

COSC-150
Spring 2015
Project Assignment 3
18 points
Due on Wednesday, April 8th 6 pm

PROCEDURES AND LATE POLICY REMINDER

- **Turn-in:** A zip file of your AndroidStudio project submitted via Blackboard. Use your netid for the zip filename. Include a readme file that specifies the Android version.
- **Late policy:** Written work turned in after the deadline will be accepted but penalized 25% on the first day and 50% after that.

Project Description:

For this assignment, you will create an Android application for a shoe store. The shoe store allows for searching for shoes, selecting shoes, determining the final price, and showing the URL for picking up the shoes.

Assignment Details:

1. Your Android application has four screens.
2. The initial screen welcomes the user to the store and has a button that lets the user search for shoes.
3. The second screen shows a list of 10 shoes. Each shoe is a button image or an image and they should be draggable objects. Each shoe should also have a price.
4. The customer drags the shoe from the left side (top) of the screen to the right side (bottom) (a shopping cart area) if they want to buy it. For this assignment, you can assume that only one shoe of a particular type is purchased.
5. There are two buttons on the screen, one for canceling the search (this will return the person to the initial screen) and one for completing the purchase. This will take the person to the third screen.
6. On the third screen, the customer will see what he/she purchased as a list of text items (no shoe images) and a total amount. There will also be a link to a webpage that has a map of the location of the physical store. You do not need to use GoogleMaps here, you just need to go to a website (your 4th page).
7. You also need to include 3 unit tests.

At the top of the main file containing your source, place the following header comment, with the appropriate modifications:

```
//  
// Project 3  
// Name: <your name>  
// E-mail: <e-mail address>  
// Instructor: Singh  
// COSC 150  
//  
// In accordance with the class policies and Georgetown's Honor Code,  
// I certify that, with the exceptions of the lecture notes and those  
// items noted below, I have neither given nor received any assistance  
// on this project.  
//  
// Description: <Describe your program>
```

If you need to include a message to the TA about your submission, then type the message as a comment in the program. If you get assistance from any particular TA, you need to also write the TA's name(s) in the comment area.

BONUS:

You can receive up to 5 points bonus on this project. Some ways to receive extra credit include extending the application to – use fragments, Google Maps, add a form to get credit card information, use SQLite to store the shoe data and/or the purchase data.