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

Date	21 October 2022
Team ID	PNT2022TMID08565
Project Name	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	Home page	USN-1	User can view the homepage that contains resources about web phishing.	5	Low	Nivetha S Priyadharshini K Varadharaj S Vishnu Vardhan S S
Sprint-1	User input	USN-2	User inputs an URL in the required field to check its validation.	15	Medium	Nivetha S Priyadharshini K Varadharaj S Vishnu Vardhan S S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Prediction	USN-3	Model predicts the URL using Machine learning algorithms such as logistic regression in classification algorithm.	10	High	Nivetha S Priyadharshini K Varadharaj S Vishnu Vardhan S S
Sprint-2	Classifier	USN-4	Model sends all the output to the classifier and produces the final result.	10	High	Nivetha S Priyadharshini K Varadharaj S Vishnu Vardhan S S
Sprint-3	Produces result	USN-5	Model then displays whether the website is legal site or a phishing site.	12	High	Nivetha S Priyadharshini K Varadharaj S Vishnu Vardhan S S
Sprint-3	Outputs result	USN-6	This model needs the capability of retrieving and displaying accurate result for a website.	8	Medium	Nivetha S Priyadharshini K Varadharaj S Vishnu Vardhan S S
Sprint-4	Contact page	USN-7	User can share the experience or contact the admin for the support.	6	Low	Nivetha S Priyadharshini K Varadharaj S Vishnu Vardhan S S

Sprint							
Sprint-4	User experience	USN-8	Enhanced the website's interface for better user experience.	14	Medium	Nivetha S Priyadharshini K Varadharaj S Vishnu Vardhan S S	

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:

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)

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

We have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). So our team's average velocity (AV) per iteration unit (story points per day)

$$AV = (Sprint\ Duration\ /\ Velocity) = 20\ /6 = 3.34$$

Burndown Chart:

A burndown 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.

	SP	OCT	NOV	
Sprints			MIL S... MIL S... MIL S... MIL S...	
> MIL-1 Home Page		�		
> MIL-2 User input		▮		
> MIL-3 Prediction			▮	
> MIL-4 Classifier			▮	
> MIL-11 Produces result			▮	
> MIL-12 Outputs result			▮	
> MIL-13 Contact page			▮	
> MIL-14 User Experience			▮	