Project Planning Phase

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

Date	16 November 2022
Team ID	PNT2022TMID42479
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	Collection of Dataset	USN-1	In this task we will be collection different phishing and legitimate url and store it in the csv file.	10	High	Prasanth
Sprint-1	Data Preprocessing	USN-1	Now the dataset is read and the the null values and outliers are handled as part of this process.	10	High	Megana Sundaram, Dayana Delsy, Nandhitha
Sprint-2	Model Building	USN-2	In this process we will be using different classification model and will be testing its accuracy.	15	High	Megana Sundaram, Nandhitha
Sprint-3	Application Building	USN-3	As a part of this process using the flask framework we will be building the website.	15	Medium	Prasanth, Jagadish, Megana Sundaram, Dayana Delsy, Nandhitha
Sprint-4	Train the model on IBM	USN-4	As a part of this process we will be training our selected model on the IBM, Integrate flask with scoring ends.	20	High	Prasanth, Jagadish, Megana Sundaram, Dayana Delsy, Nandhitha

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	15	31 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	15	07 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	14 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 = 3.33

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts