

## Project Planning Phase

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

Date	03 November 2022
Team ID	PNT2022TMID34830
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	Home Page	USN-1	As a user, a simple user interface with search bar and a detect button which provides immense user experience.	10	Medium	Anoj arul dhas, Dinesh Evaristus Zen
Sprint-1	Dashboard	USN-2	As a user, the information with respect to the Functionalities of the webpage and its uses can be known.	10	Medium	Divya Lifna, Kayal Vizhi
Sprint-2	Dataset Collection	USN-3	Two dataset one comprises of legitimate websites and the other comprises of phished and blacklisted websites which is featured to train and test the model.	10	Medium	Evaristus Zen, Divya Lifna, Kayal Vizhi
Sprint-2	Data Pre-processing	USN-4	Fetches the features of the data and pre-process the data for training and testing.	10	High	Anoj arul dhas, Dinesh
Sprint-3	Training the data	USN-5	The featured data is trained using several Machine Learning Algorithms and among the best Algorithm is preferred for the model.	10	High	Anoj arul dhas, Dinesh, Evaristus Zen
Sprint-3	Testing the data	USN-6	The Best Algorithm is implemented to detect the phished sites.	10	High	Divya Lifna, Kayal Vizhi
Sprint-4	Prediction	USN-7	User would able to analyse whether the website is a real website or a phishing website.	5	High	Anoj arul dhas, Dinesh
Sprint-4	Result page	USN-8	User can able to see the results web page of the analysis.	5	High	Evaristus Zen
Sprint-4	User query	USN-9	User can able to reply any queries regarding the results of the analysis.	5	Low	Divya Lifna

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Contact	USN-10	User can able to contact the developer directly for any other queries.	5	Low	Kayal Vizhi

#### 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 Nov 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Nov 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:**

$$AV = \text{sprint duration/velocity} = 6/20 = 0.3$$

Burndown Chart:

