

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

Date	22 June 2024
Team ID	SWTID1720433526
Project Name	Project - Book-Store
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (2 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint - 1	Backend	USN - 1	Set up Node.js and Express server.	2	High	Matthew
Sprint - 1	Backend	USN - 2	Set up MongoDB and create schema	3	High	Matthew

			mas for users, books, and orders.			
Sprint - 1	Backe nd	USN - 3	Implem ent user registra tion and login APIs.	3	High	Matth ew
Sprint - 1	Backe nd	USN - 4	Implem ent seller registra tion and book manag ement APIs.	3	Medi um	Matth ew
Sprint - 1	Backe nd	USN - 5	Implem ent admin APIs for	3	Medi um	Matth ew

			user, seller and book manag ement			
Sprint - 2	Fronte nd	USN - 6	Set up React app and create compo nents for user, seller, and admin login / registra tion.	3	High	Matth ew
Sprint - 2	Fronte nd	USN - 7	Create user dashbo ard to display availab le books.	3	High	Matth ew

Sprint - 2	Frontend	USN - 8	Create seller dashboard for managing books.	3	Medium	Matthew
Sprint - 2	Frontend	USN - 9	Create admin dashboard to manage users, sellers, books and view reports.	3	Medium	Matthew
Sprint - 3	Integration	USN - 10	Integrate backend APIs with frontend comp	3	High	Matthew

			onents.			
Sprint - 3	Integra tion	USN - 11	Implem ent cart and wishlist functio nality.	3	High	Matth ew
Sprint - 3	Integra tion	USN - 12	Implem ent book orderi ng and payme nt gatew ay integrat ion.	3	Medi um	Matth ew
Sprint - 3	Integra tion	USN - 13	Test the entire applica tion and fix bugs.	4	High	Matth ew

Project Tracker, Velocity and Burndown Chart: (2 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	14	4 Days	1 July 2024	4 July 2024	14	4 July 2024
Sprint - 2	12	4 Days	5 July 2024	8 July 2024	12	8 July 2024
Sprint - 3	13	4 Days	9 July	12 July 2024	13	12 July 2024

Velocity:

$AV = \text{sprint duration} / \text{velocity} = 12 / 13 = 0.923$

Burndown Chart:

