

2Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID08575
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	Medium	Sampathkumar.p, Sanjai kumar S,Janan C, Dharineesh B
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	3	Medium	Sampathkumar.p, Sanjai kumar S,Janan C, Dharineesh B
Sprint-2	Collection of Dataset	USN-3	As a developer, I need to collect related data stored in a digital format to make machine learning models to understand.	3	High	Sampathkumar.p, Sanjai kumar S,Janan C, Dharineesh B
Sprint-2	Data Pre-Processing	USN-4	As a developer, I need to cleaning and organizing the raw data to make it suitable for building and training the model	5	High	Sampathkumar.p, Sanjai kumar S,Janan C, Dharineesh B
Sprint-3	Model Building	USN-5	As a developer, I need to use the dataset to built a model and test it using the test dataset	13	High	Sampathkumar.p, Sanjai kumar S,Janan C, Dharineesh B
Sprint-1	UI Design	USN-6	As a developer,I need to provide the user a good experiencing User interface	5	Medium	Sampathkumar.p, Sanjai kumar S,Janan C, Dharineesh B
Sprint-4	UI Integration	USN-7	As a developer, I need to integrate UI page and the model to get user input and display the result in more user-friendly manner.	8	High	Sampathkumar.p, Sanjai kumar S,Janan C, Dharineesh B

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Dashboard	USN-8	As a user, I should be able to enter my URL so that the model will return the result.	5	High	Sampathkumar.p, Sanjai kumar S,Janan C, Dharineesh B
Sprint-4	Result	USN-9	As a user, I can receive whether the URL has legitimacy or not.	3	High	Sampathkumar.p, Sanjai kumar S,Janan C, Dharineesh B

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	15	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	3	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	13	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	11	6 Days	14 Nov 2022	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)

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

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.

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

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

Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

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