Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID35524
Project Name	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	View training dataset	USN-1	As a user, I can view the training dataset and all the visualisation techniques on it	20	High	Abhinand G, Roshni Balasubramanian
Sprint-2	Feature Extraction	USN-2	As a user, I can extract features from the suspicious URL after Pre-Processing	10	Medium	Aruna Srikamakshi R, Suba Varshini V
Sprint-2	Machine Learning Prediction	USN-3	As a user, I can make use of machine learning models and receive a ground truth from the selected feature matrix after selecting the required features	10	High	Abhinand G, Roshni Balasubramanian
Sprint-3	User Interface and output	USN-4	As a user, I can check if my URL is malicious or not	20	High	Aruna Srikamakshi R, Suba Varshini V
Sprint-4	Login	USN-5	As a user, I can log into the application by entering my email ID	10	High	Aruna Srikamakshi R,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Suba Varshini V
Sprint-4	Email Alert	USN-6	As a user, I will receive a confirmation email to my email ID if the website I'm trying to check is malicious	10	High	Aruna Srikamakshi R, Suba Varshini V

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	07 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	14 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

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

Burndown Chart:

A burn down 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.