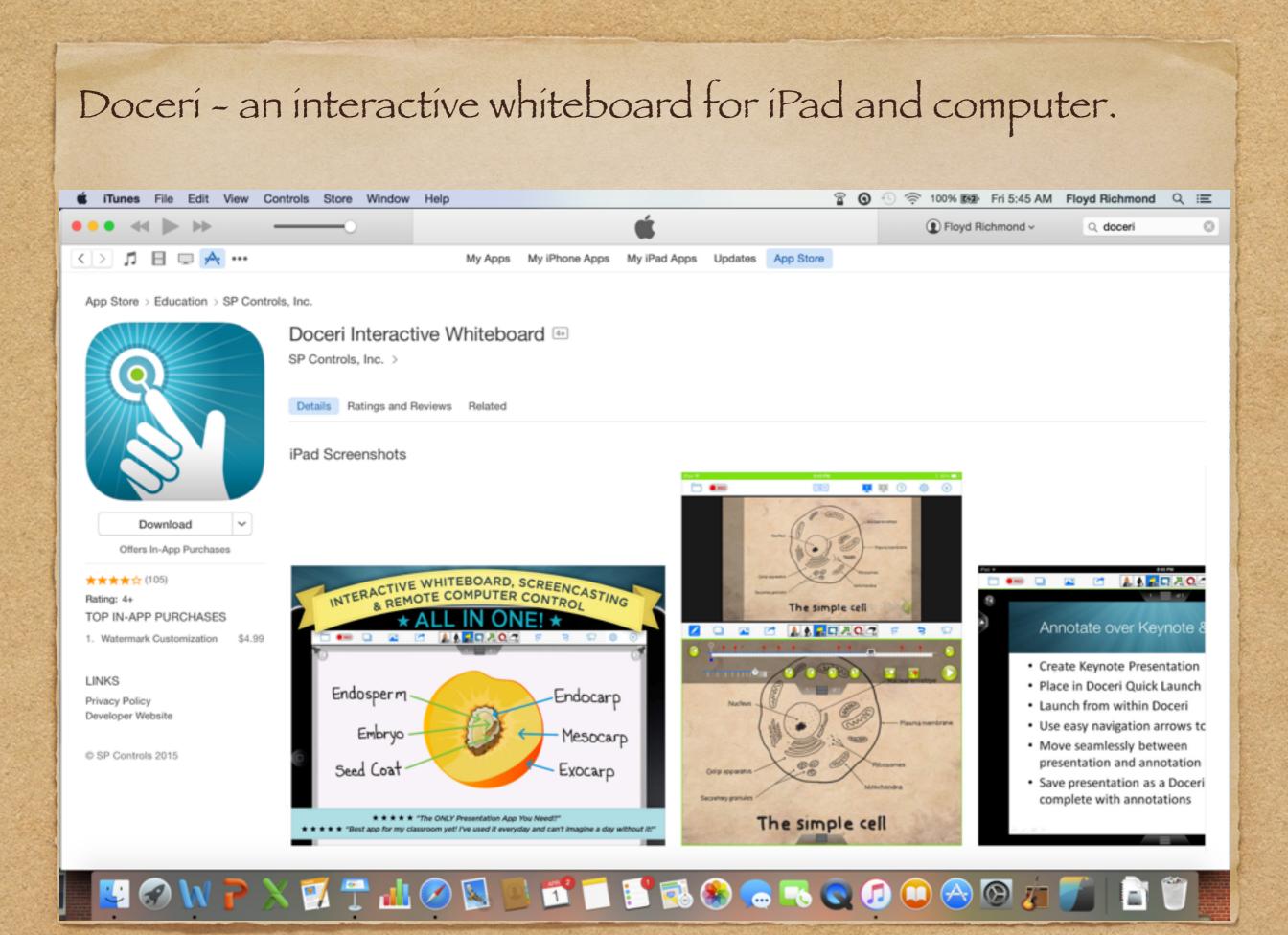
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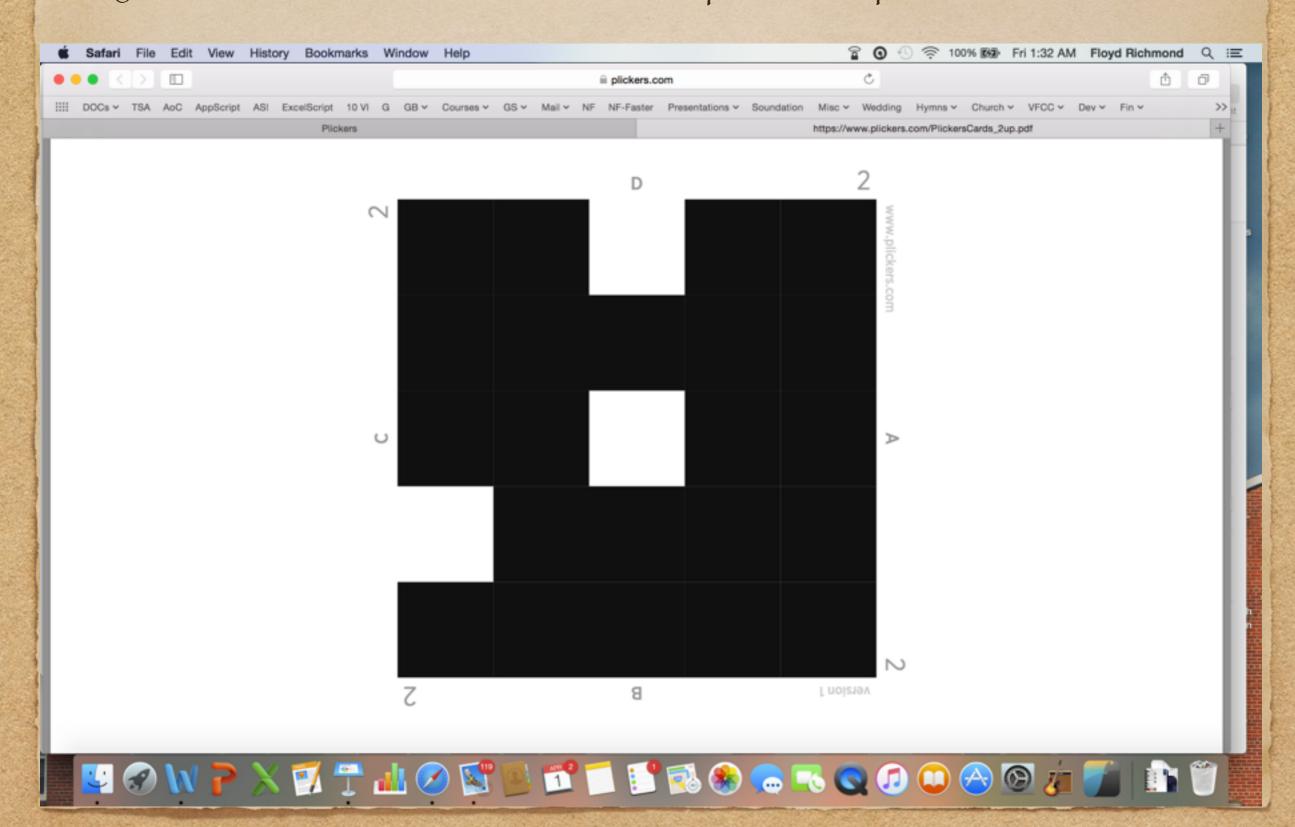
íPad Apps Classroom Helps

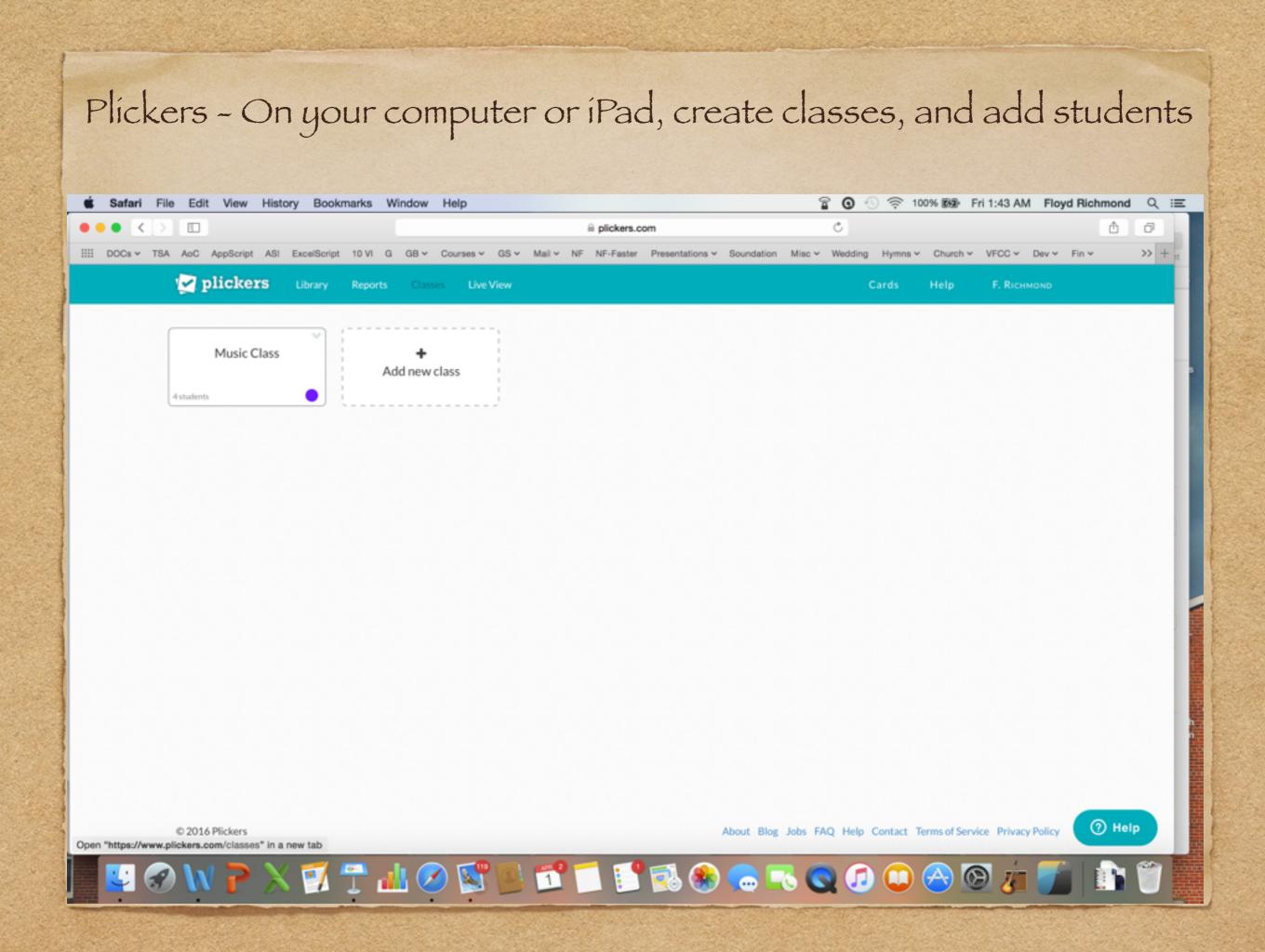
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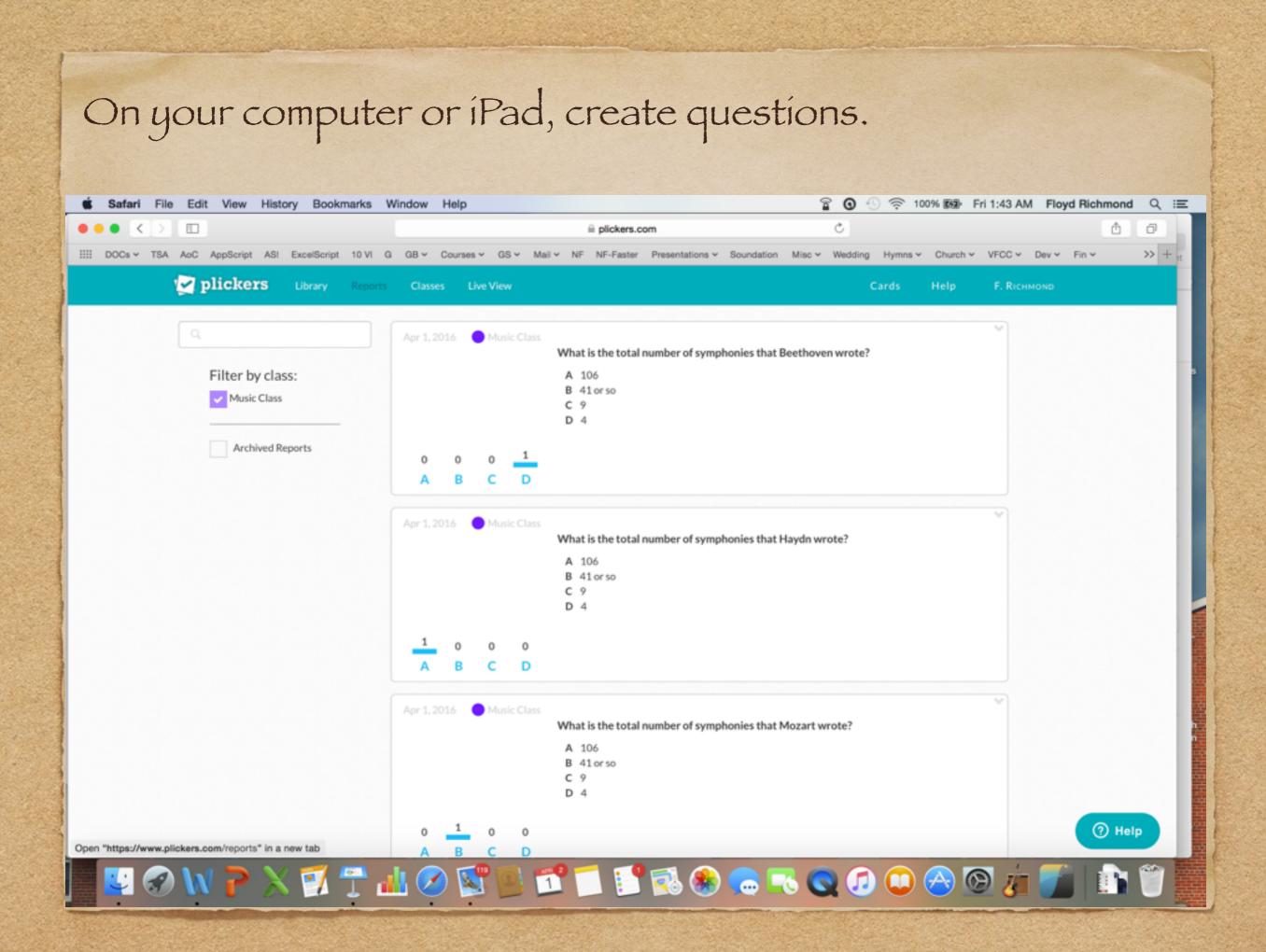
AírServer (Computer App)
Reflector (Computer App)
Plíckers



#### Plickers - print 40 cards (all different and give to students). They rotate them to answer A, B, C, D Multiple choice questions.







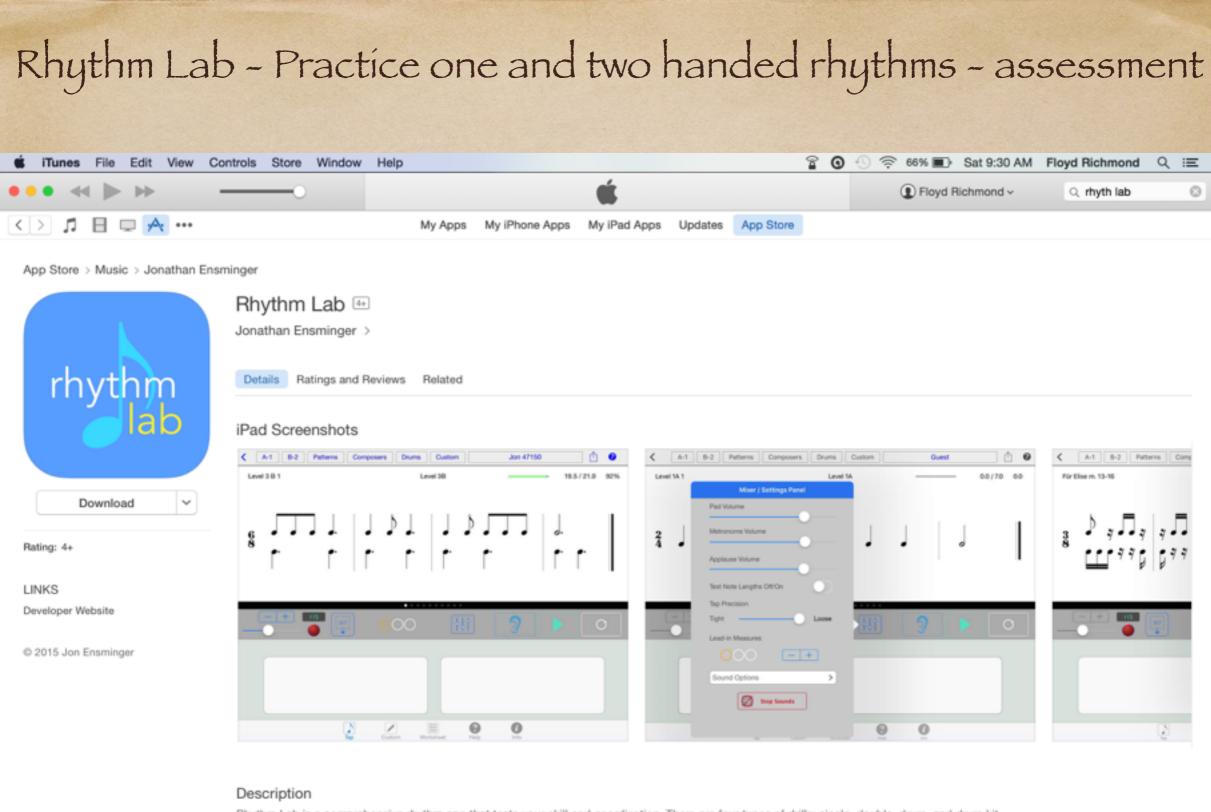
## Plickers - On iPad, ask questions, and point camera at students holding cards. It calculates results.

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#### Pluckers - You can see the answers of individual students. Safari File Edit View History Bookmarks Window Help 🖀 🕢 💮 🗇 🕅 100% 📾 Fri 1:43 AM Floyd Richmond 🔍 🖃 ••• • • • Ċ Ô ii plickers.com Ð III DOCs V TSA AoC AppScript ASI ExcelScript 10 VI G GB V Courses V GS V Mail V NF NF-Faster Presentations V Soundation Misc V Wedding Hymns V Church V VFCC V Dev V Fin V >> + plickers Library Reports Classes Live View Cards F. RICHMOND $\ll$ Sunday, Mar. 27 - Saturday, Apr 2 Music Class --% 4 questions ~ ~ ~ ~ What is the What is the What is the What is the Card Total Student Name Music Class \* total number of total number of total number of total number of 1# 56 symphonie... symphonie... symphonie... symphonie.. --% --% --% --% --% 1 Bea Minor --% 03/27/16-04/02/16 D в А D 2 Aye Major --% 3 Cee Songs --% 4 Dee Crescendo --% ⑦ Help v P 🔀 🛒 🕆 📣 🖉 🕼 🗂 🗂 🗊 🕵 🏵 🤜 🐨 🙆 🌆 🎁 👘

íPad Apps Instructional Software

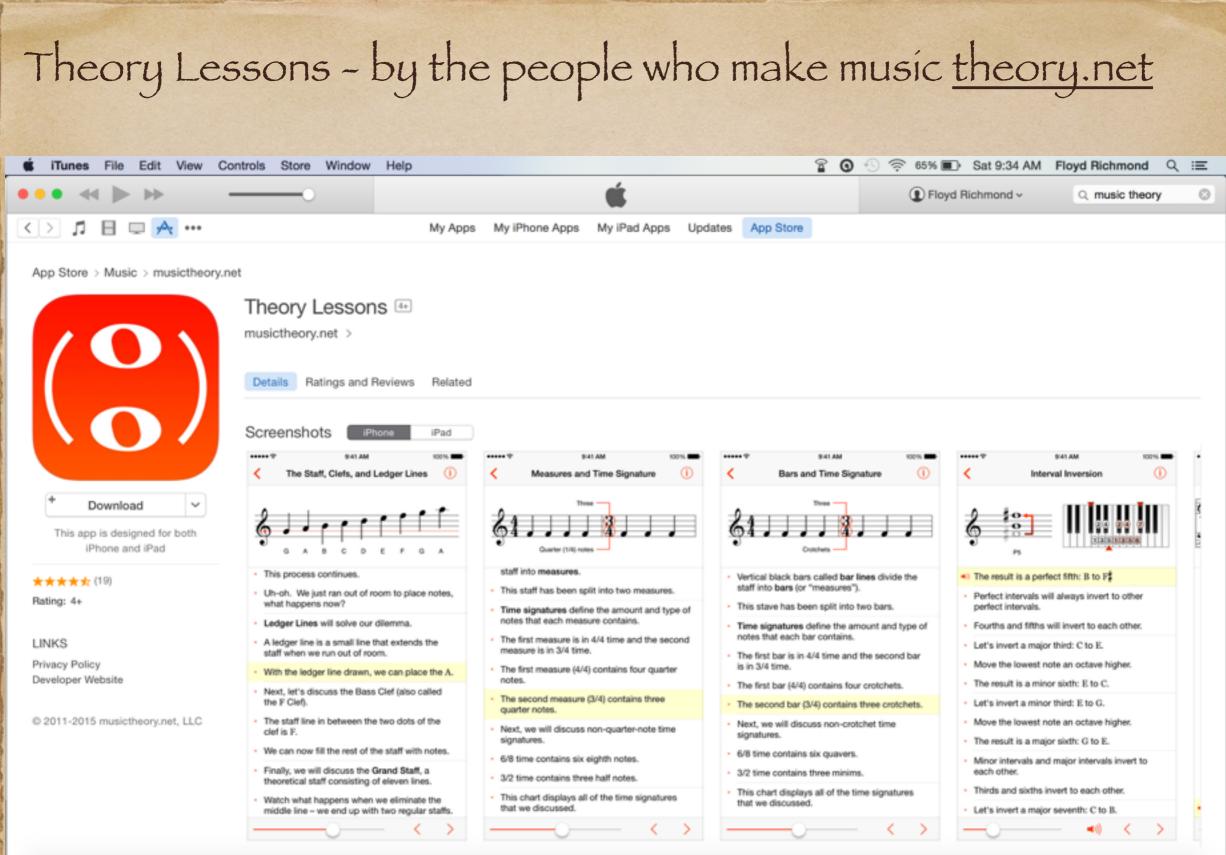
- RhythmLab
- Theory
- Tenuto
- SmartMusic



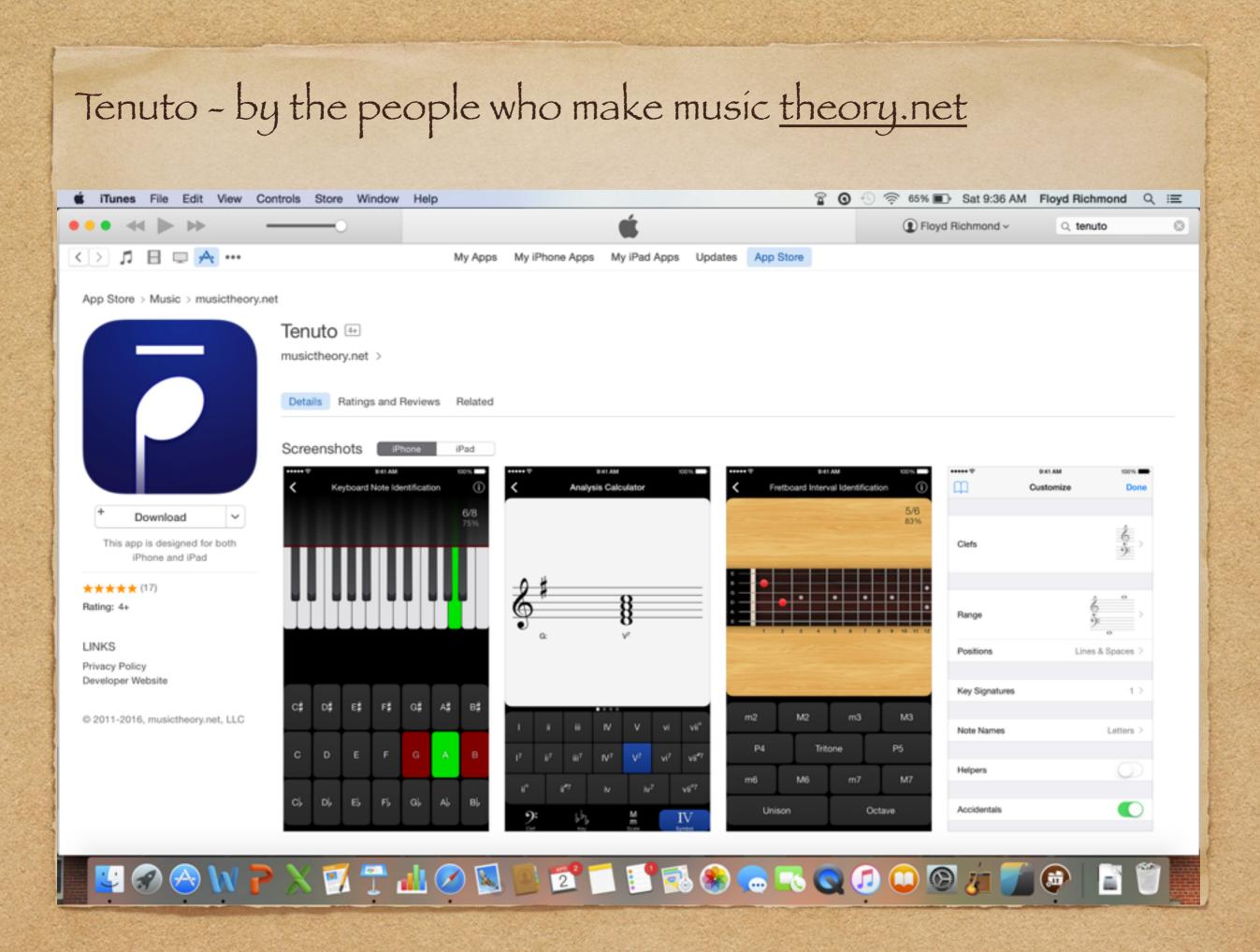
Rhythm Lab is a comprehensive rhythm app that tests your skill and coordination. There are four types of drills: single, double, drum, and drum kit.

Rhythm Lab features:

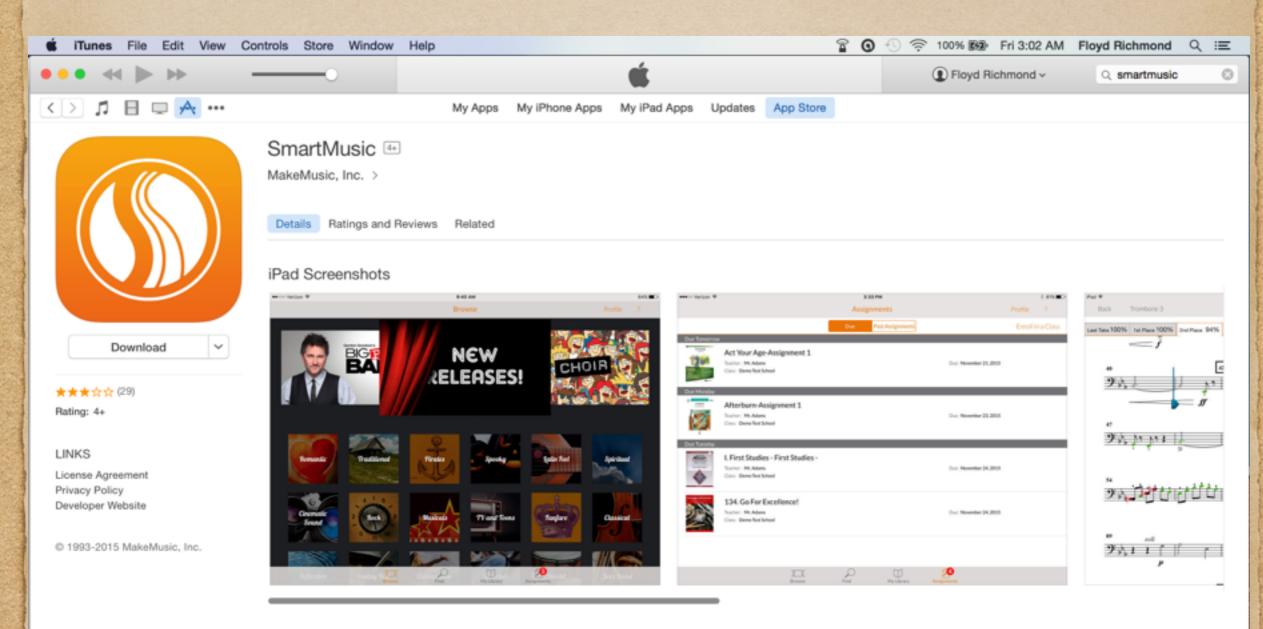




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SmartMusic - Accompaniment and assessment tool, large classical and contemporary repertoire including beginning method books. Improvisation and Sight reading practice.



