

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID00218
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	YAZHINI SHIREEN VIRUKSHA VITHYA
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	YAZHINI SHIREEN VIRUKSHA VITHYA
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	YAZHINI SHIREEN VIRUKSHA VITHYA
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	YAZHINI SHIREEN VIRUKSHA VITHYA
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	YAZHINI SHIREEN VIRUKSHA VITHYA
Sprint-1	Dashboard	USN-6	As a user, I can access the services and information provided in the dashboard	2	High	YAZHINI SHIREEN VIRUKSHA VITHYA

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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	YAZHINI SHIREEN VIRUKSHA VITHYA
Sprint-4	Helpdesk	USN-8	As a user, I can get the guidance from the customer care	1	High	YAZHINI SHIREEN VIRUKSHA VITHYA
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	YAZHINI SHIREEN VIRUKSHA VITHYA
Sprint-3		USN-10	As an administrator, I can update other features of the application	2	Medium	YAZHINI SHIREEN VIRUKSHA VITHYA
Sprint-3		USN-11	As an administrator, I can maintain the information about the user	2	Medium	YAZHINI SHIREEN VIRUKSHA VITHYA
Sprint-4		USN-12	As an administrator, I can maintain third-party services	1	Low	YAZHINI SHIREEN VIRUKSHA VITHYA

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.

 DemandEst-AI Powere...
Software project


PLANNING


 Roadmap


 Backlog


 Board

DEVELOPMENT

 Code

 Project pages

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 Project settings



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

Projects / DemandEst-AI Powered Food Demand Forecaster




3 sprints




   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  


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


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