

Project Planning Phase

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

Date	15 February 2025
Team ID	PNT2025TMID04206
Project Name	Vision AI
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	VA -18	Data Collection	2	Medium	Prashant
Sprint-1	Data Collection	VA- 19	Data Loading	2	Medium	Prashant
Sprint-1	Data Preprocessing	VA- 25	Image Preprocessing	2	Medium	Lokesh
Sprint-1	Model Building	VA- 20	Model Development	4	High	Siddharaj
Sprint-2	Model Building	VA- 21	Model Testing	2	Medium	Siddharaj
Sprint-2	Application Development	VA- 22	Frontend Development	1	Low	Arun
Sprint-2	Application Development	VA-23	Backend Development	2	Medium	Lokesh
Sprint-2	Model Deployment	VA-24	Streamlit Deployment	1	Low	Prashant

Project Tracker, Velocity & Burndown Chart:

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	7 Days	1 March 2025	7 March 2025	10	1st March
Sprint-2	6	7 Days	7 March 2025	13 March 2025	6	4th March

Velocity:

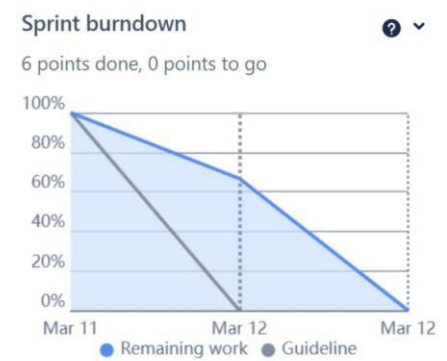
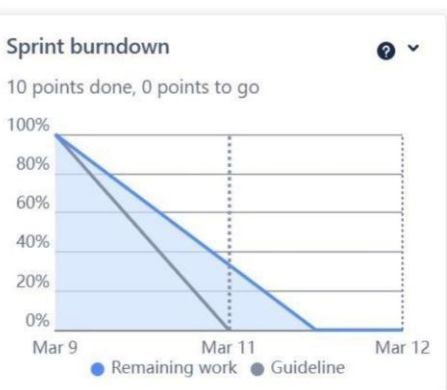
Total Story Point = 16

No of Sprints = 2

Velocity = $16/2$ Velocity

= 8 Points

Burndown Chart:



Sprints		Sp...	Sprint 2
<input type="checkbox"/> ▾ ⚡	VA-13 Data Collection		
<input type="checkbox"/> 📖	VA-18 Data Collection	DONE	
<input type="checkbox"/> 📖	VA-19 Data Loading	DONE	
<input type="checkbox"/> ▾ ⚡	VA-14 Data Preprocessing		
<input type="checkbox"/> 📖	VA-25 Preprocessing of Data	DONE	
<input type="checkbox"/> ▾ ⚡	VA-15 Model Building		
<input type="checkbox"/> 📖	VA-20 Model Development	DONE	
<input type="checkbox"/> 📖	VA-21 Model Testing	DONE	
<input type="checkbox"/> ▾ ⚡	VA-16 Application Building		
<input type="checkbox"/> 📖	VA-22 Frontend Development	DONE	
<input type="checkbox"/> 📖	VA-23 Backend Development	DONE	
<input type="checkbox"/> ▾ ⚡	VA-17 Model Deployment		
<input type="checkbox"/> 📖	VA-24 Streamlit Deployment	DONE	