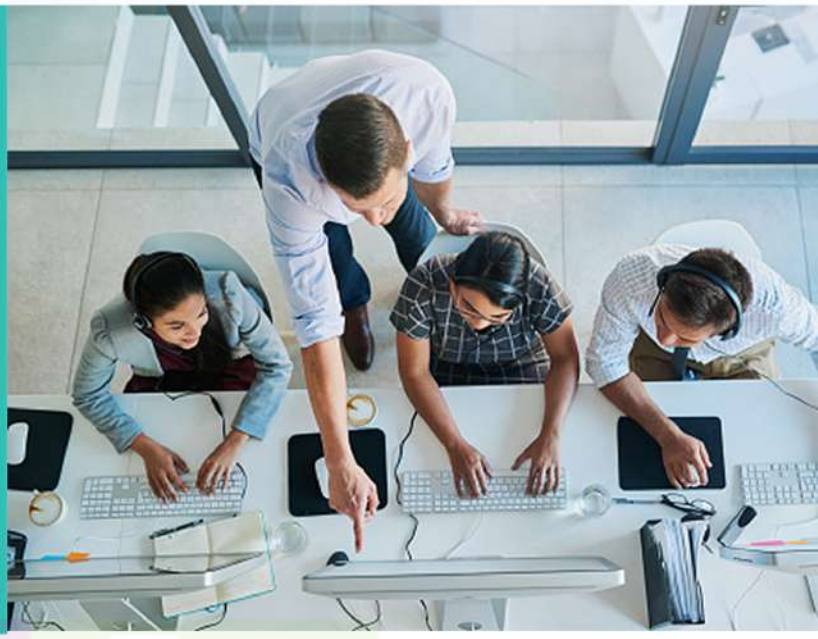
Andhra Pradesh State Skill Development Corporation



