

## Project Planning Phase

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

Date	05 November 2022
Team ID	PNT2022TMID44340
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 Point	Priority	Team Members
Sprint-1	Data Collection	USN-1	As a user, I can't interact anything. Waiting is user's task. User can listen the relationship exist between the various attributes of data by presentation of developer.	2	Low	Sanjay Kumar C
Sprint-1	Data Pre-processing	USN-1	As a user, provide the clean data set that further Allows the model.	2	High	Naveen VP
Sprint-2	Choose the Model	USN-2	We will be initially Considering logistic regression model to fit the data	1	High	Nithish Kumar V
Sprint-2	Metrics of the Model	USN-2	We will be evaluating the model built. We use the test set for evaluation	2	High	Nithish kumar V Naveen VP
Sprint-3	Flask App	USN-3	In the flask application ,the URL is taken from HTML page and it is scraped to get the different factors or behaviour of URL	1	Medium	Nithish Kumar V Mohan S
Sprint-3	Build an HTML Page	USN-4	HTML page to take the URL as the text and upon clicking the button for submission it has to redirect to the URL for "y_predict" which returns if the URL given is PHISHING or SAFE	2	High	Mohan S
Sprint-3	Testing the Model	USN-5	To test the model	1	Medium	Mohan S Naveen VP

Sprint-4	Login	USN-7	As a user, I can log into the application by entering email & password and I can register .login to the application through G-mail	2	Medium	Sanjay Kumar C
Sprint-4	Feedback	USN-8	As a user, I can raise complaint or query and give feedback	1	Medium	Naveen VP
Sprint-4	Improve overall web app	USN-9	As a user, I can user revised and improved version of web application	1	High	Mohan S Naveen VP Nithish Kumar V Sanjay Kumar C

### 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:

We have a 24-day sprint duration, and the velocity of the team is 20 (points per sprint). Thus the team's average velocity (AV) per iteration unit (story points per day) is as follows

$$\text{AV} = \text{sprint duration} / \text{velocity}$$

$$= 24/20$$

$$= 1.2$$

### 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.

