

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID23576
Project Name	DemandEst – AI powered Food Demand Forecaster
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.	3	High	Aishwaya, Madhumitha
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Pavithra, Sneka
Sprint-1		USN-3	As a user, I can register for the application through Facebook	1	Low	Sneka, Madhu
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Aishwarya, Pavithra
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Madhumitha, Pavithra
Sprint - 3	Dashboard	USN-6	As a user, I can access all the services provided in the dashboard.	2	High	Aishwarya, Sneka
Sprint - 3	Support	USN-7	As a user I can get support from the help desk and can get my queries cleared.	2	High	Aishwarya, Pavithra
Sprint - 4	Management	USN-8	As an admin I can maintain the application.	1	Medium	Sneka, Madhumitha
Sprint - 4		USN-9	As an admin I can update the new datasets to the model and train them.	2	High	Pavitha, Madhumitha
Sprint-4		USN-10	As an admin I can maintain all the user details stored and the user's history.	2	High	Aishwarya, Sneka

**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	9	6 Days	24 Oct 2022	29 Oct 2022	9	29 Oct 2022
Sprint-2	2	6 Days	31 Oct 2022	05 Nov 2022	2	05 Nov 2022
Sprint-3	4	6 Days	07 Nov 2022	12 Nov 2022	4	12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	19 Nov 2022

**Velocity:**

Imagine we have a 6-day sprint duration, and the velocity of the team is 6 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{sprint duration/velocity}$$

$$= 6/6=1.$$

BURN-DOWN CHART

