

CPET 565 Mobile Computing Systems
CPET 499 Mobile Computing & Applications
Lab 3
Exploring an Android Project and Resources

Assigned date: 9/15/2014

- Lab 3 (Individual Assignment, but team discussion is welcome if needed)
- Deliverables: Lab 3 Report (Microsoft Word file format, name it as cpet565-499-Lab2.docx) and Zipped version of the Lab2 Android Project

Due date: 9/22/2014, before 3:30 PM

References

1. Text Book 1: *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. Text Book 2: *The Android Developer’s Cook Book*, 2nd Edition, by Ronan Schwarz, et. al., published by Addison Wesley.

Objectives:

1. Learn to explore the Android project files, and to
2. Understanding common resources
3. Using image resources
4. Using Styles
5. Raw and asset folders

Lab Activity:

1. Follow the instruction of Hour 3 Example from pp. 41-56 to create Hour3App project.
2. Follow the instruction of Exercises 1 (page 58) to add a new resources.
3. Follow the instruction of Exercise 2 (page 58) to add a new dimension resource
4. Follow the instruction of Exercise 3 (page 58) to add a new drawable graphics file resource
5. Submit a lab report (name it cpet565-499-Lab3-YourName.docx) that includes the following section: (see the following guideline for your reference,

<http://www.etc.ipfw.edu/~lin/InfoForAllCourses/laboratoryreport.htm>)

**** Objectives**

**** Computer Equipment and Software Used**

**** Procedure(with Code)**

**** Data (Screen shots, results)**

**** Conclusion**

Submit your (A) electronics copy of Lab report 3 , (B) the whole project file for the Lab 3 (in Zip file format) – due September 22, 2014, before 3:30 PM