

A blue wavy background graphic consisting of several overlapping, rounded, wave-like shapes in various shades of blue, creating a sense of depth and movement.

Automation Travel Agency



Case study Problem Statement

- Automation Travel Agency(ATA) provides vehicle booking facilities to users (Customers) across many cities.
- ATA administration interface allows us to add Vehicle, Route, Driver & Customer.
- ATA customer interface allows us to access the vehicle booking system.



Actors

- Administrator – Add/Edit/Delete/View vehicle, route, driver & customer.
- Customer – Book vehicle, cancel booking, view booking status, view route details.

Administrator Services

Sr. No.	Service	Entity	Data
1.	Add Vehicle	Vehicle	VehicleNo, VehicleName, SeatingCapacity, DriverID, VehicleType, FarePerKm
2.	Delete Vehicle	Vehicle	VehicleNo
3.	View Vehicle	Vehicle	VehicleNo, VehicleName, SeatingCapacity, DriverID, VehicleType, FarePerKm
4.	Modify Vehicle	Vehicle	VehicleNo, VehicleName, SeatingCapacity, DriverID, VehicleType, FarePerKm
5.	Add Route	Route	Source, Destination, Distance, Duration etc.
6.	Delete Route	Route	RouteID
7.	View Route	Route	Source, Destination, Distance, Duration etc.
8.	Modify Route	Route	Source, Destination, Distance, Duration etc.

Administrator Services

Sr. No.	Service	Entity	Data
9.	Add Driver	Driver	Name, Address, ContactNo, LicenseNo
10.	Delete Driver	Driver	DriverNo
11.	View Driver	Driver	Name, Address, ContactNo, LicenseNo
12.	Modify Driver	Driver	Name, Address, ContactNo, LicenseNo
13.	View Booking	Booking	VehicleID, BookingDate, JourneyDate, BoardingPoint, DropPoint, ContactNo, Fare etc.

Customer Services

Sr. No.	Service	Entity	Data
1.	User Registration	User	Name, DOB, Gender, Address, Mobile No, Email etc.
2.	View Booking	Vehicle, Route	JourneyDate, Source, Destination, VehicleName etc.
3.	Book Vehicle	Booking	BookingDate, JourneyDate, Source, Destination, BoardingPoint, DropPoint, NoOfPassengers etc.
4.	Cancel Booking	Booking	BookingID
5.	View Booking Status	Booking	BookingDate, JourneyDate, Source, Destination, BoardingPoint, DropPoint, NoOfPassengers , Booking Status etc.