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

Date	22 October 2022
Team ID	PNT2022TMID44529
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	Rupesh R, Prabhakaran T, Mayilsamy M, GokulKannan R, Santhosh K
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Rupesh.R Prabhakaran.T Mayilsamy.M Gokul Kannan.R Santhosh.K

Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Rupesh.R Prabhakaran.T Mayilsamy.M Gokul Kannan.R Santhosh.K
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	Rupesh.R Prabhakaran.T Mayilsamy.M Gokul Kannan.R Santhosh.K
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Rupesh.R Prabhakaran.T Mayilsamy.M Gokul Kannan.R Santhosh.K
Sprint-1	Dashboard	USN-6	As a user, I can access the services and information provided in the dashboard	2	High	Rupesh.R Prabhakaran.T Mayilsamy.M Gokul Kannan.R Santhosh.K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-7	As a user, I can log into the web application and access the dashboard	1	High	Rupesh.R Prabhakaran.T Mayilsamy.M Gokul Kannan.R Santhosh.K
Sprint-4	Helpdesk	USN-8	As a user, I can get the guidance from the customer care	1	High	Rupesh.R Prabhakaran.T Mayilsamy.M Gokul Kannan.R Santhosh.K
Sprint-3	Management	USN-9	As an administrator, I can collect new datasets and keep the model trained	2	High	Rupesh.R Prabhakaran.T Mayilsamy.M Gokul Kannan.R Santhosh.K
Sprint-3		USN-10	As an administrator, I can update other features of the application	2	Medium	Rupesh.R Prabhakaran.T Mayilsamy.M Gokul Kannan.R Santhosh.K

Sprint-3		USN-11	As an administrator, I can maintain the information about the user	2	Medium	Rupesh.R Prabhakaran.T Mayilsamy.M Gokul Kannan.R Santhosh.K
Sprint-4		USN-12	As an administrator, I can maintain third-party services	1	Low	Rupesh.R Prabhakaran.T Mayilsamy.M Gokul Kannan.R Santhosh.K

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on	Sprint Release Date (Actual)

					Planned End Date)	
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

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

AV (Sprint 1) = 7/6 = 1

AV (Sprint 2) = 4/6 = 1

AV (Sprint 3) = 6/6 = 1

AV (Sprint 4) = 2/6 = 1

AV (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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3 sprints

🔩 ☆ **Complete sprint** •••

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TO DO 6 OF 11 ISSUES	IN PROGRESS	DONE ✓
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		

Sprint burndown   BETA ❓ ˅

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