

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

Date	03 NOV 2022
Team ID	PNT2022TMID43603
Project Name	Project – Demand Est- AI Powered Food Demand Forecaster
Maximum Marks	8Marks

**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	Ravindra Kumar Nitish Kumar Kavita Kumari Ajay s
Sprint- 1		USN- 2	As a user, I will receive confirmation email once I have registered for the application	1	High	Ravindra Kumar Nitish Kumar Kavita Kumari Ajay s
Sprint- 2		USN- 3	As a user, I can register for the application through Facebook	2	Low	Ravindra Kumar Nitish Kumar Kavita Kumari Ajay s
Sprint- 2		USN- 4	As a user, I can register for the application through Gmail	2	Medium	Ravindra Kumar Nitish Kumar Kavita Kumari Ajay s
Sprint- 1	Login	USN- 5	As a user, I can log into the application by entering email & password	1	Kavita Kumari Ajay s	Ravindra Kumar Nitish Kumar Kavita Kumari Ajay s
Sprint- 1	Dashboard	USN- 6	As a user, I can access the services and information provided in the dashboard	2	High	Ravindra Kumar Nitish Kumar Kavita Kumari Ajay s

Sprint- 1	Login	USN- 7	Asa user, I can log into the web application and access the dashboard	1	High	Ravindra Kumar Nitish Kumar  Kavita Kumari Ajay s
Sprint- 4	Helpdesk	USN- 8	Asa user, I can get the guidance from customer care	1	High	Ravindra Kumar Nitish Kumar  Kavita Kumari Ajay s
<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- 3	Management	USN- 9	Asan administrator, I can collect new datasets and keep the model trained	2	High	Ravindra Kumar Nitish Kumar  Kavita Kumari Ajay s
Sprint- 3		USN- 10	Asan administrator, I can update other features of the application	2	Medium	Ravindra Kumar Nitish Kumar  Kavita Kumari Ajay s
Sprint- 3		USN- 11	Asan administrator, I can maintain the information about the user	2	Medium	Ravindra Kumar Nitish Kumar  Kavita Kumari Ajay s
Sprint- 4		USN- 12	Asan administrator, I can maintain third- party services	1	Low	Ravindra Kumar Nitish Kumar  Kavita Kumari Ajay s

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (ason Planned End Date)	Sprint Release Date (Actual)
Sprint- 1	7	6 Days	24 Oct 2022	29 Oct 2022	7	29 Oct 2022
Sprint- 2	4	6 Days	31 Oct 2022	05 Nov 2022	4	05 Nov 2022
Sprint- 3	6	6 Days	07 Nov 2022	12 Nov 2022	6	12 Nov 2022
Sprint- 4	2	6 Days	14 Nov 2022	19 Nov 2022	2	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)

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

$$AV(\text{Sprint 1}) = 7/6 = 1$$

$$AV(\text{Sprint 2}) = 4/6 = 1$$

$$AV(\text{Sprint 3}) = 6/6 = 1$$

$$AV(\text{Sprint 4}) = 2/6 = 1$$

$$AV(\text{Total}) = 21/24 = 1$$

**Burndown Chart:**

A burndown 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, burndown charts can be applied to any project containing measurable progress over time.

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Projects / DemandEst-AI Powered Food Demand Forecaster

3 sprints

Complete sprint

GROUP BY None Insights

TO DO 6 OF 11 ISSUES

As a user, I can register for the application through Facebook

DAPDFD-6

As a user, I can register for the application through Gmail

DAPDFD-7

As an administrator, I can update other features of the application

DAPDFD-8

IN PROGRESS

DONE

Sprint burndown

0 points done, 4 points to go

Heads up

100% 80% 60% 40% 20% 0%

Oct 30 Nov 5

Remaining work Guideline

Epic progress

Link epics and estimate issues to drive your big goals