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

| Date | 20 October 2022 |
|---|---|
| Team ID | PNT2022TMID24996 |
| 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 | Mohamed Afthaf M |
| Sprint-2 | Website Comparison | USN-2 | Model compares the websites using Blacklist and Whitelist approach. | 1 | High | Stalin Sacratees A |
| Sprint-3 | Feature Extraction | USN-3 | After comparison, if none found on comparison then it extract feature using heuristic and visual similarity. | 2 | High | Sandiyo christan A |
| Sprint-4 | Prediction | USN-4 | Model predicts the URL using Machine learning algorithms such as logistic Regression, KNN. | 2 | Medium | Praveen Kumar E |
| Sprint-5 | Classifier | USN-5 | Model sends all the output to the classifier and produces the final result. | 1 | Medium | Mohamed Afthaf M |
| Sprint-6 | Announcement | USN-6 | Model then displays whether the website is legal site or a phishing site. | 1 | High | Stalin Sacratees A |
| Sprint-7 | Events | USN-7 | This model needs the capability of retrieving and displaying accurate result for a website. | 2 | High | Sandiyo Christan A |

**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 | 1 | 3 Days | 24 Oct 2022 | 26 Oct 2022 | 1 | 26 Oct 2022 |
| Sprint-2 | 1 | 3 Days | 29 Oct 2022 | 29 Oct 2022 | 1 | 29 Oct 2022 |
| Sprint-3 | 2 | 3 Days | 03 Nov 2022 | 03 Nov 2022 | 2 | 03 Nov 2022 |
| Sprint-4 | 2 | 3 Days | 07 Nov 2022 | 08 Nov 2022 | 2 | 08 Nov 2022 |
| Sprint-5 | 1 | 3 Days | 11 Nov 2022 | 12 Nov 2022 | 1 | 12 Nov 2022 |
| Sprint-6 | 1 | 3 Days | 15 Nov 2022 | 16 Nov 2022 | 1 | 16 Nov 2022 |
| Sprint-7 | 2 | 3 Days | 20 Nov 2022 | 20 Nov 2022 | 2 | 20 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.

**Reference:**

[https://www.atlassian.com/agile/project-management](https://www.atlassian.com/agile/project-management)

[https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software)

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[https://www.atlassian.com/agile/project-management/estimation](https://www.atlassian.com/agile/project-management/estimation)

[https://www.atlassian.com/agile/tutorials/burndown-charts](https://www.atlassian.com/agile/tutorials/burndown-charts)