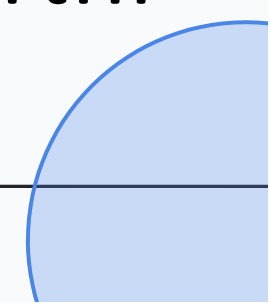# FastX: Bus Ticket Booking

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Meghna Gupta

INTRODUCTION TO FASTX

The Online Bus Ticket Booking System is a web-based application that allows users to search for bus routes, view schedules, book tickets, and make payments online. It connects passengers with bus operators, simplifying the process of reserving bus seats, planning journeys, and managing bookings.
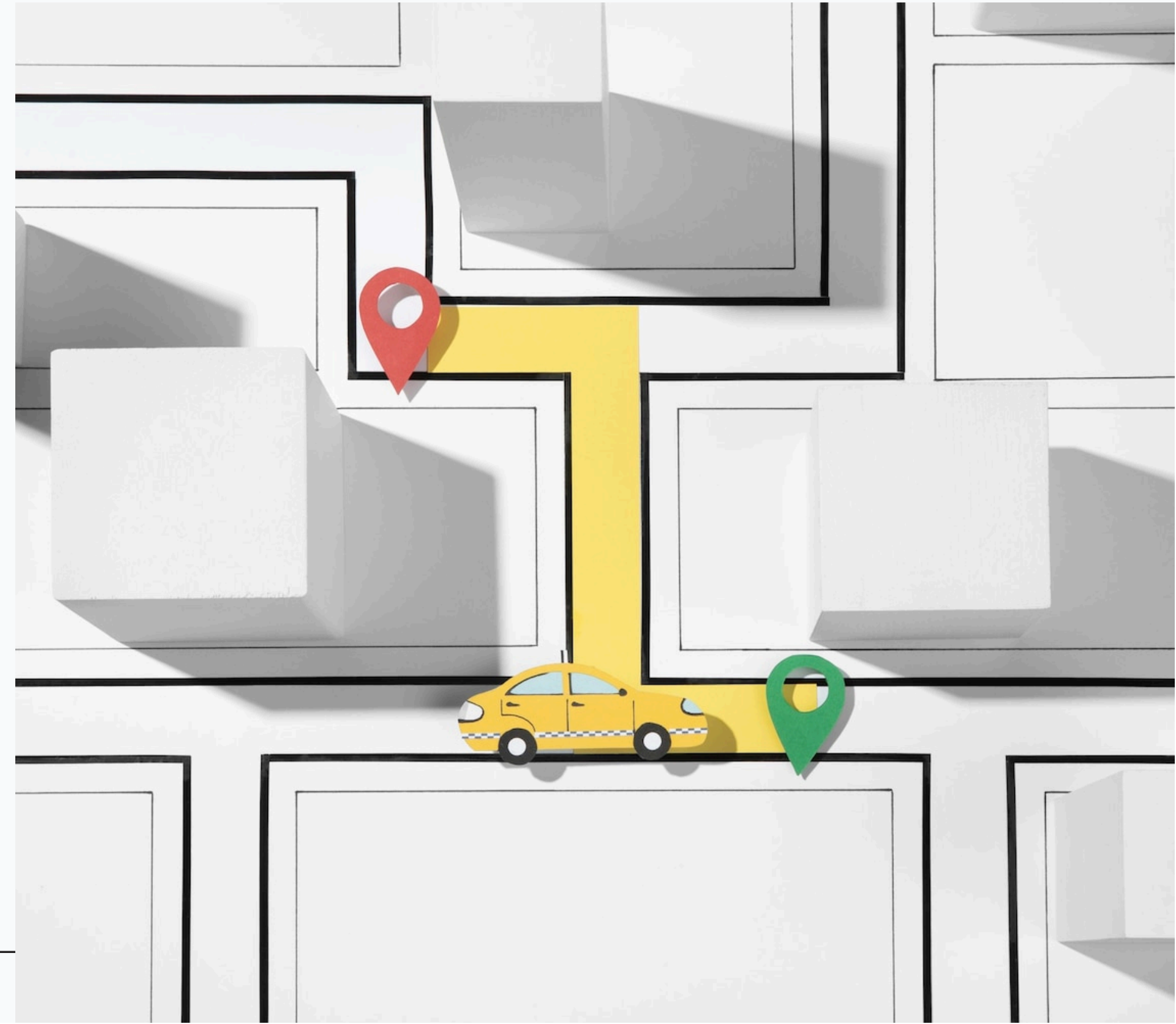
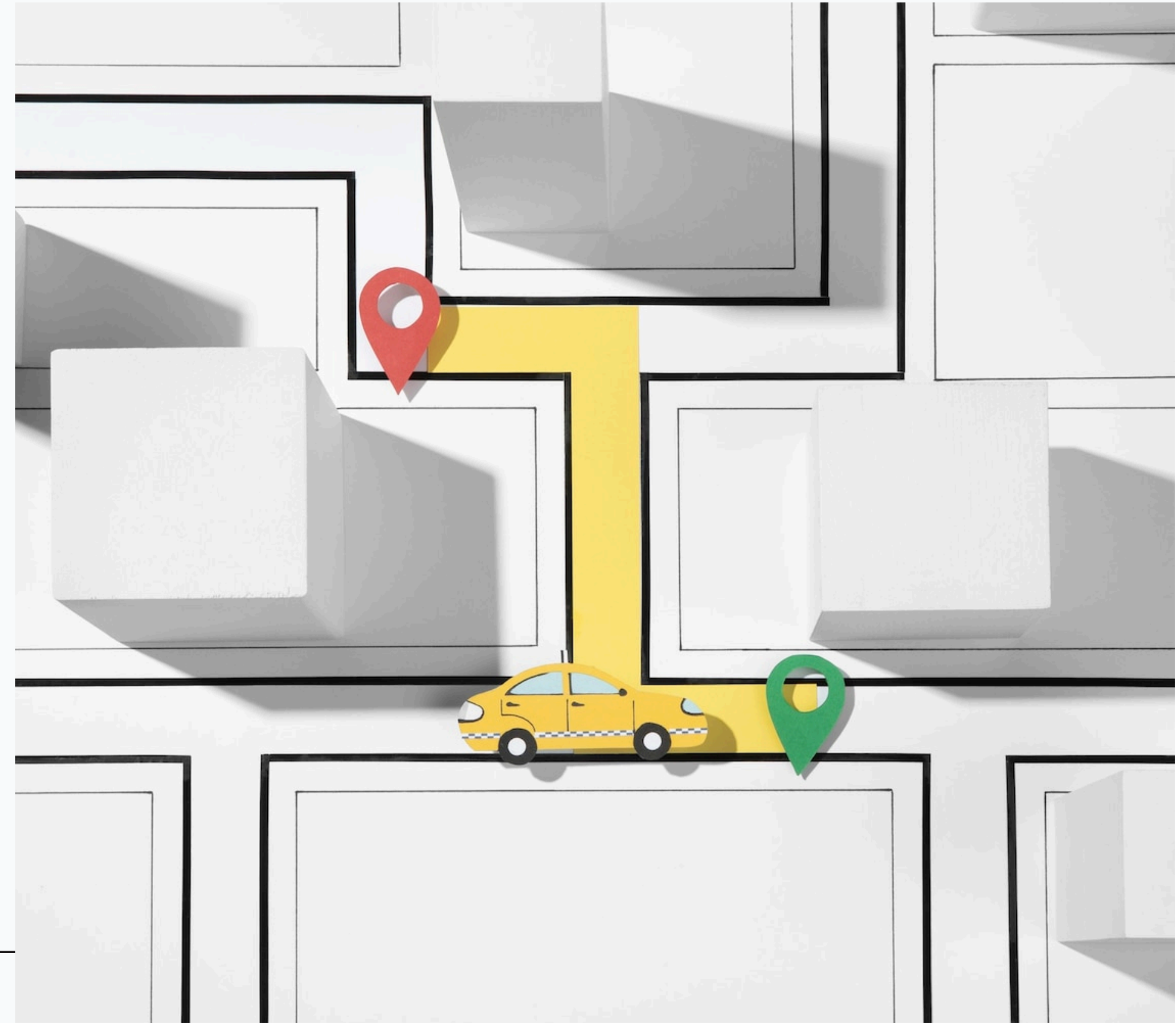# ROLES

- User
- Bus Operator
- Admin

USER FUCNTIONALITY

- Registration with OTP Verification
- Login
- Search Bus
- Select Seats by Route, Date & Bus Type
- Book Seats
- Make Payment
- Manage Booking (View/Cancel)
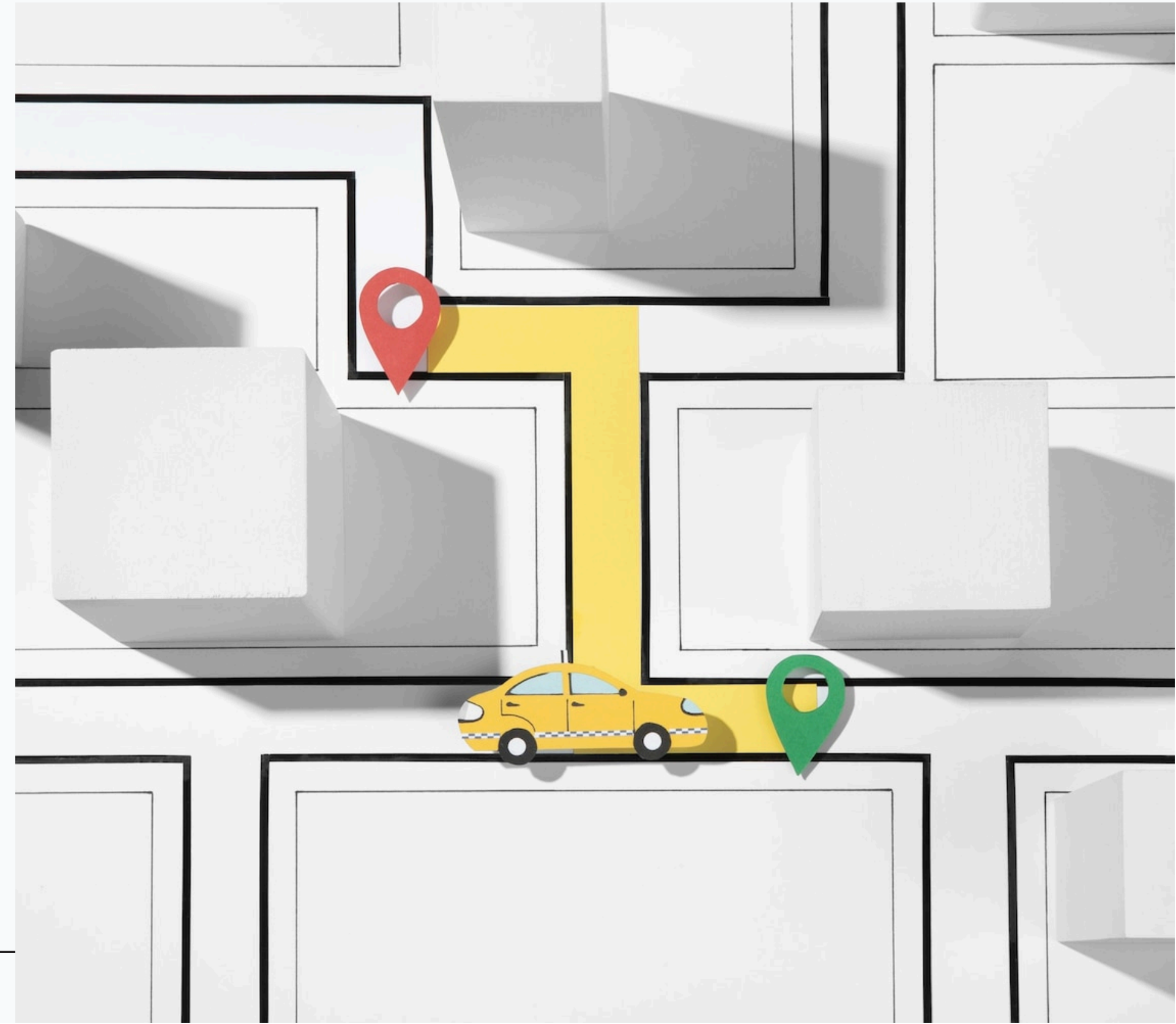- Managae Profile
- Logout

BUS OPERATOR FUCNTIONALITY

- Registration with OTP Verification
- Login
- Search Bus by Route, Date & Bus Type
- Add/Manage Bus Details
- Refund on Ticket Cancellation
- Managae Profile
- Logout

ADMIN FUCNTIONALITY

- Login
- Search Bus by Route, Date & Bus Type
- Manage User Account
- Route Management
- View Bookings
- Managae Profile
- Logout

TECHNOLOGY STACK

- Front-End : React
- Back-End : Java, Spring Boot
- Database : MySQL
- Authentication : JSON Web Token (JWT)

Thank You!