Project Planning Phase

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

Date	31st March 2025-3rd April 2025
Team ID	SWTID1743953304
Project Name	House- Hunt: Finding Your Perfect Rental Home
Maximum Marks	5 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	Isha Prajapati
Sprint-1	Registration	USN-4	As a user, I can register via Gmail.	2	Medium	Sanvi Koul
Sprint-1	Login	USN-5	As a user, I can log in using email & password.	1	High	Prasar Srivastava
Sprint-2	Registration	USN-3	As a user, I can register via Facebook.	2	Low	Simran Nair
Sprint-2	Dashboard	USN-6	As a user, I can view a personalized dashboard after logging in.	3	High	Isha Prajapati
Sprint-2	Dashboard	USN-7	As a user, I can edit my profile information from the dashboard.	3	Medium	Prasar Srivastava
Sprint-3	Dashboard	USN-8	As a user, I can see activity logs on my dashboard.	2	Medium	Sanvi Koul
Sprint-3	Security	USN-9	As a user, I will get an alert for suspicious login attempts.	2	Medium	Isha Prajapati
Sprint-4	Performance	USN-10	As a user, I want the app to load data within 2 seconds.	2	Medium	Prasar Srivastava

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	6	5 Days	24 Mar 2025	28 Mar 2025	6	28 Mar 2025
Sprint-2	8	5 Days	29 Mar 2025	02 Apr 2025	8	2 Apr 2025
Sprint-3	4	5 Days	03 Apr 2025	7 Apr 2025	4	7 Apr 2025
Sprint-4	2	5 Days	8 Apr 2025	12 Apr 2025	2	12 Apr 2025

Velocity:

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

Sprint	Total Story Points	Duration (Days)	Velocity (Story Points/Day)
Sprint-1	6	5	6/5=1.2
Sprint-2	8	5	8/5=1.6
Sprint-3	4	5	4/5=0.8
Sprint-4	2	5	2/5=0.4

Burndown Chart:

A burn down 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.