Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID02309
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	Suraj N.
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	1	High	Suraj N.
Sprint-2	Model Training	USN-3	Train an ML Model to identify Phishing URLs	2	Very High	Thuhin Khanna R.
Sprint-3	Browser Extension	USN-4	Create a Web Extension that can be added to the browser	2	Very High	Varun Rishwandh S.
Sprint-3	Browser Extension	USN-5	Configure the Web Extension so that it sends data back to the backend server	1	High	Varun Rishwandh S.
Sprint-4	Flask app	USN-6	Make a Flask app for Registering and to use the ML model	2	Very High	Thuhin Khanna R.
Sprint-4	Deploy to Cloud	USN-7	Deploy the Flask app to Cloud	1	High	Sujan G.
Sprint-4	Unit Tests	USN-8	Run extensive tests on the application	2	High	Sujan G.

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	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics
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