455/555 Final Project –Phase 1 (50 points)

Requirements:

Groups of three max allowable. Each student must carry his/her weight for the project!

Objectives:

Include in a doc file a brief narrative of your project. Include your project idea and a brief description of what your app is to perform. What functionality your app will include to be a successfully working app. Mention any highlights such as tools, databases, sensors, etc. you wish to deploy in your app as well into your description. Include also salient points as to how perhaps the app may be of interest in the marketplace, that is what perhaps will make it unique!

Wireframe your idea into a solid UI. Include ample activity screens loaded with UI elements.

Wireframing/colaboration software can be found here:

<https://proto.io>, <https://www.fluidui.com>, <https://moqups.com>, <https://www.draw.io>

From AS, create a project and design sample model classes (can be a preliminary design of your project idea using various activity & utility class files). Generate UML design of your project files from <https://www.visual-paradigm.com/download> (reverse engineers instantly your src folder into UML Diagram) or Visio.

Project tips

When designing your app it should be…

-Thematic w./ colors, fonts, graphics, etc

-User friendly-provide easy navigation (fluid) interfaces

-Be scalable (easy to maintain & be adaptable (ready for version updates??)

What to turn in?

Include all members of your group in a title page as well as a table of contents of what your including as Phase 1 detail into a word doc along with your narrative, a copy of your wireframe UI designs (URL acceptable), a preliminary UML class diagram design, and your respective Project Idea Document Template word doc (included as attachment) into BlackBoard for credit and feedback. One submission by a group member is adequate as all members will receive equal grading for the submission.

Phase 2 will include the implementation of your project as well as a brief PowerPoint describing your projects including some snapshots of your running app! (Video presentations will be allowed for submittal for online students who cannot make a classroom presentation appearance. Complete member participation is still mandatory).