CPET 565 Mobile Computing Systems
CPET 499 Mobile Computing & Applications
Lab 1
Getting Started with Android Development Environment

Assigned date: 8/27/2014
- **Lab 1 (Individual Assignment, but team discussion is welcome if needed)Due date: 9/8/2014, before 3:30 PM**
- **Deliverables: Lab 1 Report (Microsoft Word file format, name it as cpet565-499-Lab1.docx)**

References
1. **Text Book: "Android Application Development – Sams Teach Yourself in 24 hours, 3rd Edition, by Carmen Delessio, Lauren Darcey, and Shane Conder, published by Sams, http://www.informit.com/store/android-application-development-in-24-hours-sams-teach-9780672334443**
2. **"Building Your First App," Getting Started, http://developer.android.com/training/basics/firstapp/index.html**

Objectives:
1. **Learn to Eclipse-based Android Development platform (or other Integrated Development Environment of your choice)**
2. **Build your first Application for Android-based Smartphone**

Lab Activity:
- **Study the "Hour 1: Getting Started – Creating a Simple App", pages 3-18 of the text book, Reference [1].**
- **Study the Creating the First App available from Reference [2] http://developer.android.com/training/basics/firstapp/index.html**
- **Following the given instruction in Reference [1] to set up your own Android Development Environment**
- **Create and Run the first App**
- **Study Q&A, workshop (Quiz and answers) in Reference [1]**
- **Submit a lab report (name it cpet565-499-Lab1.docx) that includes the following section: (see the following guideline for your reference, http://www.etcs.ipfw.edu/~lin/InfoForAllCourses/laboratoryreport.htm)**
  ** Objectives
  ** Computer Equipment and Software Used
  ** Procedure
  ** Data (Screen shots, results)
  ** Conclusion

Submit your electronics copy of Lab report 1 – due September 8, 2014, before 3:30 PM