|  |  |  |
| --- | --- | --- |
| **MCDA5510** | **Project 1** | **Part 1 Due: Oct. 22**  **Part 2 Due: Nov 1** |

**Software development planning**

**Part 1: Agile Project Planning and Backlog (Due Oct22nd)**

In class, we built the initial product backlog for the payment provider company we have just started. We developed the work in the first sprint and we have created tasks and estimated the work.

The assignment starts at the end of the first sprint where we have successfully completed the work for the first sprint and are beginning the work for the second. We have introduced 10 new stories in class, these are the future work.

Teams will be the same as in class

Due Oct 15: Conduct a planning meeting to re-prioritize the work, the priority and effort should roughly represent the effort required to complete the tasks. Break down the next sprint work, the amount of work undertaken should roughly be the same as the previous sprint. We added new Stories in class. At least 4 stores must be added to the sprint backlog

Submit a copy of the planning spreadsheet on Oct14th(midnight) into the repo of the person designated to be Product Owner. **These deadlines are not flexible, their promptness are part of your grade.** as the assignment will re-continue the 15th

Your submission for the 15th and sprint 2 should be complete on the 15th. In class on the 15th we will populate the next list of backlog items, mark the ones completed in sprint 2 backlog as complete and repeat and do product backlog and sprint backlog for sprint 3 for next week as the final submission.

Repeat creating the 3rd backlog before class on the 17th,

Repeat one last final time before final submission on 22nd

Create one final “Retrospective” tab where each member adds one item

* What worked within the project
* What did not work within the project

**Submissions**

Spreadsheet must be submitted in your repo of the “Product Owner” with your team.

One of the sheets must list all the team members, first/last names and A Numbers

**Part 2: Waterfall Project Planning and Backlog ( Nov 17th)**

As a group develop the waterfall SDLC documents describing the features in the backlog that you would have implemented in the first 4 sprints.

1. Requirements document (SRS)
2. High level design document
3. Detailed design documents
4. Test Suite
5. Test case (single case)
6. Release plan

**Submission:**

The 6 documents will be due on **Nov19th**

Documents MUST be created and shared via Product Owners One Drive, I will be looking for contrition by all members.