**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 12 November 2022 |
| Team ID | PNT2022TMID50791 |
| Project Name | Project – WEB PHISHING DETECTION |
| Maximum Marks | 8 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Numpy,pandas,matplotlib,seaborn,  Scikit learn. | USN-1 | Collection of dataset and pre-processing the dataset. | 20 | High | Esther,Gayathri Priyadharshini,Merlin,Sakthi Eswari,Uma. |
| Sprint-2 | Scikit learn. | USN-2 | Building Machine learning model | 20 | High | Esther,Gayathri Priyadharshini,Merlin,Sakthi Eswari,Uma. |
| Sprint-3 | Flask app,  visual studio code-html,css,  Anaconda prompt. | USN-3 | Building an Application to integrate the model. | 20 | High | Esther,Gayathri Priyadharshini,Merlin,Sakthi Eswari,Uma. |
| Sprint-4 | IBM cloud,IBM watson. | USN-4 | Train the model on IBM. | 20 | High | Esther,Gayathri Priyadharshini,Merlin,Sakthi Eswari,Uma. |

**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 | 07 Nov 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 10 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 15 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)



**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](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.

Chart, line chart

Description automatically generated