YouthMobile P



Massachusetts Institute of Technology

MIT App Inventor

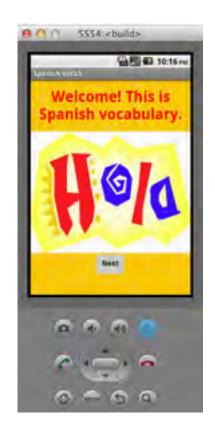
Felicia Kamriani
FeliciaK@MIT.edu
Education and Business Development
Coordinator





WHAT IS MIT APP INVENTOR?

- A free, blocks based visual programming language that enables people with no prior coding experience to create mobile apps
- Accesses mobile device features
- Enables users to share fully functional Android apps

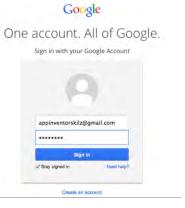


Getting Started



2





Click Create apps!

on Applnventor.MIT.edu

3

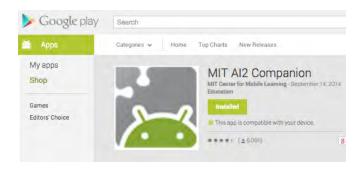
Start a New Project

4

Build your App

5

Download the AI Companion



6



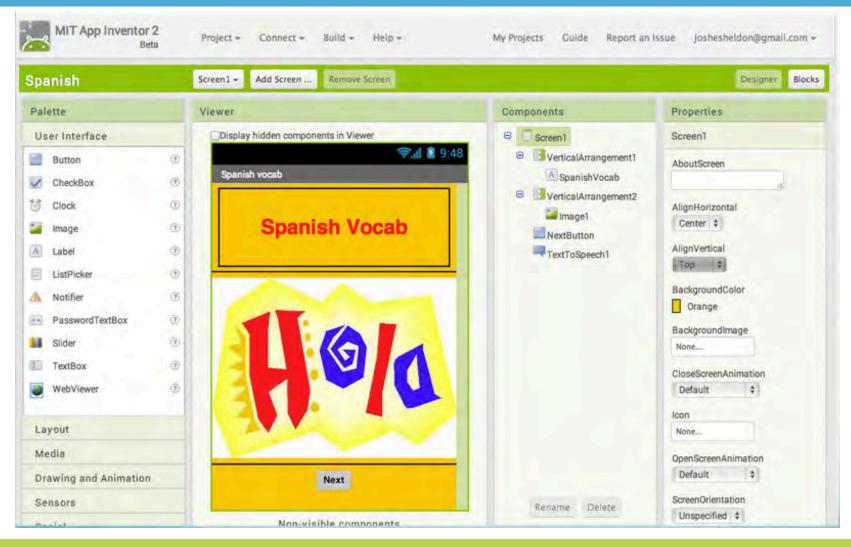


Test Your App



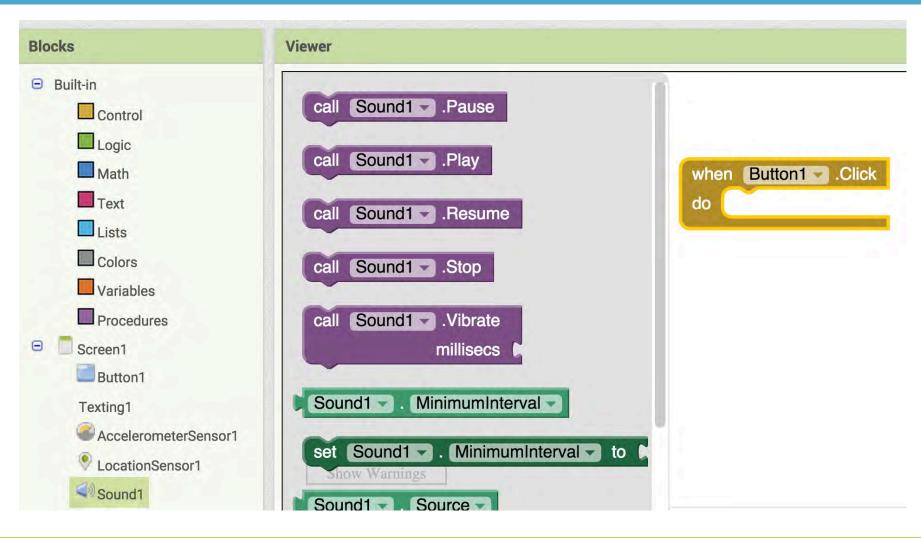


MIT APP INVENTOR – DESIGNER





MIT APP INVENTOR – BLOCKS





MIT APP INVENTOR – BLOCKS



VISION: APP MAKING FOR EVERYONE



App Inventor enables people to:

- Learn computational thinking
- Learn programming through a visual language
- Create apps that matter to them

APP INVENTOR: MORE THAN COMPUTER CODING...



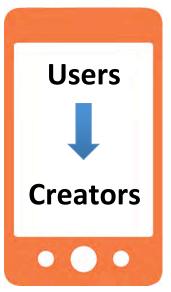
- Sparks creativity
- Encourages innovation
- Learn about design and design thinking
- Develop research skills
- Provides a way to contribute to society in a positive and productive way

HISTORY

2007-2008 iPhone/Android

2008-2009
MIT Professor Hal Abelson and Google
Programmer Mark Friedman create
Google App Inventor





1st University of San Francisco course 2009



App Inventor Publicly Launched 2010

The New York Times

TECHNOLOGY

Google's Do-It-Yourself App Creation Software

By STEVE LOHR JULY 12, 2010



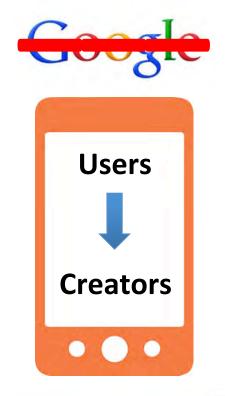
It's Alive! Taking Android's App Inventor For A Spin

Posted Jul 12, 2010 by Jason Kincaid (@jasonkincaid)

HISTORY

2011
Google Labs Closes
App Inventor transitions to MIT
CSAIL
MIT Media Lab
MIT Center for Mobile Learning

2013 MIT App Inventor 2





MIT APP INVENTOR SERVICE...

App Inventor Used in 195 Countries

~ 37,900 People Building Apps each day ~ 3,700,000 Total number of Users

~ 127,700 Each Week

~ 10,400,000 Total number of Projects

~ 265,000 Each Month

Translation Project



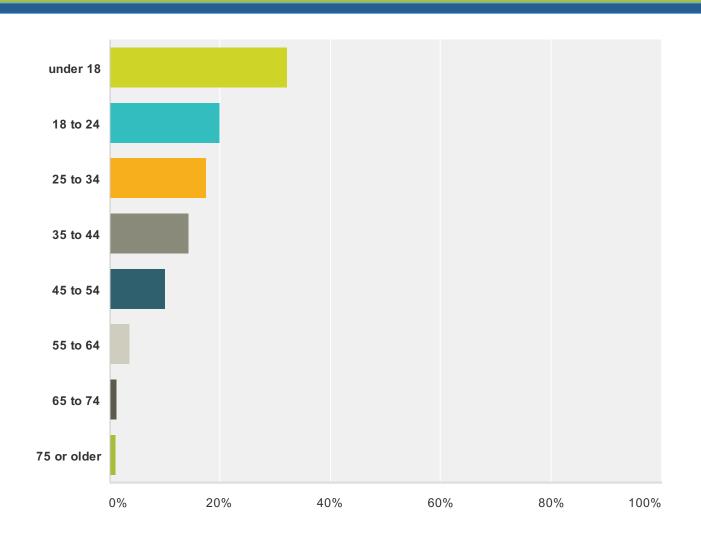
1st INTERNATIONAL CONFERENCE



Google 2015 App Inventor National School Challenge

- A total of 1195 submissions
 - 623 from high school teams
 - 572 from middle school teams
- Finalists being chosen in late October
- Winners announced in December

AGE OF APP INVENTOR USERS



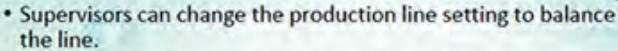
ESQUEL APPS

[GET-SET-GO] [**工位信息助手**]



Anura Peiris (PTX-JAE)

 Send greetings to workers before they come to work and get confirmation of their attendance

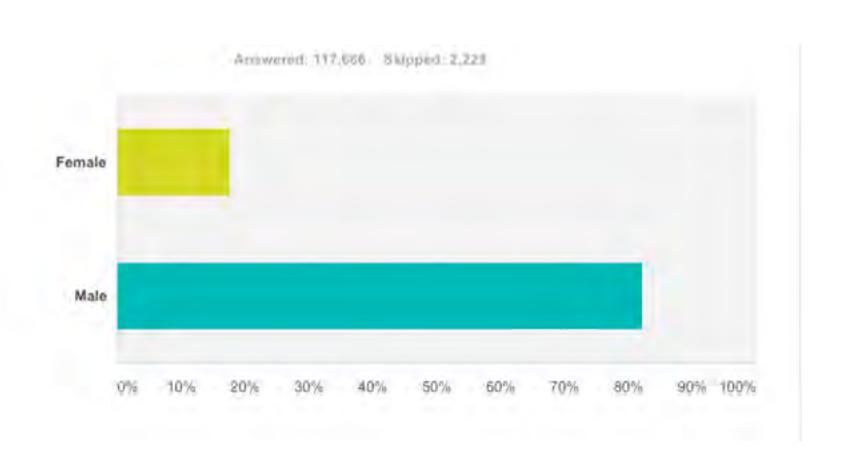


- It provides performance data to employee. Supervisor can send instant compliment to staff for good performance
- Provides staff caring, grievance, suggestion collection, and notification, etc.
- Able to collect line information quickly, reduce the supervisor's workload and enhance worker's self esteem and improve the productivity.





WHAT'S YOUR GENDER?



California, United States

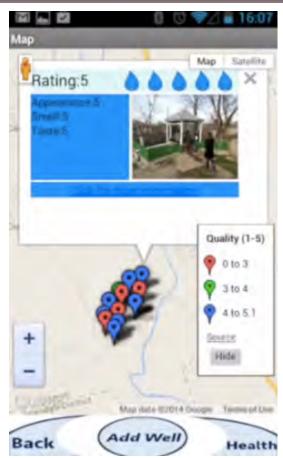




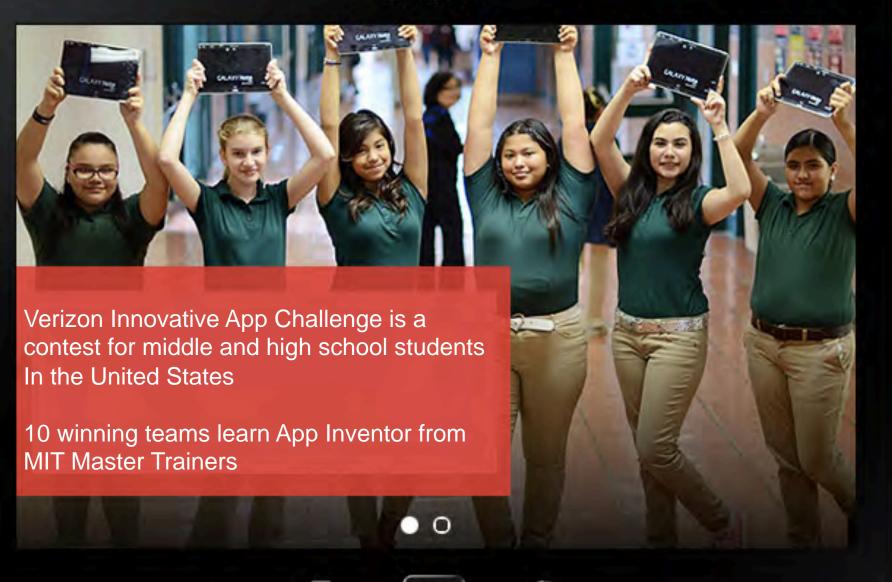
Apa Pura Moldova

An app to help people find pure sources of water







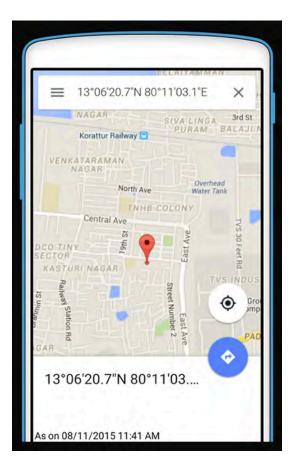


Locatera India

School transport management solution









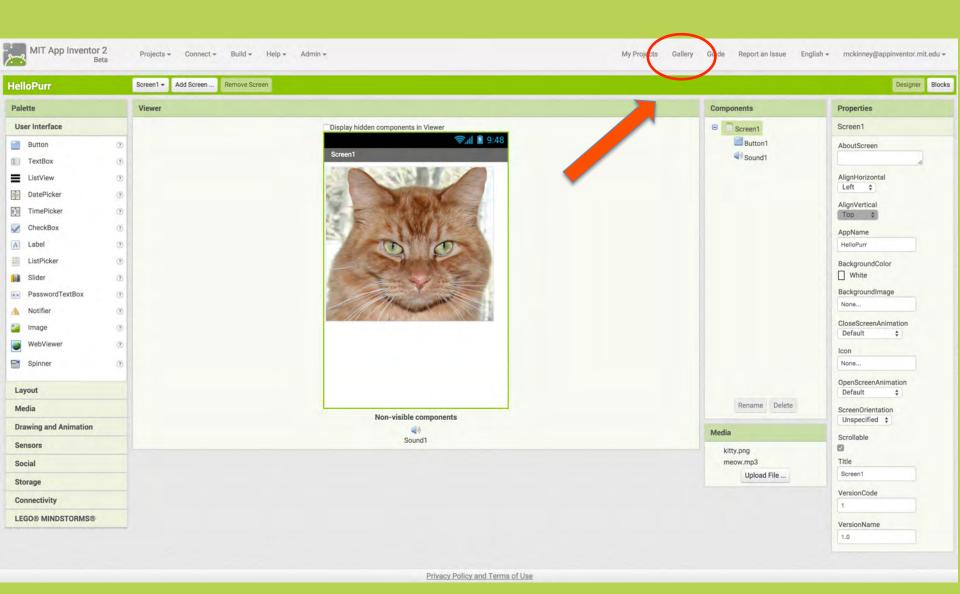








APP INVENTOR GALLERY



APP INVENTOR GALLERY

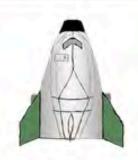
POPULAR SEARCH RECENT FEATURED

2769 results



Kids, STOP! - Spark sstaggs049

@ 169 W 48



Space_invaders CREEPER, SMASH, CO.

@ 295 W 39



CREEPER_SMASH_ CREEPER.SMASH.CO

@ 112 W 15



ChessGuide No Watson No

@ 332 W 13



Talking_Man! Have robin_vinod_verghes

₱ 530 ♥ 12



MLGsoundboard Its Watson Boys

Ø 485 W 10



IlluminatiClicker William290501

@ 371 W 9



Celebrity Knockout 15McGillTimo@calving

Ø 34 W 9



clashclicker1 Ps3.ball1234

@ 1204 @ 8



MichaelRosenSoun XxX_GeOrGe_ThE_cDc

@ 239 W 8



APP OF THE MONTH CONTEST

- A way for us to learn about what you are creating
- A way for you to connect with MIT
- A way to share your apps with others.

MIT App Inventor Team



Hal Abelson



Andrew McKinney



Jeff Schiller



Josh Sheldon



Felicia Kamriani

MIT Student App Inventor Internet of Things Projects

- BLE Sensors
- Beacons
- Evaluating the User Experience





MASTER TRAINERS PROGRAM

in Educational Mobile Computing 2015

Online coursework Begins October 19, 2015



3-day

in-person program at MIT March 24, 25, 26, 2016

Master Trainers Program

- Part 1 edX App Inventor Mooc (began October 19)

 Mobile Computing with App Inventor CS Principles
- Part 2 Apply by December 14
 Accepted applicants begin 10-weeks of online self-study course work
- Part 3 3-day in-person intensive workshop at MIT, March 24, 25, 26, 2016

Now imagine a different world, where creating apps doesn't require years of programming experience, where artists, scientists, humanitarians, health-care workers, attorneys, firefighters, marathon runners, football coaches, and people from all walks of life can create apps. ...transform ideas into prototypes without hiring programmers-

David Wolber Applnventor.org

