Project Planning Phase

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

Date	28 June 2025
Team ID	LTVIP2025TMID49487
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	G.vishnupriya
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	G.vishnupriya
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	G.vishnupriya
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	G.vishnupriya
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	G.vishnupriya
Sprint-2	Dashboard	USN-6	As a user, I can view order history and track orders	3	Medium	G.vishnupriya
Sprint-2	Chat board	USN-7	As a user, I can speak to place an order via voice	2	High	G.vishnupriya
Sprint-3	Voice Ordering	USN-9	As a user, I can interact with chatbot for help	1	Medium	G.vishnupriya

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	3 Days	16 June 2025	18 June 2025	20	28 June 2025
Sprint-2	20	3 Days	19 June 2025	21 June 2025		
Sprint-3	20	3 Days	22 June 2025	24 June 2025		
Sprint-4	20	3 Days	25 June 2025	27 June 2025		

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)

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

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts