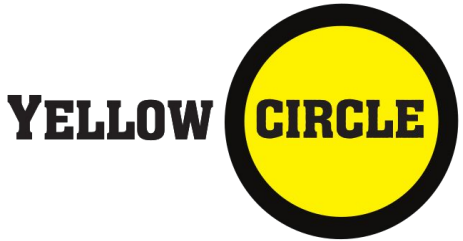


TECHNOLOGY CAMP

Building Mobile Kitty App

Day 2 : Session 2

Setup

You Will Need:

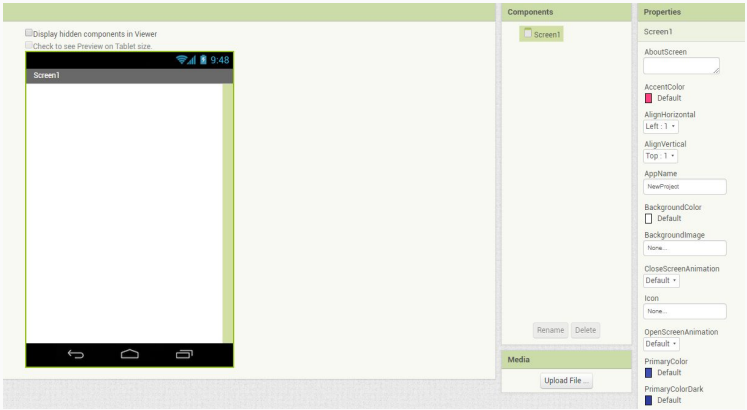
- Google Account
- Computer
- Android Device (preferred)
  - *MIT AI2 Companion App installed*
  - *Emulator is available in App Inventor testing, but is not addressed in the class*

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”*

Mobile Kitty App

- *Follow along with Instructor screen share*

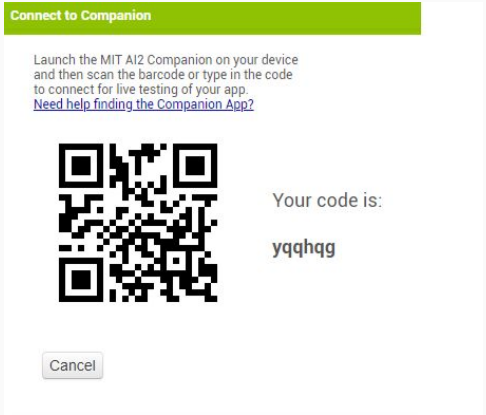
App Testing

On your phone/tablet:

- *Open the MIT AI2 Companion App*

On your computer:

- *Select **Connect** (1) dropdown*
- *Select **AI Companion** (2) wait while system compiles and packages the code (progress bar may be displayed)*
- *When packaging is complete, QR code will be displayed.*



App Testing

On your phone/tablet:

- *Select scan QR code (1) and scan.*
- *Test all functions and when done, use the back arrow to exit.*

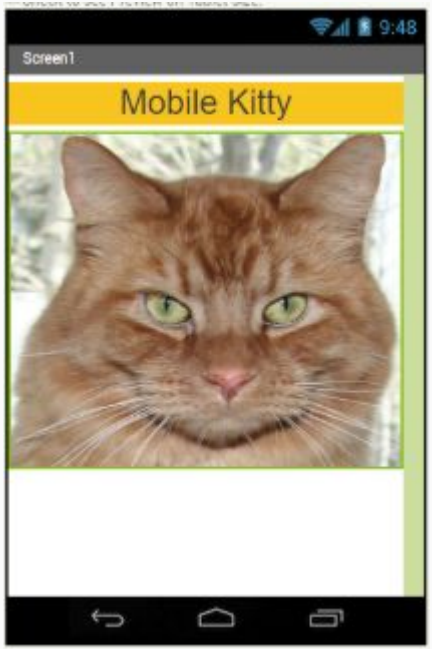
On your computer:

- *Click cancel to clear QR code window popup.*

Student Activity

Try it & customize

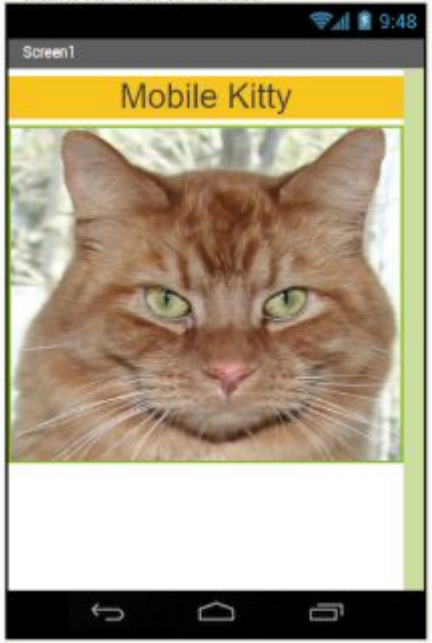
- Build your own Mobile Kitty App
- Use the resources provided to build your own version of Mobile Kitty App
    - *Customize your App with colors, fonts, and other features to make it unique*
    - *Update App Name, Icon Image*



Student Activity

Try it & customize

- *Test and confirm that your app works as expected*



Closing / Wrap-up

What we learned...

- How To use App Inventor Designer to build the user interface
    - *Some elements are visible and some are not*

Closing / Wrap-up

What we learned...

- How to use App Inventor Blocks Editor to build the application behaviors that respond to user inputs
  - *Event Handlers - “when something happens do an action”*
  - *Command Controls - “say what action to do”*

Closing / Wrap-up

What else we learned...

- How to package and test an app

What's next...

End of session

- *Time for break*
- *Lunch is served in the Cafeteria*
- *Remember to use restrooms*