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

Date	18 th June 2025
Team ID	LTVIP2025TMID55365
Project Name	BookNest
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	Pattapu Chohitha & Pantula Vindhya Kanaka Sai Pavani
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Pattapu Chohitha & Pantula Vindhya Kanaka Sai Pavani
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Pattapu Chohitha & Pamarthi Sri
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	Pattapu Chohitha & Pamarthi Sri Lakshmi

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Pattapu Chohitha & Panguluri Vishnu Vardahn
Sprint-2	Dashboard	USN-6	As a user, I can view personalized book recommendations on my dashboard.	3	High	Pattapu Chohitha &Panguluri Vishnu Vardahn
Sprint-2	Dashboard	USN-7	As a user, I can see my recent orders and wishlist on the dashboard.	2	Medium	Pattapu Chohitha &Panguluri Vishnu Vardahn
Sprint-3	Book Search	USN-8	As a user, I can search for books by title, author, or genre.	2	High	Pattapu Chohitha, Pantula Vindhya Kanaka Sai Pavani, Pamarthi Sri Lakshmi
Sprint-3	Cart	USN-9	As a user, I can add books to my cart and update quantities before checkout.	2	High	Pattapu Chohitha, Pantula Vindhya Kanaka Sai Pavani,
Sprint-3	Checkout	USN- 10	As a user, I can checkout using saved addresses and pay securely.	3	High	Pattapu Chohitha Pantula Vindhya Kanaka Sai Pavani

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	15 June 2025	20 June 2025	20	15 June 2025
Sprint-2	20	6 Days	21 June2025	26 June 2025	20	21 June 2025

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
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