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

Requirements:

The project can be a solo effort, or by groups. For groups, each student must carry his/her weight for the project! Groups of two are ideal. If groups of three, please check with TA to see if project idea will be robust enough/warranted doing the app with three students.

Objectives:

In addition to posting your app idea in Google docs, please include in a Word doc file a brief *narrative* of your project. Include your project idea and a brief description of what your app is to perform. Description can include what functionality your app will have to be a successfully working app. Mention any highlights such as tools, api’s, libraries, databases, files, sensors, etc. you wish to deploy in your app as well into your description. Include salient points as to how the app may be of interest in the marketplace, i.e., what will make it unique!

Wireframe your idea into a solid UI. Include any ample activity screen snapshots loaded with desired UI elements. Of course, this is just a prototype of what screens / activities will eventually look like, as understandably things will change given your final outcomes.

Wireframing/collaboration software choices can be found here:

<https://proto.io>, <https://www.fluidui.com>, <https://moqups.com>, <https://www.draw.io>, <http://ai2.appinventor.mit.edu>

Project tips

When designing your app, it should be…

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

-User friendly- provide an easy navigation (fluid) interface(s)

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

What to turn in?

Include all members of your group (if any) in a title page as well as a table of contents of what your including as Phase 1 detail into a word doc namely your narrative and a copy of your wireframe UI designs (just an URL is acceptable) into Blackboard for credit and feedback, by Nov. 9th Friday. One submission by a group member into BB is adequate enough as all members will receive equal grading for the submission.

Phase 2, coming soon, will explain the implementation needed for your app. Marks also for your final project will be the presentation of a working app and a brief PowerPoint describing your idea. Video presentations will be allowed for submittal for online students who cannot make a classroom presentation appearance. Complete member participation is still mandatory.