**CASE STUDY**

**OBJECTIVE**

Web-application to manage On-Demand Car Wash System. This will provide functionality to ‘user’ , ‘washer’ and ‘admin’, allowing user to book car wash and provide different functionality to washer and admin.

**TECHNOLOGY**

* Angular for UI
* Spring Boot for back-end
* MongoDB for database storage
* Tomcat Server
* Braintree for payment gateway

**DATABASE INCLUDED**

* **User\_Details :** Database to store the details of users such as name, email, password, address, payment info, car detail and active/inactive status.
* **Order\_Details :** Database to include the details of all order with the user id, order number, address, payment info, id of user, id of washer, Services, add-on services, status and receipt number.
* **Review :** Review and rating related to customer or washer with associated id
* **Service\_Plan :**  Database containing the price of different service. The details of all the add-on services provide by company.

**FUNCTIONALITIES**

**VISITOR**

1. Check list of different services and it’s pricing

**CUSTOMER**

1. Log-in / Sign-up
2. Edit profile details
3. Add car details , address or payment details
4. Schedule wash
5. View orders associated to user
6. Rate and review the washer

**WASHER**

1. Log-in / Sign-up
2. Edit profile details
3. Accept wash request
4. View order associated to washer
5. Rate or review the customer

**ADMIN**

1. Login
2. User Management
3. **Customer**

* Edit Profile and view rating and review
* Make a customer as active or inactive

1. **Washer**

* Edit profile and view rating and review
* Make a washer as active or inactive
* Export a washer’s excel report

1. Car Management

* Add/Edit car details
* Mark a car as active and inactive

1. Service Management

* Add/Edit Service Plan
* Add add-on services
* Make a plan as active or inactive

1. Promo Code Management

* Add/Edit promo

1. Order Management

* View Order Details
* Assign pending request to washer
* View Order List

**PAGES INVOLVED**

* Login Page
* Registration Page
* User Details
* Pricing Details Page
* Orders list page
* Order details page
* Book car wash page
* Booked car wash status page