

## Project Planning Phase

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

Date	22 Nov 2023
Team ID	Team-592284
Project Name	Market Segment Analysis using ML
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	High	MVL Swathi
Sprint-2		USN-2	As a user, I can register for the application through Facebook	2	Low	Eswar Sripadh
Sprint-1	Login	USN-3	As a user, I can register for the application through Gmail	2	Medium	Abhinaya
Sprint-1	Dashboard	USN-4	As a user, I can log into the application by entering email & password	1	High	Brindha Shri

#### 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	20	6 Days	12 Nov 2023	18 Nov 2023	20	18 Nov 2023

Sprint-2	20	6 Days	19 Nov 2023	22 Nov 2023		
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### 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:

#### Sprint burndown

BETA ? v

0 points done, 40 points to go

