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

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	Ganeshguru, Naveen
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Naveen,Vigneshkumar
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	Mohan Ram
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Vigneshkumar,Naveen
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Mohan Ram ,Naveen
Sprint-2	Dashboard	USN-6	As a user I should be able to navigate and access all the features hassle free	2	High	Vigneshkumar ,Naveen
Sprint-2	Layout	USN-7	As a user I should be able to access the portal with different devices with the same comfort	2	High	Naveen,Ganeshguru
Sprint-3	Data Store and retrieval	USN-8	Get Data from API and store as JSON in DB2	3	High	Vigneshkumar ,Mohan Ram
Sprint-3		USN-9	Get bin data from API and store in DFS	2	High	Ganeshguru,Vigneshkumar
Sprint-4	User Segregation and data access	USN-10	As a CC executive I should be able to uniquely identify the customer and offer help	1	Low	Vigneshkumar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Change code	USN-11	As a administrator I should be able to modify code according to the future requirements.	2	Medium	Naveen,Mohan Ram
Sprint-4	Monitor the system	USN-12	As a administrator I should be able to monitor the cloud system and fix errors before customer.	1	High	Vigneshkumar,Ganeshguru

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	6 Days	24 Oct 2022	29 Oct 2022	8	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	4	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	5	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	4	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)

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