



**TECHNOLOGY CAMP**

**Building Mobile Apps**

**Day 2 : Session 1**

## Instructors

- *Name*
- *Job / Company*
- *Industry Experience*
- *Something interesting*



## Volunteers

- *Name*
- *Job / School*
- *Something interesting*



## Building Mobile Apps

- Intro to App Development
- App Inventor Tool
  - <http://appinventor.mit.edu/explore/>
  - *Setup & Testing Prep*



## Building Mobile Apps

- App Inventor
  - *Introduction to App Inventor*
  - *Designer & Blocks Editor*
  - *App Development*
  - *App Testing*



## Introduction

- Mobile Apps are a popular way to deliver content
  - *Over 175 billion apps were downloaded in 2017.*
  - *Mobile apps generated over \$86 billion*



## Introduction

- Average Smartphone User
  - *80 apps on phone*
  - *Uses about 40 apps each month*
  - *Time using apps - about 3 hours a day*



## What is the App Inventor Tool?

*MIT App Inventor is an intuitive, visual programming environment that allows everyone ... to build fully functional apps for smartphones and tablets.*



## You Will Need:

- Google Account
- Computer
- Android Device (preferred)
  - *MIT AI2 Companion App installed*
  - *Emulator is available in App Inventor testing, but is not addressed in the class*



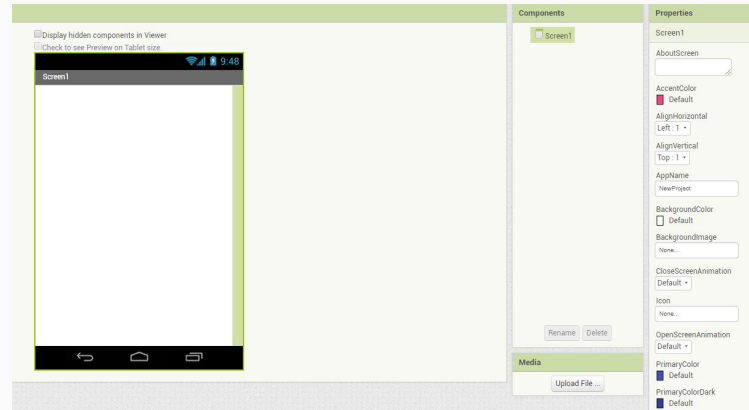


- Access App Inventor
  - *Using your Google Account*
  - *Login to: <http://ai2.appinventor.mit.edu>*



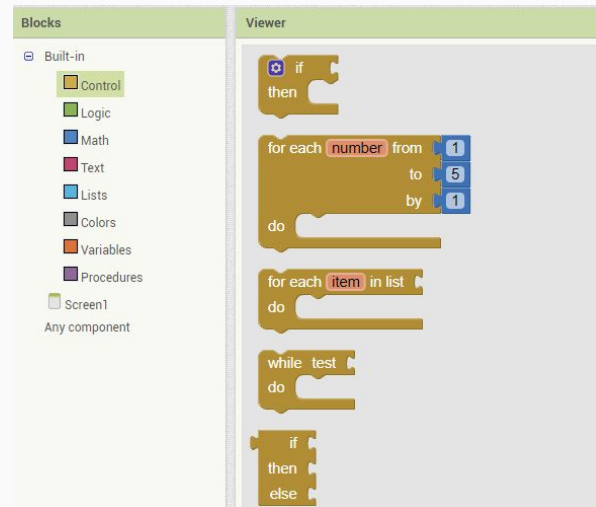
## Designer

- *Used for designing how the app will look to the user*
- *The app “user interface”*



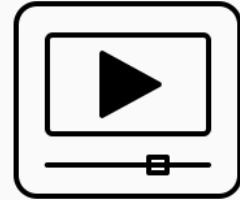
## Blocks Editor

- *Used for designing the app behavior*
- *The app “programming”*



## An introduction to App Inventor

- [https://www.youtube.com/watch?v=nC\\_x9iOby0g](https://www.youtube.com/watch?v=nC_x9iOby0g)



## End of session

- *Time for break*
- *Snacks are served in the Cafeteria*
- *Remember to use restrooms*

