

## Project Planning Phase

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

Date	22 <sup>nd</sup> October 2022
Team ID	PNT2022TMID08163
Project Name	DEMANDEST - AI POWERED FOOD DEMAND FORECASTER
Maximum Marks	8 Marks

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

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.	5	High	Kavya
Sprint-1	Verification	USN-2	As a user, I will receive confirmation email. Once I have registered for the application	5	High	Kavya
Sprint-2	Login	USN-3	As a user, I can login to the application by entering email and password.	2	High	Kavya
Sprint-2	Dashboard	USN-4	If the email id and password is correct, the user can log in to the application otherwise it shows 'incorrect password or Id'.	3	High	Prabavathi
Sprint-2	Help	USN-5	If the user faces any issues, he/she can report it to our mail id.	5	High	Prabavathi
Sprint-3		USN-6	We can provide an alternative solution to the problem.	5	Low	Menaka Sri
Sprint-3		USN-7	As admin I can provide some recommendation of the mostly purchased products.	5	Medium	Menaka Sri
Sprint-4	Verification	USN-8	Administrator also has unique Id and password to login.	2	High	Raghavi

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint- 4		USN-9	He has additional users to organize the users of this web app	2	High	Raghavi
Sprint-4	Data collections	USN-10	As an admin, I need to store all the user information on the cloud	3	High	Raghavi
Sprint -4		USN-11	As an admin, I need to collect the list of mostly liked food by the people	3	High	Raghavi

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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	10	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022		

**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)

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{20}{10} = 2$$

**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.