

**CPET 565/CPET 499 Mobile Computing Systems**  
**Assignment 3**  
**Enterprise Mobility – Mobile Project Data Modeling and Requirements**

**Assigned date: 10/15/2014**

**Due Date: 10/29/2014, before 3:30 PM**

**\*\* Each team should prepare both MS Doc file and a PPP file to present the finding to the company's executive committee (the CPET 565/499 class).**

**Enterprise Mobility Pilot Project**

After the company's strategic planning meeting, top administration approve a funding of \$60,000 for an Enterprise Mobility Pilot Project (each team should choose one for your own team) to explore a new mobile technology with business intelligent so that the company can stay innovative, competitive and possibly increase their capabilities, revenue/sales, and expand their global markets.

The major tasks during the kick-off phase of this Enterprise Mobility project are listed below. Each team

- 1) should decide it's Mobile App as being reported in Hw2 for it's project.
- 2) should conduct just-in-time study and report the findings of the following terms related to the project: **mobile application data, data requirements, data modeling, data structures, data stores, data access, query processing, data presentation, business process modeling, web services, Service-oriented architecture, and cloud computing.**
- 3) Should conduct a web search for at least 5 companies (major companies) that offer the related mobile technologies, products, tools, and/or services for your Mobile app, if no service is found, the team might need to consider in-house design
- 4) Should also make an initial risk assessment of the Mobile Enterprise pilot project. See the following references:
  - a. Risk Matrix, [http://en.wikipedia.org/wiki/Risk\\_Matrix](http://en.wikipedia.org/wiki/Risk_Matrix)
  - b. Risk Management Toolkit, <http://www.mitre.org/work/sepo/toolkits/risk/ToolsTechniques/RiskMatrix.html>
- 5) Should use Microsoft Project to plan for your project:
  - a. Tasks/subtasks, time duration
  - b. Milestones