Project Planning Phase

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

Date	31 october 2022
Team ID	PNT2022TMID23900
Project Name	Project – Demand Est – AI Powered Food demand forecasting
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 username and password.	6	High	
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	6	High	
Sprint -1	Explore	USN-3	As a registered user, I can explore the various options available on the home page.	8	Medium	
Sprint-2	User Manual	USN-4	As a registered user, I can take a tour over the user manual and can understand the functionalities.	6	Low	
Sprint-2	Predict	USN-5	As a registered user, I can pay and make predictions on the website.	14	Medium	
Sprint-3	Premium membership	USN-6	As a premium user, I can deposit money on the wallet and make use of many discounts available.	14	Medium	

Sprint-3	Survey	USN-7	As an administrator , I conduct periodic surveys to keep track of food demands.	6	Medium	Sumaiya S
Sprint-4	Inventory	USN-8	As an administrator , I should be able to alter or delete food options in the list.	13	Medium	Swetha V
Sprint-4	Maintenance	USN-9	As an administrator, I can edit the user's details and premium valet management.	7	High	Sindhuja S

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	20	10 Days	24 Oct 2022	3 Nov 2022	20	5 Nov 2022
Sprint-2	20	10 Days	4 Nov 2022	6 Nov 2022	20	8 Nov 2022
Sprint-3	20	10 Days	6 Nov 2022	11 Nov 2022	20	12 Nov 2022
Sprint-4	20	10 Days	11 Nov 2022	15 nov 2022	20	16 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= 20/10=2

Burndown Chart: