

Project Planning Phase

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

Date	07 November 2022
Team ID	PNT2022TMID51771
Project Name	Project -A Gesture-Based Tool for Sterile Browsing of Radiology Images
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 access the application by entering credential and confirming the password.	2	High	Liju .J Shijo.M Rahul.R.S
Sprint-1		USN-2	As a user, I will receive the credential to access the application	2	High	Liju .J Shijo.M Ajeesh.A
Sprint-1	Login	USN-3	As a user, I can log into the application by entering the credential	2	Medium	Liju .J Rahul.R.S Ajeesh.A
Sprint-2	Dashboard	USN-4	Once logged in , based on data fed during training phase an analysis is made. Once the gesture is displayed the data gets compared to the one trained and the output is displayed	4	High	Liju .J Shijo.M Rahul.R.S Ajeesh.A

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Dataset	USN-5	As a user, I can feed and remove any sort of data	2	High	Liju .J Shijo.M
Sprint-3	Notifications	USN-6	As a user, I can receive notification if the dataset is found similar to the one that is fed.	2	High	Rahul.R.S Ajeesh.A
Sprint-3		USN-7	As a user, I can check on the desired output.	2	Medium	Liju .J Shijo.M Rahul.R.S Ajeesh.A
Sprint-4	Security	USN-8	As a user, I am assured for linking my datasets securely	4	High	Liju .J Shijo.M
Sprint-4	Customer care	USN-9	As a user, I can access the customer care for any queries and issues regarding the application.	2	Medium	Liju .J Shijo.M Rahul.R.S Ajeesh.A

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	3	6 Days	24 Oct 2022	29 Oct 2022	3	29 Oct 2022
Sprint-2	2	6 Days	31 Oct 2022	05 Nov 2022	2	05 Nov 2022
Sprint-3	3	6 Days	07 Nov 2022	12 Nov 2022	3	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	19 Nov 2022	2	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)

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

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>