# Presented to

Muhammad Ahmed Khan

# Wheelista

**(A Car Rental Website)**



# Group Members

Muhammad Moeez Salman 23L-3000

Zain Allaudin 23L-3036

Maaz Hassan 21L-5793

TECHNOLOGIES FOR WHEELISTER

Front End Technologies:

1.HTML

It will be used for developing the basic structure of the HTML.

2.React.js

**Role:** React.js will be used to create a dynamic and interactive user interface for Wheelista. It offers reusable components, fast rendering with a virtual DOM, and an efficient state management system.

2.Tailwind CSS  
  
Tailwind CSS will be used to design a modern, responsive, and visually appealing UI with minimal effort.It provides utility-first styling, reducing the need for writing custom CSS, improving maintainability, and ensuring fast development.

### 3. Framer Motion

Used to add smooth animations, making the website more visually appealing.It provides easy-to-implement animations that enhance user experience without affecting performance.

### BACK-END TECHNOLOGIES:

### 1. Node.js

Node.js will serve as the backend runtime, handling API requests, user authentication, and business logic.

**2. Express.js**

It will provide a lightweight and flexible framework to build RESTful APIs for handling user authentication, bookings, and car management.

### **3.PostgreSQL**

PostgreSQL will store structured data like user accounts, car listings, booking records, and transaction details.

### **4. Vercel**

Vercel will host the frontend, providing fast deployment and automatic optimizations.