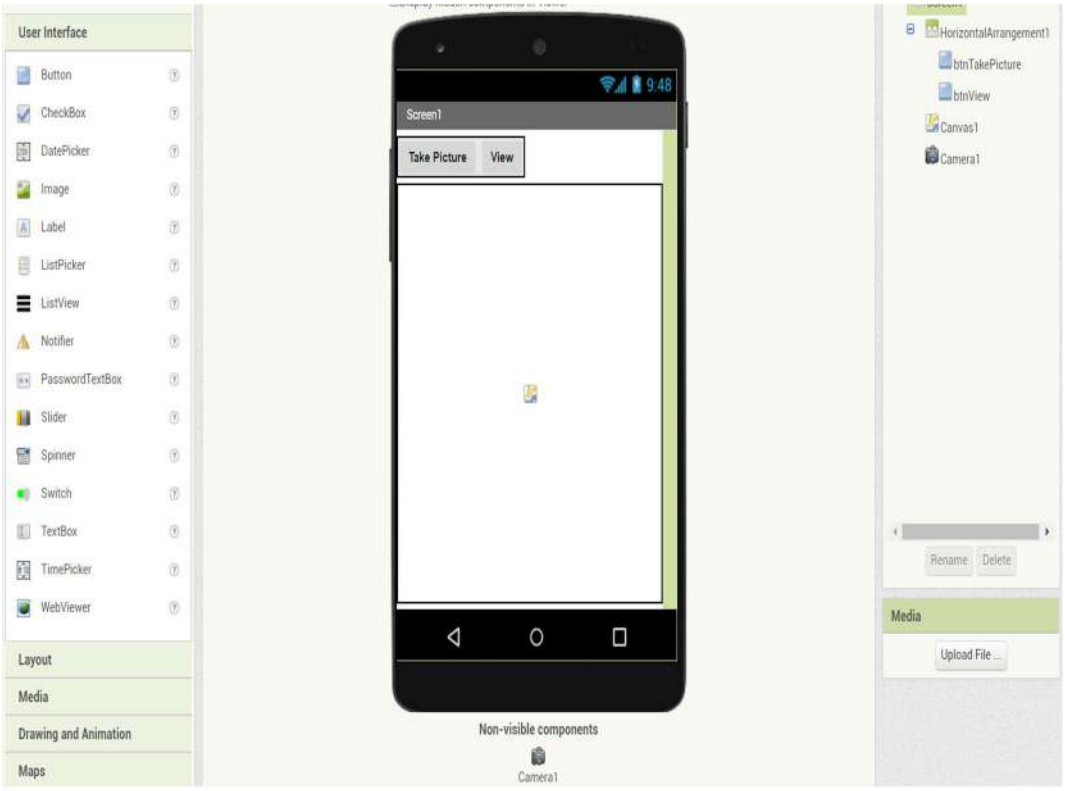
MIT App Inventor

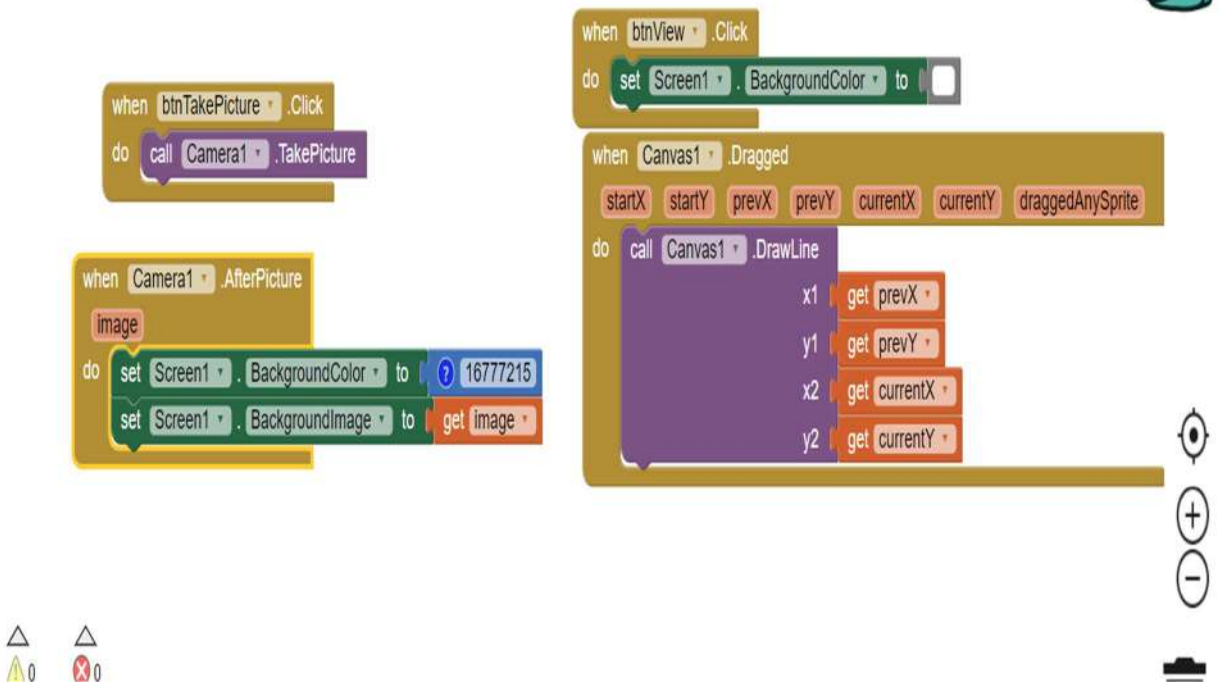
Steps To build Some Basic Apps in MIT App Inventor