#### Description

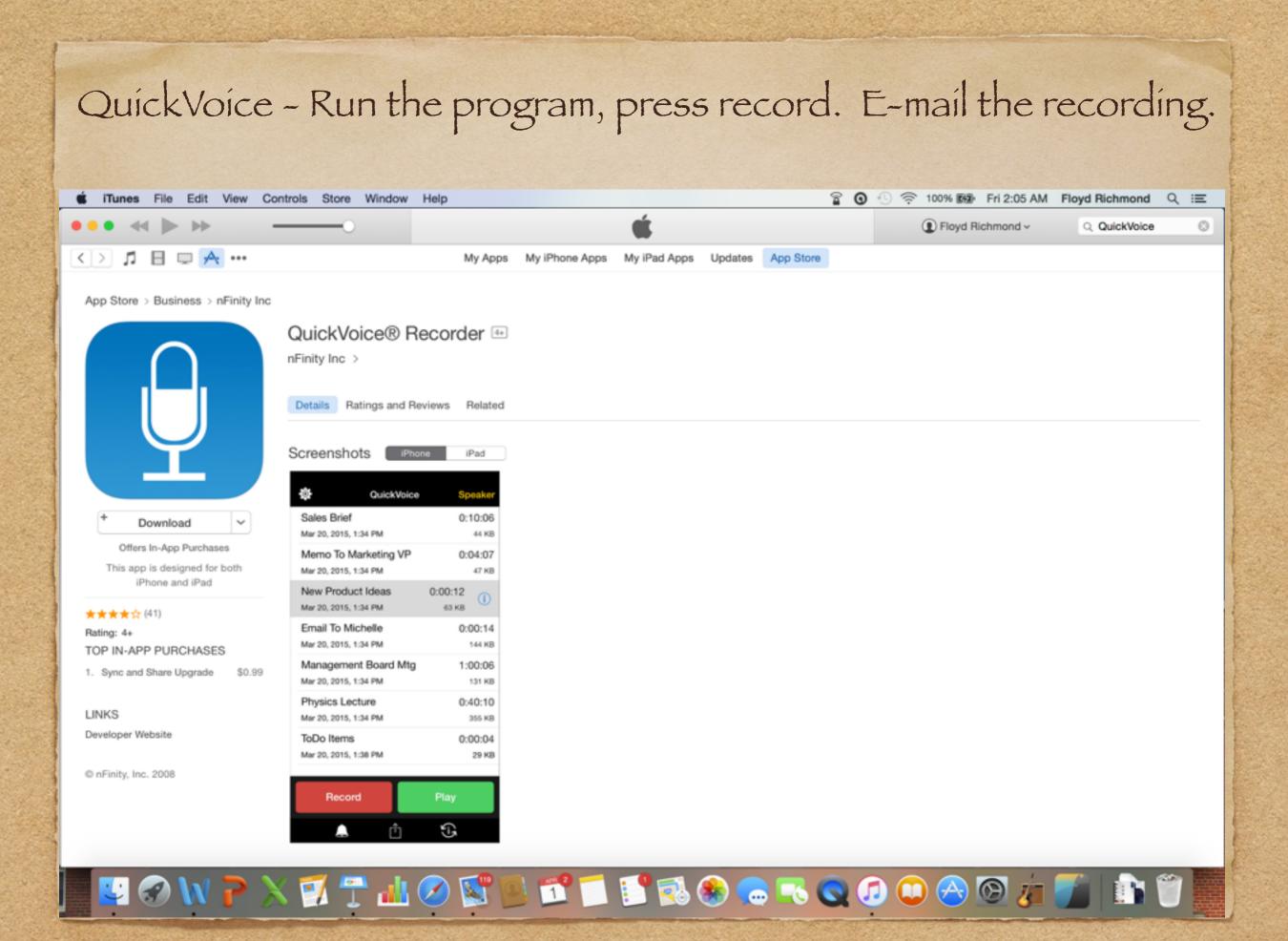
2014 award winner of Best Concert Band/Orchestra Teaching Tool by School and Band Orchestra magazine, SmartMusic is interactive music learning software that pushes you to play your best. This app gives you unlimited access to SmartMusic's extensive repertoire library, including over 50 method books, nearly 50,000 skill building exercises and a combined 22,000+ solo and ensemble titles by major publishers such as Alfred, Barnhouse, Belwin, Hal Leonard, Kjos, and others. Full repertoire access requires a SmartMusic account with access to a valid subscription.

