

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID42688
Project Name	Project – 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.	2	High	INIYAN S D ASHVIK J DHARANI R VINOBALA V
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	INIYAN S D ASHVIK J DHARANI R VINOBALA V
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	INIYAN S D ASHVIK J DHARANI R VINOBALA V
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	INIYAN S D ASHVIK J DHARANI R VINOBALA V
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	INIYAN S D ASHVIK J DHARANI R VINOBALA V
Sprint-1	Dashboard	USN-6	As a user, I can access the services and information provided in the dashboard	2	High	INIYAN S D ASHVIK J DHARANI R VINOBALA V

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Sprint-1	Login	USN-7	As a user, I can log into the web application and access the dashboard	1	High	INIYAN S D ASHVIK J DHARANI R VINOBALA V
Sprint-4	Helpdesk	USN-8	As a user, I can get the guidance from the customer care	1	High	INIYAN S D ASHVIK J DHARANI R VINOBALA V
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Management	USN-9	As an administrator, I can collect new datasets and keep the model trained	2	High	INIYAN S D ASHVIK J DHARANI R VINOBALA V
Sprint-3		USN-10	As an administrator, I can update other features of the application	2	Medium	INIYAN S D ASHVIK J DHARANI R VINOBALA V
Sprint-3		USN-11	As an administrator, I can maintain the information about the user	2	Medium	INIYAN S D ASHVIK J DHARANI R VINOBALA V
Sprint-4		USN-12	As an administrator, I can maintain third-party services	1	Low	INIYAN S D ASHVIK J DHARANI R VINOBALA V

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	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, burn down charts can be applied to any project containing measurable progress over time.

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Software project

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3 sprints

YY

Sprint 3 Clear filters

GROUP BY None Insights

TO DO 6 OF 11 ISSUES

As a user, I can register for the application through Facebook
DAPFDF-6 2 YY

As a user, I can register for the application through Gmail
DAPFDF-7 2 YY

As an administrator, I can update other features of the application
DAPFDF-8 2 YY

IN PROGRESS

DONE ✓

Sprint burndown BETA ?

0 points done, 4 points to go Heads up

The chart shows a linear decrease in remaining work from 100% at Oct 30 to 0% at Nov 5. The y-axis ranges from 0% to 100% in 20% increments. The x-axis shows dates Oct 30 and Nov 5. A blue dot indicates 'Remaining work' and a grey circle indicates 'Guideline'.

Epic progress
Link epics and estimate issues to drive your big goals