Sprint Planning Document

Authors

Title of Project

October 7, 2018

1 User Stories

This section describes the system features from a user perspective. These user stories drive the development as their completion verifies that system requirements have been met from the user perspective. The user stories describe the feature a user wants and why they want it. Each user stories are assigned an ID for tracking and sprint planning purposes. Features that are used by multiple users have been assigned a single ID with each reason being described separately by each user. Additionally, each user story is assigned a number of story points. These points describe the overall effort required to understand, research and implement the user story feature.

1.1 PGO

User Story ID	I want to	So that I can
1	create an application	begin the the approval process.
2	add documents to the application	store all documents in a single repository
3	view an application	verify that application creation was successful
4	view all applications in progress	check up on applications.
5	be notified once a PGC has made a decision	upload the decision to SIMS
6	notify supervisors and the PGC	receive decisions faster.
7	view all completed applications	review previous applications.

1.2 Supervisor

User Story ID	I want to	So that I can
6	be notified by the PGO	be reminded to view an application.
3	view an application	make a decision on the application
8	load my decision onto the system	give the applicant my feedback.
9	give a reason for rejection	ensure other Actors know my reasoning.

1.3 PGC

User Story ID	I want to	So that I can
6	be notified once a supervisor has made a decision.	be reminded to view an application.
3	view an application	verify the decision.
8	load my decision onto the system	confirm or reject the supervisor's decision.

1.4 User Story Points

This section describes the story points for each user story. Story points are a relative measure of overall effort required to implement the user story feature. A baseline user story is selected as a reference with assigned score of 1. Other features are assigned a score relative to the amount of work required for the base feature i.e twice as much work will yield a score of 2.

User Story ID	Story Points
1	8
2	4
3	4
4	4
5	1
6	1
7	4
8	1
9	1

2 Backlog

This section is a list of all tasks to be completed for the completion of the project. This includes tasks that move towards completing a user story as well as tasks involving project management, research and documentation. The non-user-story tasks will be given an effort score where one point is the equivalent effort for a story point. This approach was chosen so as to reflect the efforts of non-development team members.

Task ID	Task Description	Eff
1	Meet with PGO	1
2	Meet with PGC	1
3	Create LaTeX Template for SRS	2
4	System Feature Analysis and Decomposition	4
5	Author SRS	16
6	Create document structure and introduction for Software Architecture Document	2
7	Author Use Case View	2
8	Author Component View	4
9	Author Process View	2
10	Author Database View	4
11	Author Design View	4
12	Compile Software Architecture Document	16
13	Compile Sprint Plan	4
	Author Unit Test Description	1
	Author Performance Testing Description	1
	Compile Project Introduction	2

Task ID	Task Description	User Story

3 Sprint Description

The following table provides and overview of each sprint undertaken by the development team. The Sprints are arranged around deliverables for the final project i.e System Documentation and The System Prototype.

Sprint Title	Sprint Description	Start-End Date	Deliverable
Requirements	The requirements elicitation phase including domain knowledge research and client meetings.	17 August - 31 August	System Requirements Specification
System Design	The design and documentation of the system prototype.	7 September - 7 October	System Documentation
System Implementation	The development of the system prototype.	21 September - 7 October	System Prototype

4 Sprint Plan