

Project Planning Phase

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

Date	24 October 2022
Team ID	PNT2022TMID29231
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	Model Building	USN-5	As a user, I need an AI model which could classify or recognize the hand gestures	10	Medium	Rajesh G Jeeva A Yokesh E Muthukrishnan S
Sprint-2	User Interface Building	USN-6	As a user, I need a web app for human computer interaction	10	Medium	Rajesh G Jeeva A Yokesh E Muthukrishnan S
Sprint-3	Deployment of webapp in the cloud	USN-3	As a user, I need the webapp to be accessible all over the world	10	Medium	Rajesh G Jeeva A Yokesh E Muthukrishnan S
Sprint-3	Deployment of AI model in the cloud	USN-4	As a user, I need the AI model to be accessible all over the world	10	Medium	Rajesh G Jeeva A Yokesh E Muthukrishnan S
Sprint-4	Launch Web App deployed in cloud	USN-1	As a user, I can launch the webapp where I can upload the images for recognition	20	High	Rajesh G Jeeva A Yokesh E Muthukrishnan S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Prediction	USN-2	As a user, I can get the predicted results from the model deployed in the cloud	20	High	Rajesh G Jeeva A Yokesh E Muthukrishnan S

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Note: - The dates and the story points will be updated later during the project development phase

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	10	6 Days	02 Oct 2022	08 Oct 2022		
Sprint-2	10	6 Days	10 Oct 2022	16 Oct 2022		
Sprint-3	20	6 Days	17 Oct 2022	23 Oct 2022		
Sprint-4	40	6 Days	23 Oct 2022	28 Oct 2022		

Average Velocity:

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = 20/6 = 3.33$$

Burndown Chart*:

***Will be added once the project development sprint starts**