Project Planning Phase

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

Date	5 July 2024
Team ID	SWTID1720162063
Project Name	Project - Cab Booking App
Maximum Marks	4 Marks

Product Backlog Table

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 name, email, and password.	2	High	[Jashwanth]
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the application.	1	High	[Mothish]
Sprint-1	Login	USN-3	As a user, I can log into the application by entering my email and password.	1	High	[Rishi Varma]
Sprint-2	Profile Management	USN-4	As a user, I can update my profile information such as email, name, and password.	3	Medium	[Prasad]
Sprint-2	Ride Booking	USN-5	As a user, I can browse available cabs and book a ride by specifying pick-up and drop-off locations.	5	High	[Jashwanth]
Sprint-2	Booking Confirmation	USN-6	As a user, I receive a confirmation with ride details after booking.	2	High	[Mothish]

Sprint-3	Ride History	USN-7	As a user, I can view my past and upcoming ride bookings.	3	Medium	[Rishi Varma]
Sprint-3	Feedback	USN-8	As a user, I can provide feedback and ratings for rides and drivers.	2	Medium	[Prasad]
Sprint-3	Logout	USN-9	As a user, I can log out of the application.	1	Low	[Mothish]
Sprint-4	System Management (Admin)	USN-10	As an admin, I have full control over the system functionalities and configurations.	5	High	[Rishi Varma]
Sprint-4	Rider Management (Admin)	USN-11	As an admin, I can manage rider accounts and ratings.	4	Medium	[Jashwanth]
Sprint-4	Cab Management (Admin)	USN-12	As an admin, I can manage cab listings including adding, updating, and removing cabs.	3	Medium	[Prasad]
Sprint-4	Driver Management (Admin)	USN-13	As an admin, I can manage driver profiles and ratings.	3	Medium	[Rishi Varma]
Sprint-4	Logout (Admin)	USN-14	As an admin, I can log out of the application.	1	Low	[Rishi Varma]

Ideation Phase
Define the Problem Statements

Date	05July 2024
Team ID	SWTID1720162063
Project Name	Cab Booking App
Maximum Marks	3 Marks

Customer Problem Statement Template:

Customer Problem Statement Table

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	I am a busy professional	I'm trying to book a cab easily and quickly through an app.	But the current app requires too many steps to complete a booking.	Because I don't have time to navigate through complicated processes.	Which makes me feel frustrated and stressed, leading me to consider other alternatives.
PS-2	I am a frequent traveler who values safety and reliability.	I'm trying to ensure that the cab I book is safe and the driver is trustworthy.	But I often find it difficult to verify driver credentials and cab conditions through the app.	Because the app does not provide sufficient details or ratings about drivers and cabs.	Which makes me feel anxious and insecure about my ride, affecting my overall experience.
PS-3	I am a tech-savvy user who enjoys seamless digital experiences.	I'm trying to manage my ride bookings, profile, and feedback all in one place.	But the app's interface is cluttered and lacks integration.	Because the app has too many separate screens and inconsistent user experiences.	Which makes me feel overwhelmed and discouraged from using the app regularly.
PS-4	I am a budget-conscious rider who	I'm trying to find and compare ride	But the app doesn't provide clear information on	Because the pricing and options are	Which makes me feel frustrated and uncertain about the cost,

looks for cost-effective options.	options to get the best deal.	fare estimates or ride options.	hidden or confusing.	leading me to look for other apps with better transparency.

Project Design Phase-I
Proposed Solution Template

Date	05 July 2024
Team ID	SWTID1720162063
Project Name	Project -Cab Booking App
Maximum Marks	3 Marks

Proposed Solution Template:

Solution for PS-1

S. No.	Parameter	Description
1	Problem Statement (Problem to be solved)	The current app requires too many steps to complete a booking, causing frustration and stress for busy professionals.
2	Idea / Solution description	Simplify the booking process by reducing the number of steps required to complete a booking. Implement a quick booking feature that allows users to book a cab with a single tap.
3	Novelty / Uniqueness	The quick booking feature is unique as it leverages user preferences and previous booking history to streamline the process.

S. No	Parameter	Description
4	Social Impact / Customer Satisfaction	This solution will reduce user frustration, increase satisfaction, and encourage more frequent use of the app.
5	Business Model (Revenue Model)	Increased user engagement and retention will lead to higher ride bookings, thus boosting revenue through ride commissions.
6	Scalability of the Solution	The solution can be easily scaled to accommodate more users by enhancing backend systems and leveraging cloud services for load balancing.

Solution for PS-2

S. No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Difficulty in verifying driver credentials and cab conditions, leading to anxiety and insecurity for frequent travelers.
2	Idea / Solution description	Implement a detailed driver and cab profile feature that includes driver ratings, past ride reviews, and verified credentials. Additionally, add a safety certification badge for cabs.
3	Novelty / Uniqueness	The safety certification badge and detailed profiles provide a unique selling point by enhancing transparency and trust.
4	Social Impact / Customer Satisfaction	This solution will significantly improve user trust and security, resulting in higher customer satisfaction and repeat usage.
5	Business Model (Revenue Model)	Enhanced user trust and satisfaction will lead to increased ride bookings. A premium service can be introduced for users who want additional safety features.
6	Scalability of the Solution	The solution can be scaled by integrating with third-party verification services and expanding the safety features across all operational regions.

Solution for PS-3

S. No.	Parameter	Description
1	Problem Statement (Problem to be solved)	The app's interface is cluttered and lacks integration, overwhelming tech-savvy users.
2	Idea / Solution description	Redesign the user interface to be more intuitive and streamlined, integrating all functionalities (ride booking, profile management, feedback) into a cohesive experience.
3	Novelty / Uniqueness	The new design will use advanced UI/UX principles to create a seamless and engaging user experience.
4	Social Impact / Customer Satisfaction	A more intuitive and integrated interface will enhance user satisfaction and engagement, making the app more user-friendly.
5	Business Model (Revenue Model)	Improved user experience will lead to increased user retention and higher frequency of ride bookings, boosting revenue.
6	Scalability of the Solution	The redesigned interface can be scaled and customized for different user demographics and regions, ensuring broad applicability.

Solution for PS-4

S. No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Lack of clear information on fare estimates and ride options, causing frustration and uncertainty for budget-conscious riders.
2	Idea / Solution description	Implement a transparent pricing model that provides clear fare estimates and detailed ride options upfront. Include a comparison tool for ride options.
3	Novelty / Uniqueness	The transparent pricing model and comparison tool offer a unique value proposition by enhancing clarity and trust.

4	Social Impact / Customer Satisfaction	This solution will reduce user frustration and uncertainty, increasing trust and satisfaction with the app.
5	Business Model (Revenue Model)	Transparent pricing will attract more budget-conscious users, leading to increased ride bookings. Additionally, introducing a subscription model for frequent riders can generate additional revenue.
6	Scalability of the Solution	The solution can be scaled by continuously updating pricing algorithms and expanding ride options to meet the needs of different markets.