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

Date	29 October 2022
Team ID	PNT2022TMID52337
Project Name	Project - Web Phishing Detection
Maximum Marks	8 Marks

Team Members:

1.Prakash.H[Team Lead]

2.Mukesh.R

3.Siva prabin.R

4.Pratheesh.P

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	User input	USN-1	User inputs the URL of the suspicious website in the required field to check for its validation.	10	High	Prakash.H and mukesh.R
Sprint-1	Website Comparison	USN-2	The Model compares the websites using the Blacklist and the Whitelist approach.	10	High	Sivaprabin. R and Pratheesh. P
Sprint-2	Feature Extraction	USN-3	After comparison, if nothing is found, then it extracts features using heuristic and visual similarity.	10	Medium	Prakash.H and mukesh.R
Sprint-2	Prediction	USN-4	The Model predicts the website's URL using Machine learning algorithms such as logistic Regression, Decision Tree and KNN etc..	10	High	Sivaprabin and Pratheesh. P
Sprint-3	Classifier	USN-5	The Model sends all of the output to the classifier and it produces the final result.	20	High	Prakash.H and mukesh.R
Sprint-4	Announcement	USN-6	The Model then displays whether the website is a valid and certified one or a phishing one.	10	High	Sivaprabin and Pratheesh. P
Sprint-4	Events	USN-7	This model should have capability of retrieving and displaying accurate results for a website.	10	Medium	Prakash.H and mukesh.R

Project Tracker and 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	01 Nov 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	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)

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