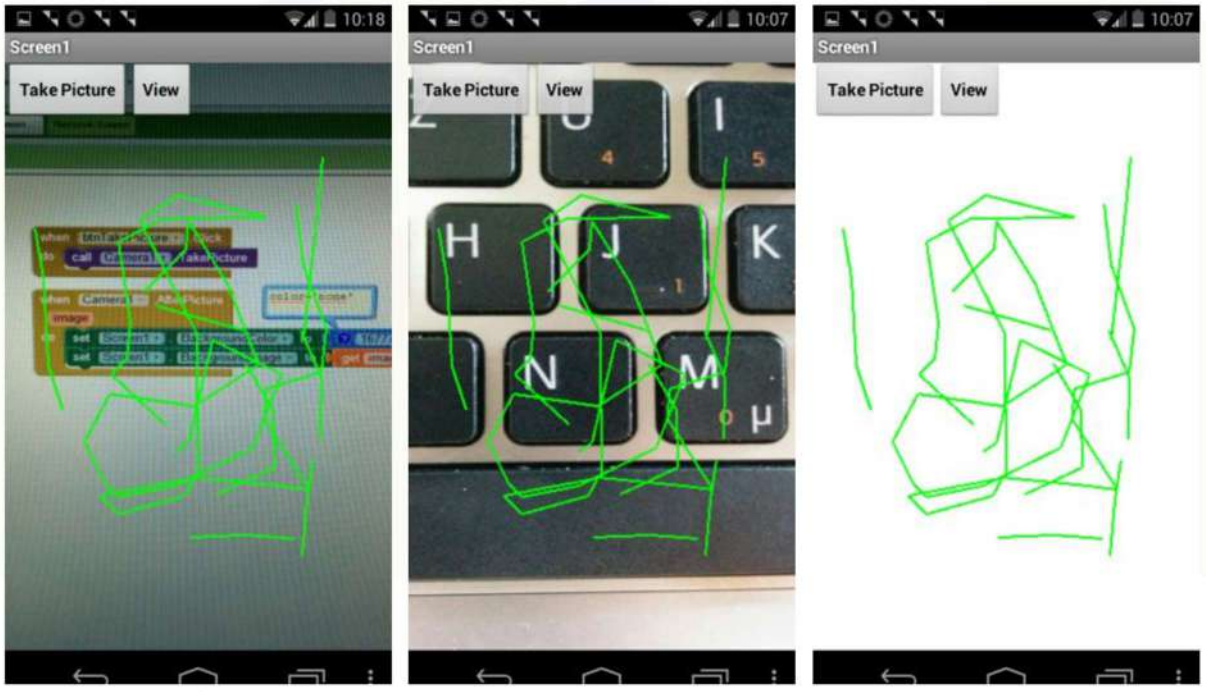
UNIT-3

3.1) How to change background image without changing drawn lines

- I'm creating an app that will allow me to take a picture and then draw on it. The next step would be to then be able to view the drawn part without the background image.
- How would I do this?
  The only possibility I can see is to set the taken image as screen background, then draw on the canvas. I set the Canvas background color to none in the Designer window to be able to see the background image.
- The Screen background color will be set to none after taking the first image in the Camera.AfterPicture event.



