term project DETAIls

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# Term Project Details – Part 1

## Project Information

Using the project information provided by your professor (please refer to Project Logistics), please complete the following:

## Project Planning:

* **Project Vision statement:** You will work with your team to create a project vision statement. The assignment box has files with details for the case study.
* **User Stories:** Create a minimum of 10 user stories and a maximum of 20 user stories for the project. A sample user story for this project will be provided by your professor.

Backlog Creation**:**

* **Project Backlog Creation:** You will work with your team to create a project backlog, capturing all the tasks required to complete the project.
* **Task Prioritization:** You will prioritize the tasks in the backlog based on their importance and urgency.
* **Task Estimation:** You will estimate the effort required to complete each task using story points.
* **Acceptance Criteria:** You will create acceptance criteria for each user story

Release and Sprint Planning:

* **Sprint Definition:** We will explain the concept of Releases and Sprints.
* **Release Goal Setting:** You will work with your team to set a Release goal, a clear objective for a Release. The project will be completed in 14 weeks (by end of this course)
* **Sprint Goal Setting:** You will work with your team to set a sprint goal, a clear objective for the upcoming sprint. Our **sprints** will be **2 weeks** in length. So, you should have a **minimum of 2 and maximum of 5** sprints in total accounting for exam and student preparation weeks.
* **Sprint Backlog Selection:** You will select tasks from the backlog to be included in the current sprint.
* Assume a Velocity of 12 to 20 Story points as your capacity for planning sprints.

Sprint Execution:

* **Daily Standup Meetings:** You will participate in daily standup meetings where you will discuss your progress, roadblocks, and commitments for the day.
* **Task Completion:** You will work on your assigned tasks and track your progress in JIRA.
* **Task Management:** We will address any issues or roadblocks that arise during the sprint, providing guidance on task management and prioritization.
* **Time Tracking:** Please make sure you enter time in Time Tracking fields so that we have good burndown charts to review that reflects actual time remaining on a regular basis.

# Term Project Details Part 2

Release and Sprint Planning:

* **Release Goal Setting:** You will work with your team to set a Release goal, a clear objective for a Release. The project will be completed in 14 weeks (by end of this course)
* **Sprint Goal Setting:** You will work with your team to set a sprint goal, a clear objective for the upcoming sprint. Our **sprints** will be **2 weeks** in length. So, you should have a **minimum of 2 and maximum of 5** sprints in total accounting for exam and student preparation weeks.
* **Sprint Backlog Selection:** You will select tasks from the backlog to be included in the current sprint.
* Assume a Velocity of 12 to 20 Story points as your capacity for planning sprints.

Sprint Execution:

* **Daily Standup Meetings:** You will participate in daily standup meetings where you will discuss your progress, roadblocks, and commitments for the day.
* **Task Completion:** You will work on your assigned tasks and track your progress in JIRA.
* **Task Management:** We will address any issues or roadblocks that arise during the sprint, providing guidance on task management and prioritization.
* **Time Tracking:** Please make sure you enter time in Time Tracking fields so that we have good burndown charts to review that reflects actual time remaining on a regular basis.

Sprint Review and Retrospective:

* **Sprint Review:** You will participate in a sprint review meeting where you will demonstrate the completed work and gather feedback from stakeholders.
* **Sprint Retrospective:** You will participate in a sprint retrospective meeting where you will reflect on your performance, identify areas for improvement, and set action items for the next sprint. The focus is to identify areas for improvement in how you are performing the work.