Sprint 1 Scenario:
User stories
A)As a developer I need a communication interface between arduino and android
B)As a developer I need a hardware schematic for arduino
C)As a user/tester I need a user interface on android

Testing
     Click 'app' icon in smart phone environment
               -home screen should appear with buttons
    Click 'settings gear'
   Turn on Debug Mode
  Click back
   Click TalkDebug button
         -device detect button activates communication
          between devices
         -arduino captures sensor data, android recieves
          hex encoding of signals
     Click 'back' on smart phone
          -communication is ended between devices
          -arduino stops capturing sensor data

Sprint 2 Scenario:
User Stories:
A)As tester I need organized data of position from the arduino
B)As user I need a graphical representation from position data

Testing
    Click 'device detect' button in home screen
         -graphics activity will start
         -displays background "arc"
    Place object in front of sensor
          -interactive graphics starts
          -wedges corresponding to correct data are displayed
    Click 'back'
         -graphics activity is stopped
         -home screen is displayed

Sprint 3
A)As a user I need a settings page to set proximity parameters
B)As a user I need response inputs to warn cars around me.

Testing
  Click 'settings' icon in home screen
    -settings page will load
  Set proximity setting with slide bar
    -should set global proximity setting
  Click back key
    -bring user back to home page
  Tap screen
    -graphics module should load
  Move hand towards sensors
    -Alert flash should display on graphics module
    -Alert corresponds to nearness of object
    -Sensitivity depends on set proximity sensitivity

C) As a tester I need a module to log data from app

Testing
  Click settings icon turn on Debug Mode
  Click back key
    -Function errors will be logged to file
  Click TalkDebug
  Check the checkbox logsession
    -Hex data will be logged to file