Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID27012
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	Collecting Dataset	USN-1	Downloading the required dataset	1	Low	SURIYA LEKSHMI R M
Sprint-1	Pre-process data	USN-2	Import required libraries	1	Low	GIRISHA M V
Sprint-1		USN-3	Read and Splitting of data sets	2	Low	SHRUTHI R
Sprint-1		USN-4	Handling of Null Values, Split Data	2	Low	PITCHMA PRIYA K
Sprint-2	Model building	USN-1	Working with Logistic Regression Model with Split Data of dependent and independent variables	3	Medium	PITCHMA PRIYA K, SURIYA LEKSHMI R M
Sprint-3	Application Building	USN-1	Build Flask-1, Flask-2	3	Medium	GIRISHA M V, SHRUTHI R
		USN-2	Build HTML page	3	Medium	PITCHMA PRIYA K, GIRISHA M V
		USN-3	Execute and Testing	4	High	PITCHMA PRIYA K, SURIYA LEKSHMI R M,SHRUTHI R
Sprint-4	Training the model	USN-1	Train Machine Learning Model	5	High	PITCHMA PRIYA K,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						GIRISHA M V, SURIYA LEKSHMI R M,SHRUTHI R
		USN-2	Integrate Flask with scored End Point	5	High	SURIYA LEKSHMI R M,SHRUTHI R,PITCHMA PRIYA K, GIRISHA M V

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	11 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	11 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)

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

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.