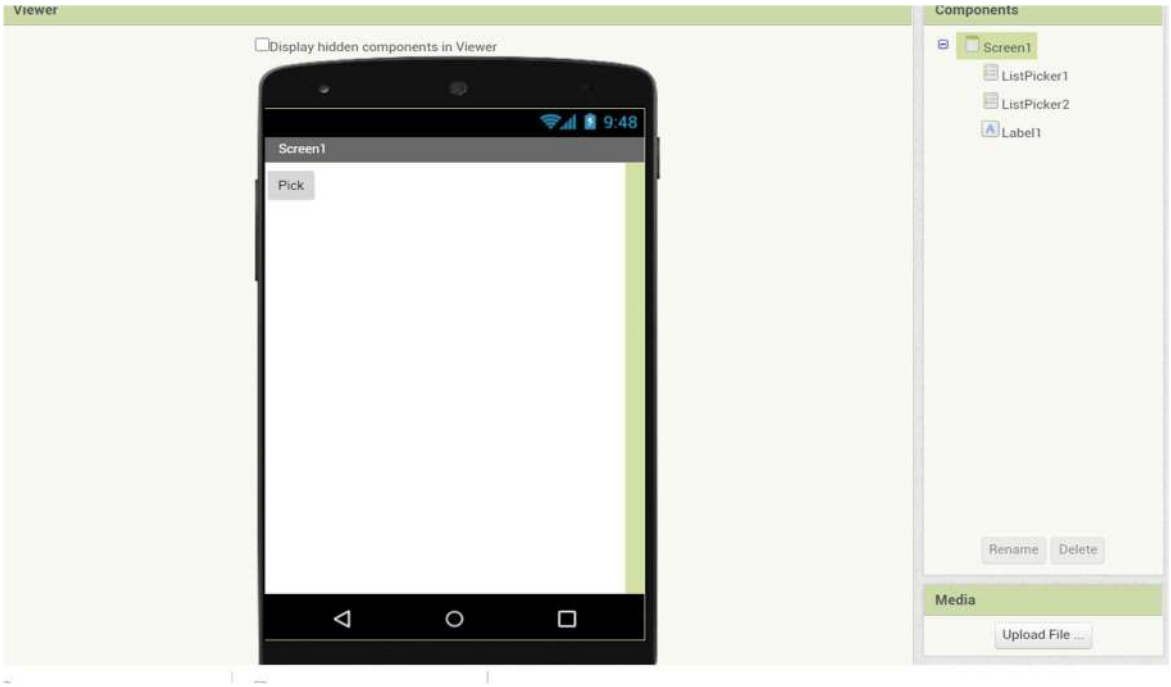




3.2) How to create a nested listpicker

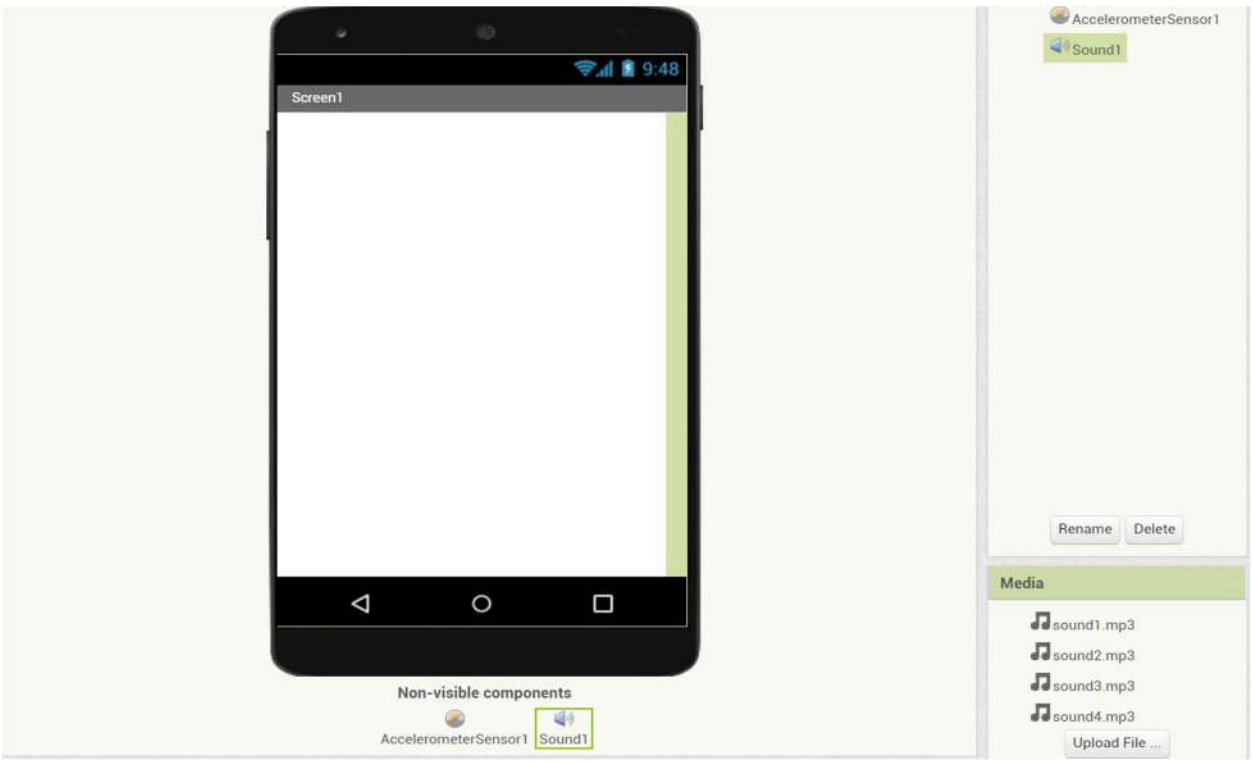
- I need a main listpicker with different sublists of items below them depending which main list item is selected.

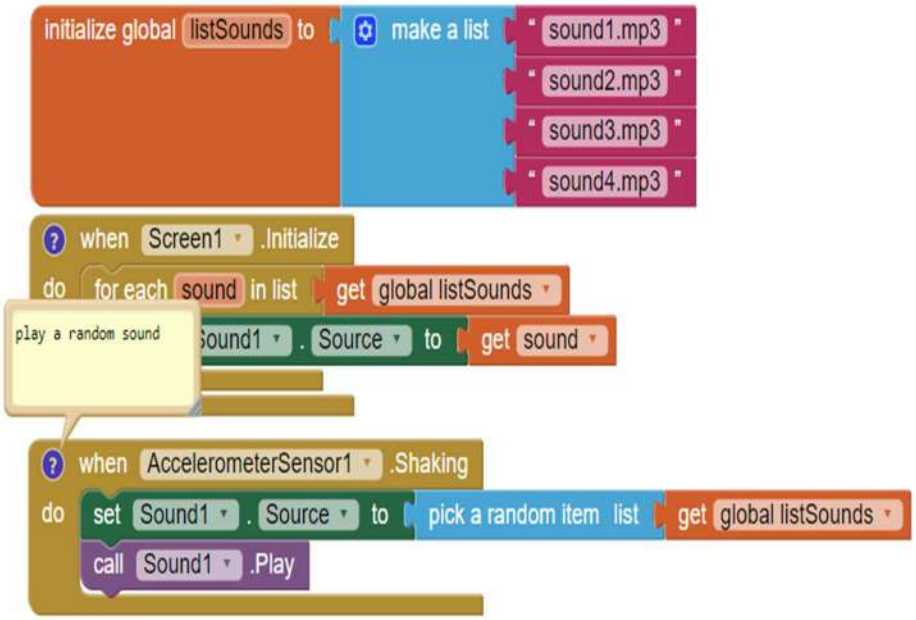
- For the solution presented here, I'm using 2 listpicker, the second listpicker for the sublists is hidden and will be opened with the listpicker.open block.



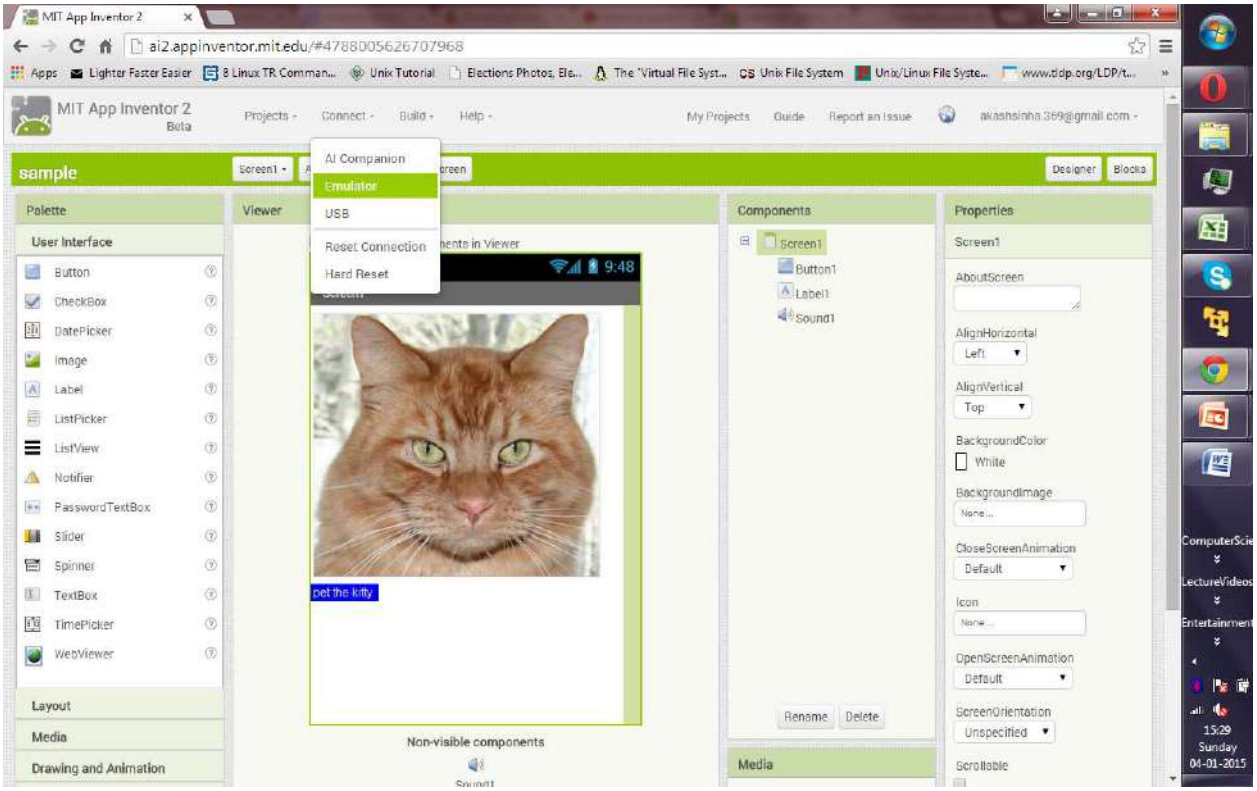
3.3) How to play a random sound when the device is shaken