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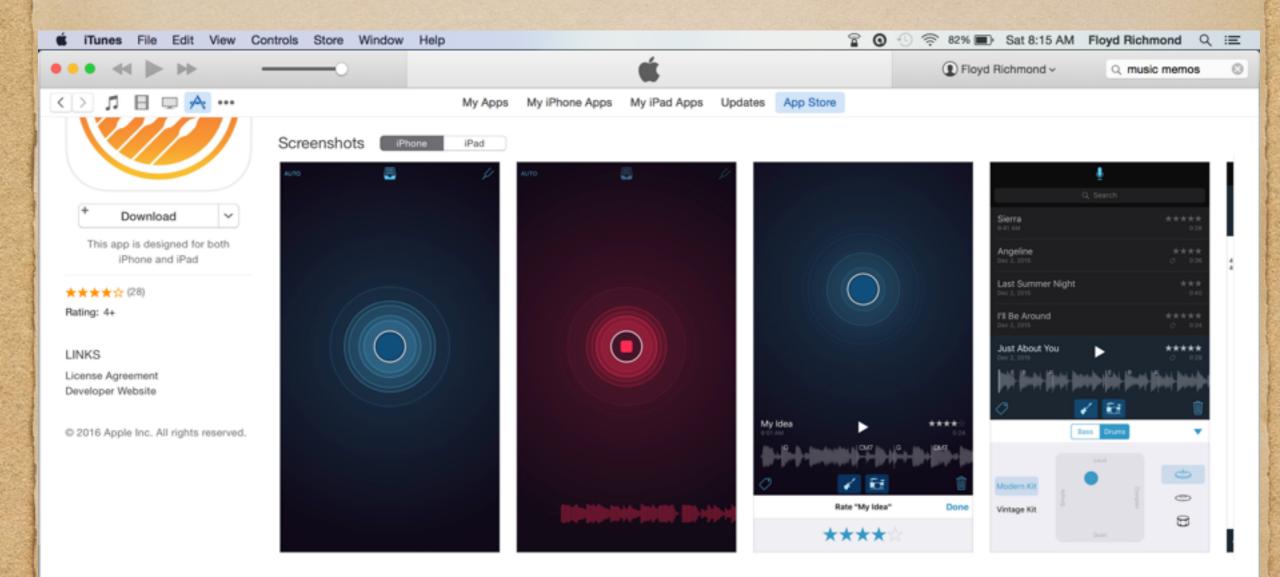
iPad Apps Quick Recording

QuickVoice

Musíc Memos



Apple Music Memos - Run the program, record musical ideas, automatically add drums and other instruments. Record music, and it will add chords.



#### Description

Music Memos is the easiest way for songwriters to capture and organize new musical ideas. Use your iPhone, iPad or iPod touch to record acoustic guitar, piano, voice, or any musical instrument as high-quality, uncompressed audio. Then name, tag and rate your ideas to start building a library of all your favorite new song parts and riffs. Music Memos automatically detects your tempo, rhythmic feel and chords and lets you instantly hear your musical idea accompanied by a rhythm section with realistic drums and bass. View the chords you've played, add comments and lyrics, or share your recordings with friends or directly to Apple Music Connect". And it's easy to take your favorite ideas into GarageBand to add more instruments and continue building your song.

Quickly capture musical ideas

Easily record any musical idea using a simple interface



íPad Apps Multímedía - Vídeo

iMovie

iMotion

iMotion - Tool for creating stop motion video. Draw fish, move, take pictures, add sound tracks. See <u>https://youtu.be/HPuNn80MEuU</u> and <u>https://youtu.be/tCzeXdjALa8</u>

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|  | Offers Apple Watch App for iPhone    |   |                   |                           |                        |            |
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iMovie - edit video that you took on your iPad, trim and arrange, add titles and transitions, apply themes, create trailers, share directly to YouTube, etc.

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#### Description

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reserved.

Description

With a streamlined design and intuitive Multi-Touch gestures, iMovie lets you enjoy your videos and tell stories like never before. Browse your video library, share favorite moments, create beautiful movies, and watch them on all your devices in iMovie Theater. And with the iMovie extension, it's fast and fun to make every video more memorable — right in the Photos app.

more

Other Apps

http://floydrichmond.com/pinellas2015/ Scroll down to iPad App Demo (Tuesday Afternoon) See also, Show and Tell (Thursday Afternoon)

# GarageBand Activities

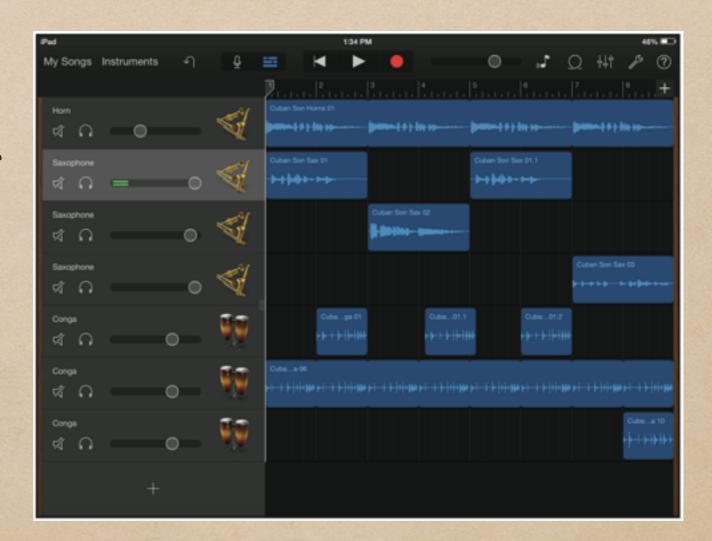
Quickstart1

Open a Demo Song

Record a new vocal track

Quickstart 2

- Create a
   Song Using
   Only Loops
  - Search
     "Cuban"
  - Arrange
     as
     shown.



