

Project Design Phase-II

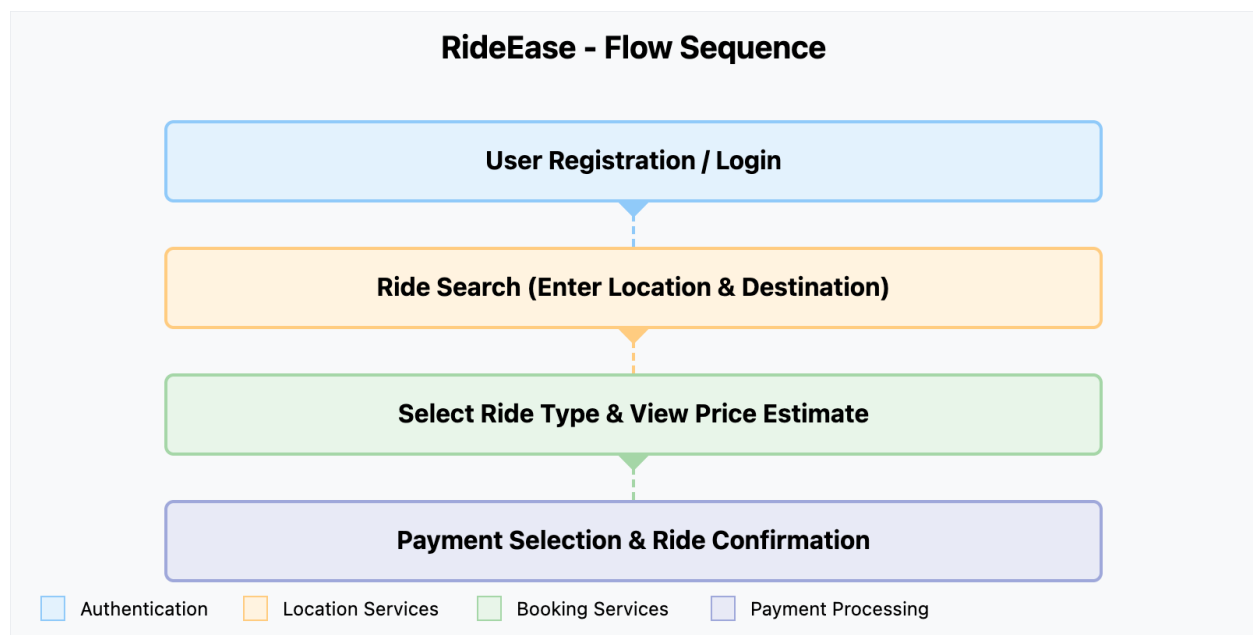
Data Flow Diagram & User Stories

Date	17 April 2025
Team ID	SWTID1743955267
Project Title:	RideEase
Maximum Marks	4 Marks

Data Flow Diagrams

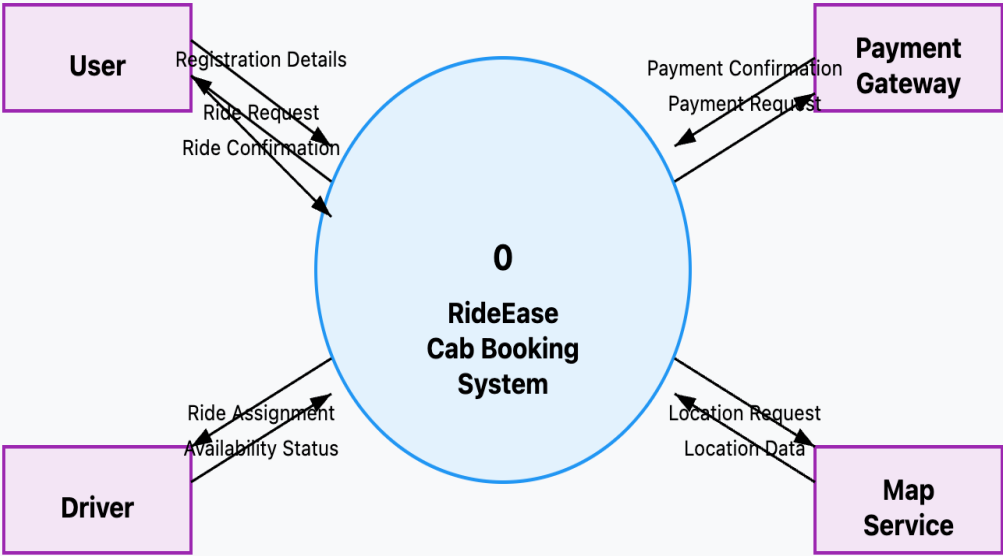
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Flow Sequence:



Example: DFD Level 0

RideEase - DFD Level 0 (Context Diagram)



User Stories

User Type	Functional Area	User Story ID	User Story	Acceptance Criteria	Priority	Release	Sprint
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password	I can access my account/dashboard	High	MVP	Sprint -1
Customer (Mobile user)	Registration	USN-2	As a user, I will receive confirmation email once I have registered	I can receive confirmation email & click confirm	High	MVP	Sprint -1

User Type	Functional Area	User Story ID	User Story	Acceptance Criteria	Priority	Release	Sprint
			for the application				
Customer (Mobile user)	Registration	USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Post-MVP	Sprint -2
Customer (Mobile user)	Registration	USN-4	As a user, I can register for the application through Gmail	I can access dashboard after Gmail authentication	Medium	MVP	Sprint -1
Customer (Mobile user)	Authentication	USN-5	As a user, I can log into the application by entering email & password	I can successfully log in and access my dashboard	High	MVP	Sprint -1
Customer (Mobile/Web)	Booking	USN-6	As a user, I can enter my pickup and drop-off locations to request a ride	I can see available ride options after entering locations	High	MVP	Sprint -1
Customer (Mobile/Web)	Booking	USN-7	As a user, I can see estimated fare and arrival time before confirming booking	I can view fare estimate and ETA before confirming	High	MVP	Sprint -1
Customer (Mobile/Web)	Tracking	USN-8	As a user, I can track my driver's location in real-time	I can see driver's movement on map in real-time	Medium	MVP	Sprint -2

User Type	Functional Area	User Story ID	User Story	Acceptance Criteria	Priority	Release	Sprint
			after booking confirmation				
Customer (Mobile/Web)	Payment	USN-9	As a user, I can add multiple payment methods to my account	I can add, edit, and delete credit cards, debit cards, and digital wallets	Medium	MVP	Sprint-2
Customer (Mobile/Web)	Payment	USN-10	As a user, I can pay for my ride through the app	I can complete payment through the app after ride completion	High	MVP	Sprint-2
Customer (Mobile/Web)	History	USN-11	As a user, I can view my past ride history	I can access list of all previous rides with details	Medium	MVP	Sprint-2
Customer (Mobile/Web)	Feedback	USN-12	As a user, I can rate and review my driver after ride completion	I can provide star rating and optional comments after ride	Medium	MVP	Sprint-2
Driver (Mobile)	Registration	USN-13	As a driver, I can register with my personal and vehicle details	I can submit all required information and documents	High	MVP	Sprint-1
Driver (Mobile)	Authentication	USN-14	As a driver, I can log in to access my driver dashboard	I can access driver-specific features after login	High	MVP	Sprint-1
Driver (Mobile)	Availability	USN-15	As a driver, I can toggle my availability	I can go online/offline and receive/stop receiving requests	High	MVP	Sprint-2

User Type	Functional Area	User Story ID	User Story	Acceptance Criteria	Priority	Release	Sprint
			status to receive ride requests				
Driver (Mobile)	Earnings	USN-16	As a driver, I can view my earnings and payment history	I can see detailed breakdown of earnings and payment status	Medium	MVP	Sprint-3
Administrator	Management	USN-17	As an admin, I can view and manage all users (customers and drivers)	I can search, view details, and modify/suspend accounts	High	MVP	Sprint-3
Administrator	Analytics	USN-18	As an admin, I can view analytics dashboard with key business metrics	I can see charts and data about bookings, revenue, and user growth	Medium	Post-MVP	Sprint-4
Customer Care	Support	USN-19	As a support agent, I can access customer ride details to resolve issues	I can search rides by user or ride ID and see complete details	High	MVP	Sprint-3
Customer (Mobile/Web)	Profile	USN-20	As a user, I can update my profile information and preferences	I can edit personal details, notification settings, and preferences	Medium	MVP	Sprint-3