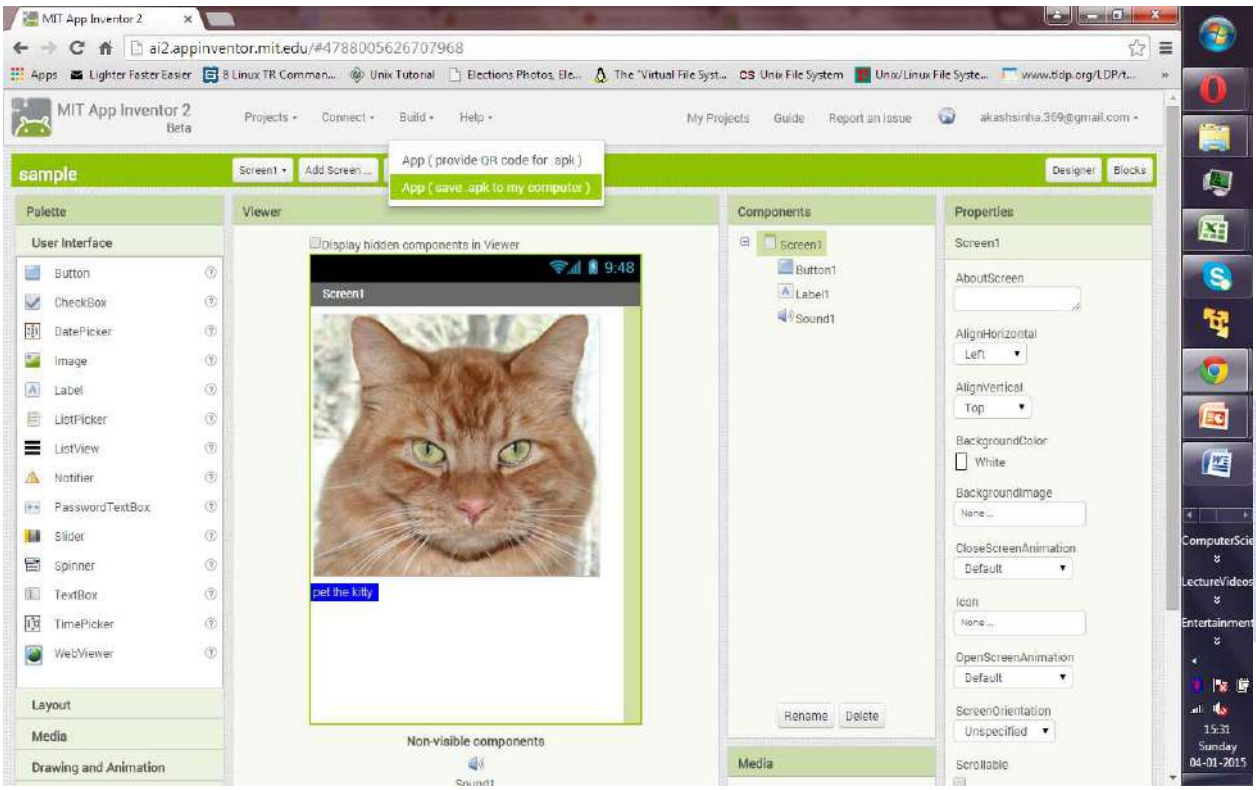
- In mit if mobile is shaken some sound is paly randomDesigner
- first we can take 3 0r 4 types of sounds in chrome
- You can select sound , ActivityStarter in Designer part


9:48
Screen1
Non-visible components
AccelerometerSensor1
Sound1
AccelerometerSensor1
Sound1
Rename
Delete
Media
sound1.mp3
sound2.mp3
sound3.mp3
sound4.mp3
Upload File ...


initialize global listSounds to
make a list
" sound1.mp3 "
" sound2.mp3 "
" sound3.mp3 "
" sound4.mp3 "
when Screen1 .Initialize
do for each sound in list get global listSounds
play a random sound
Sound1 . Source to get sound
when AccelerometerSensor1 .Shaking
do set Sound1 . Source to pick a random item list get global listSounds
call Sound1 .Play

Test your First App in the Emulator

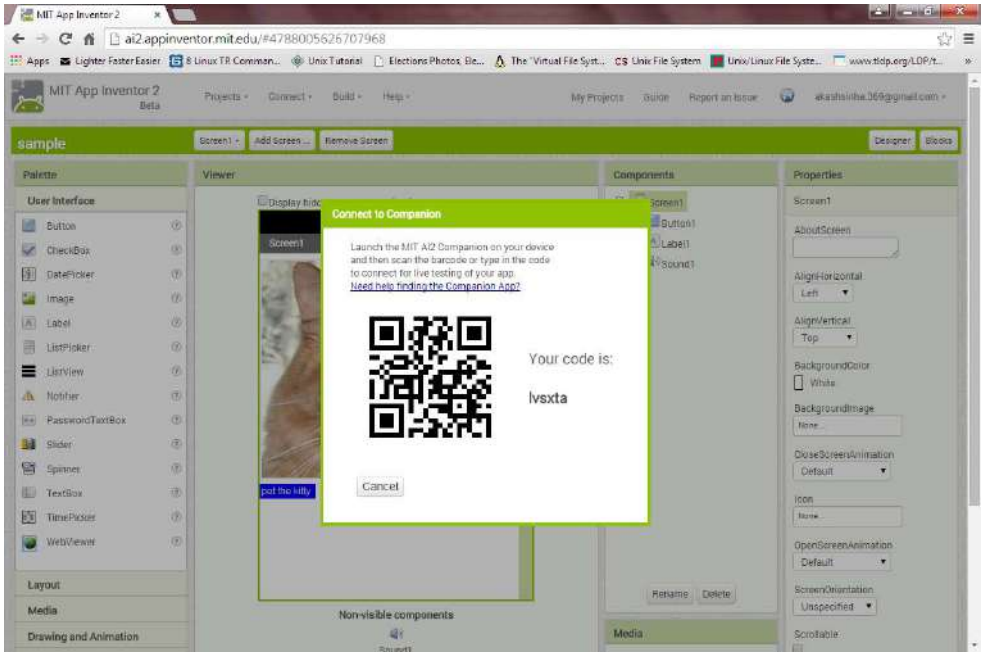
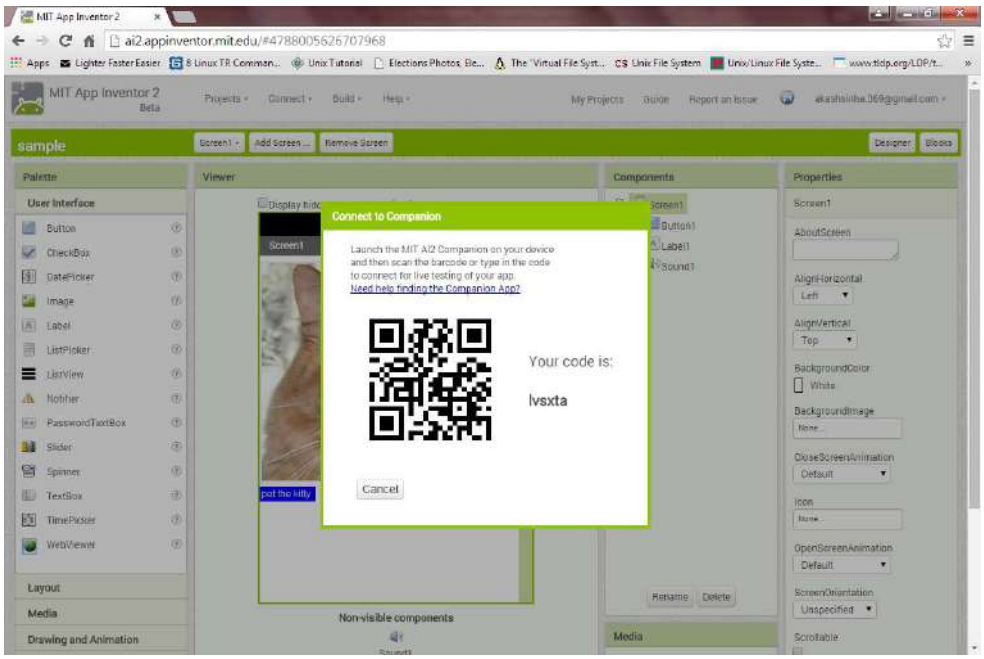




3.4) Install .apk file on your android mobile

- Copy the .apk file into your phone / SD card memory
- Use MyFiles app on phone and access the .apk file

- Double tap on the .apk file to install
- Access your installed application

3.5) You may use AI2Companion App to test your app

- Install MIT AI2Companion App on your android device from Google Playstore
- Obtain the 6 character code for your app
- Type in that code in AI2Companion to access your app