Quickstart 3

- Playing and Recording
   Garageband's Instruments
- Keyboard
- Smart Instruments

### The GarageBand Sampler

- Using existing samples
- Recording new samples
- Importing samples

#### GarageBand Controls and Menus

- Settings (Key Signature, Time Signature, Tempo)
- Copy and Paste
- Track Properties (mute, solo, pan, echo, reverb, effects)

# Editing a track

- Splitting, joining, looping tracks
- MIDI Editing

Quantíze, Rhythms, Pítches,
 Octaves, Artículations, Velocity

### GarageBand Guitar Tracks

Amplifiers

• Effects Boxes

# Transferring Files

### • iTunes File Sharing

### Jam Sessions

Setting Up

Joining

Collecting data

### Garage Band Ensembles

• Hardware (Mixers, Jam Hub)

• Decades

• Cultures

• Folk Music

• Events

• Just for Fun

# Teaching Activities



# External Devices MIDI Plug-and-Play Devices Audío Interfaces Pro-Mícrophones

### Teacher Concerns

- Projection (wired, wireless)
- Audio (wired, wireless)
- Syncing
- Installing Apps
- Printing, Screen Capture, Creating PDF files

### Additional Teaching Activities

### • See pages 107-110

### Inter-Application Communication

 The purpose is to record from apps which create instruments not available in GarageBand internally through the iPad's hardware structure.

## Audio Bus

An alternative to Inter Application Communication

### Automations

- Are generally missing in iPad versions of GarageBand.
- Work Arounds
  - Dynamics (split audio into different tracks)
  - Perform Automations while recording (on the instruments)

### Accounts You May Need

- iCloud
- YouTube
- SoundCloud
- DropBox
- Google Drive
- Box
- Amazon

## GarageBand Information from

#### http://www.alfred.com/LearningGarageBand

#### GarageBand an iPad

Sign up to access downloads and receive updates for Learning Music with GarageBand on the iPad.

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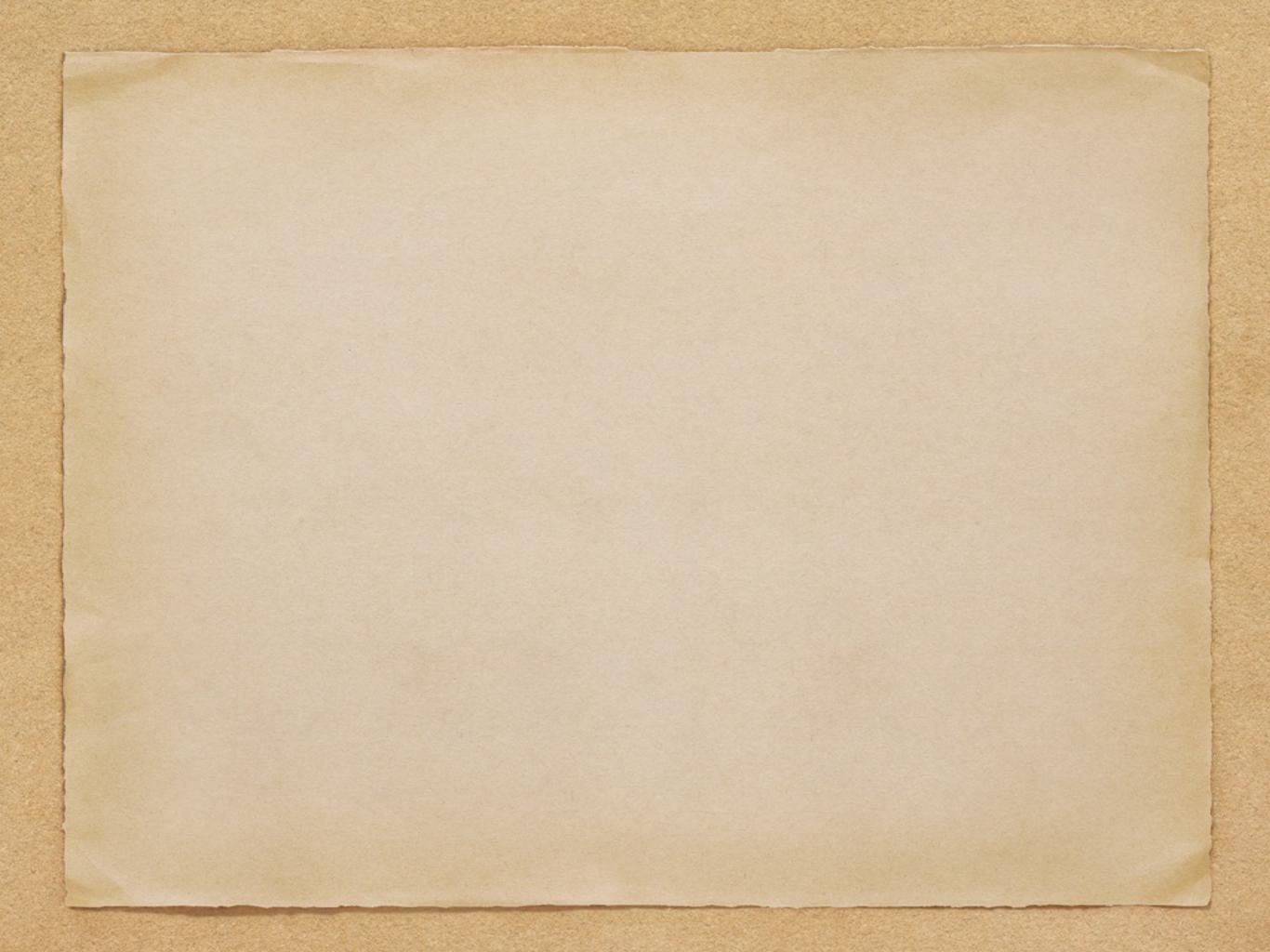
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I would like to receive offers and updates from Alfred Music.





This essential guide to GarageBand on iPad and iOS devices is your foundation for learning music production in the classroom. Withen by Dr. Floyd Richmond, noted iPad music expert and the president of TI:ME (Technology Institute for Music Education), Learning Music with GarageBand on the iPad provides instant insight and wisdom through Dr. Richmond's many years of experience. Includes over 40 GarageBand song files.



## iPad Sharing Session

Floyd Richmond University of Valley Forge frichmond@valleyforge.edu

Pennsylvanía Musíc Educators Hershey, PA Apríl 1, 2016 <u>http://floydríchmond.com/pmea2016/</u>