Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	18 October 2022
Team ID	PNT2022TMID41234
Project Name	Project - Web Phishing Detection
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Natraj.K
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	1	High	Natraj.K
Sprint-2	Model Training	USN-3	Train an ML Model to identify Phishing URLs	2	Very High	Sudharsan.s
Sprint-3	Browser Extension	USN-4	Create a Web Extension that can be added to the browser	2	Very High	Kerthik.S
Sprint-3	Publish Extension	USN-5	Build and Publish the Extension	1	High	Mohammad Akram
Sprint-4	Flask app	USN-6	Make a Flask app for Registering and to use the ML model	2	Very High	Sudharsan.S
Sprint-4	Deploy to Cloud	USN-7	Deploy the Flask app to Cloud	1	High	Mohammad Akram
Sprint-4	Unit Tests	USN-8	Run extensive tests on the application	2	High	Kerthik.S

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	08 Nov 2022	14 Nov 2022	20	29 Oct 2022
Sprint-2	20	6 Days	09 Nov 2022	15 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	11 Nov 2022	17 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.