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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

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.