Class Case Study Description

This is the scenario we are simulating for the purposes of this class.

You are the project manager from your company assigned to develop a Property Management software for a company named **Excel Property Management (EPM)**. *Sparky* is the name of its owner. Eve Weave is also the EPM's relationship manager at your company and has gotten approval from management to proceed with this project to complete phase 0 as evidenced by the relationship manager completing the Project charter, and obtaining the current "tool" being used by EPM (see links at bottom of this page). You have been assigned as your company's the project manager.

As you will learn in this class, project management involves taking this charter and filling out additional detail needed for ensuring successful software delivery to the customer. As a project evolves, several documents are typically completed by the project manager with help from the engineering team assigned to ensure successful completion. They are listed below.

- Project Scope
- UML Use Case diagram
- Project Requirements
- Project WBS
- Gantt Chart (Schedule)
- Cost Estimate
- Risk Register
- Risk Probability / Impact matrix.

Some of these assignments do have some amount of ambiguity in this scenario. The idea here is to give you a glimpse into a higher level and typically more ambiguous world than pure software development. Make reasonable assumptions (and do note them) as you complete those documents. These will be some of the assignments throughout the course.

EPM would like two major deliverables, Phase 0, which would be an excel and access database solution and Phase 1, being a web-based solution.

For Phase 0, you will wear multiple hats (roles) as you will be both the PM and the engineer. You will not deliver code on Phase 1 - however you will include Phase 1 in the project related HW assignments listed above that will be used near the end of Phase 0, to get management approval for Phase 1.

For the purposes of the project - you can make changes to the spreadsheet, add/design additional databases, so long as the requirements are met and all functionality required.

SER416 Case Study Charter.pdf (https://canvas.asu.edu/courses/234472/files/112833194?wrap=1)

NOTE: You can find useful links for web development and templates for the assignments, such as UC diagrams, requirements documentation, etc in Modules -> Links and Tools and Modules -> Templates and More.