

Project Planning Phase

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

Date	18 October 2022
Team ID	Team ID : PNT2022TMID27288
Project Name	Project – DRS 2.0
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Get the dataset	3	High	Sanjay S Roshini G
	Explore the data	2	Medium	Sanjay S Roshini G Rishi Kumar S Yeshwanth M
	Data Pre-Processing	3	High	Sanjay S Roshini G Rishi Kumar S Yeshwanth M
	Prepare training and testing data	3	High	Sanjay S Roshini G Rishi Kumar S Yeshwanth M
Sprint- 2	Create the model	3	High	Sanjay S Roshini G Rishi Kumar S Yeshwanth M

Sprint	User Story / Task	Story Points	Priority	Team Members
	Train the model	3	High	Sanjay S Roshini G Rishi Kumar S Yeshwanth M
	Test the model	3	High	Sanjay S Roshini G Rishi Kumar S Yeshwanth M
Sprint- 3	Improve the model	2	Medium	Sanjay S Roshini G
	Save the model	3	High	Sanjay S Roshini G Rishi Kumar S Yeshwanth M
	Build the Home Page	3	High	Roshini G
	Setup a database to store input images	2	Medium	Sanjay S
Sprint- 4	Build the results page	3	High	Sanjay S Roshini G Rishi Kumar S Yeshwanth M
	Integrate the model with the application	3	High	Sanjay S Roshini G
	Test the application	3	High	Sanjay S Roshini G Rishi Kumar S Yeshwanth M

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	11	6 Days	24 Oct 2022	29 Oct 2022	11	29 Oct 2022
Sprint-2	9	6 Days	31 Oct 2022	05 Nov 2022	9	05 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	9	6 Days	14 Nov 2022	19 Nov 2022	9	19 Nov 2022

Velocity:

$$\text{Team Velocity} = \frac{\sum \text{sprint1} + \dots + \text{sprint4}}{4} = \frac{11+9+10+9}{4} = 9.75$$

$$AV = \frac{\text{team velocity}}{\text{duration}} = 1.625$$

Burndown Chart:

