Project Assignment #9: City App  
Due Date: Friday, 10/11/2011 by 5:00pm

Purpose: This purpose of this exercise is for you to begin to assemble the CityApp and to gain experience in using web services and parsing.

Teams: Remember you can work in teams of two on this project. If you are working in a team, make one additional improvement within the bounds of this assignment (within the defined Activities indicated here; a few suggestions are below).

Description: We have now seen (and in most cases worked with) all the various components that will be needed for the CityApp. This assignment will expose you to working with the City Webservice and Parsing.

Your app should do the following:
- In one Activity, read the current location of the GPS (a new location, not a last received)
- Once one GPS coordinate has arrived, make a call to the city webservice passing the latitude and longitude received from the GPS and a radius of 1 mile.
- Receive the string returned from the city webservice
- Parse the result string to pull out the coordinates of any open jobs within 1 mile of your location (there should be jobs within 1 mile of WFU)
- Pass this parsed coordinates information to a ListView-based Activity, which will display separate list items with each list item being a string which appears as follows: “Workorder Coordinates: (latitude,longitude)” replacing latitude,longitude with the values parsed as appropriate.

Improvement suggestions (for teams):
- Allow the user to enter the radius
- Display more than just the coordinates in the listview