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

Date	17 April 2025
Team ID	SWTID1743955267
Project Title:	RideEase
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Registration	USN-1	As a user, I can register by entering my name, email, phone number, and password.	2	High	**Yash**
Sprint-1	User Verification	USN-2	As a user, I will receive an OTP verification code to validate my phone number.	1	High	**Yash**
Sprint-2	Social Login	USN-3	As a user, I can register using Facebook.	2	Low	**Yash**
Sprint-1	Social Login	USN-4	As a user, I can register using Gmail.	2	Medium	**Yash**
Sprint-1	User Login	USN-5	As a user, I can log in using email/phone and password.	1	High	**Yuvraj**

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Dashboard Setup	USN-6	As a user, I can view a personalized dashboard after login.	2	High	**Yuvraj**
Sprint-1	Ride Booking	USN-7	As a rider, I can enter pickup and drop-off locations.	3	High	**Bharti**
Sprint-1	Fare Estimation	USN-8	As a rider, I can view estimated fare before confirming booking.	3	High	**Bharti**
Sprint-2	Cab Types	USN-9	As a rider, I can select from different cab types (economy, premium, etc.).	3	High	**Lakshay**
Sprint-2	Driver Tracking	USN-10	As a rider, I can track my assigned driver's location in real-time.	3	High	**Lakshay**
Sprint-2	Payment Options	USN-11	As a rider, I can select from multiple payment methods.	2	Medium	**Yuvraj**
Sprint-2	Ride History	USN-12	As a user, I can view my past rides and details.	3	Medium	**Bharti**

Total Story Points: Sprint-1 = 14, Sprint-2 = 13

Project Tracker, Velocity & Burndown Chart

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	14	6 Days	24 March 2025	29 March 2025	14	29 March 2025
Sprint-2	13	6 Days	31 March 2025	05 April 2025	13	05 April 2025
Sprint-3	20	6 Days	07 April 2025	12 April 2025	TBD	TBD
Sprint-4	20	6 Days	14 April 2025	19 April 2025	TBD	TBD

Velocity :

- Total Story Points Completed (Sprint 1 + 2) = 14 + 13 = 27

- Total Sprints Completed = 2

- Velocity per Sprint = 27 / 2 = 13.5

- Average Velocity per Day = 13.5 / 6 ≈ 2.25 Story Points/day

Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. The chart above shows the ideal burndown (dashed green line) and actual burndown (solid blue line) for the RideEase project across all four sprints. The chart helps the team visualize progress and identify if they are ahead of schedule or falling behind.

The chart shows that in the initial days, the team was closely following the ideal burndown path, indicating good progress. There were some periods where progress slowed (flatter sections of the blue line), but the team was able to catch up in subsequent days. The project is on track to complete all planned story points by the end of Sprint 4.