

## Project Planning Phase

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

**Date** 25<sup>nd</sup> October 2022  
**Team ID** PNT2022TMID15077  
**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 | User input                    | USN-1             | User inputs an URL in the required field to check its validation.   | 1            | Medium   | Ramanaathan S           |
| Sprint-1 | Website Checking              | USN-2             | Model compares the websites using Blacklist and Whitelist approach.   | 1            | High     | Rahul S                 |
| Sprint-2 | Feature Extraction            | USN-3             | After comparison, if none found on comparison then it extracts feature using heuristic and visual similarity. | 2            | High     | Shanmugam S, Shrivass S |
| Sprint-2 | Prediction                    | USN-4             | Model predicts the URL using Machine learning algorithms such as logistic Regression, KNN.                    | 1            | Medium   | Shrivass S              |
| Sprint-2 | Classifier                    | USN-5             | Model sends all the output to the classifier and produces the final result.                                   | 1            | Medium   | Shanmugam S             |
| Sprint-3 | Announcement                  | USN-6             | Model then displays whether the website is legal site or a phishing site.                                     | 1            | High     | Shrivass S              |
| Sprint-3 | Events                        | USN-7             | This model needs the capability of retrieving and displaying accurate result for a website.                   | 1            | High     | Ramanaathan S           |
| Sprint-4 | Website Development           | USN-8             | This enables to show the user the predicted output in our website and decide                                  | 1            | Medium   | Rahul B                 |

### 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 | 12                 | 6 Days   | 24 Oct 2022       | 29 Oct 2022              | 20  | 29 Oct 2022                  |
| Sprint-2 | 6                  | 6 Days   | 31 Oct 2022       | 05 Nov 2022              | 20  | 30 OCT 2022                  |
| Sprint-3 | 6                  | 6 Days   | 07 Nov 2022       | 12 Nov 2022              | 20  | 6 NOV 2022                   |
| Sprint-4 | 6                  | 6 Days   | 14 Nov 2022       | 19 Nov 2022              | 20  | 7 NOV 2022                   |

## Velocity:

AV for sprint 1= Sprint Duration /velocity =12/6=2 AV for sprint 2= Sprint Duration/Velocity=6/6=1 AV for Sprint 3=Sprint Duration/Velocity=6/6=1 AV for Sprint 4=Sprint Duration/Velocity=6/6=1

# Burndown Chart:

