Project Description:
Students will learn basic programming/coding concepts to develop mobile Android applications.

Project Objectives:
You will be able to develop fully functional Android applications for personal use, recreation, or simple real-life scenarios.

Session Organization:
11:00-11:30   Cultural connection/brief introduction
11:30-12:00   Introduction to MIT’s App Inventor
12:00-12:45   Lunch
1:00-1:45     Apps 1 and 2: Scanbox and No Texting while Driving
1:45-2:30     App 3: Pocket Golf
2:30-3:00     Wrap up

Materials and Equipment:
A desktop or laptop computer and an Android phone with WiFi access.

Activity I:
Develop Scanbox: a simple App that demonstrates basic UI elements, barcode/QR code scanners, and texttospeech.

Activity II:
Develop No Texting while Driving: an App that generates a custom message to respond to phone calls or texts while driving.

Activity III:
Develop Pocket Golf, an App too allow the user to play golf with a fling gesture.

Wrap-Up & Discussion