**Group 13**

**Team Members**

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**Project Title: Car Rental**

**Project Description:** Our project will be based on the zip car rental business model.

**Website pages**

**Main Page**: We will have a system that will allow customers to first login or create an account with the system.

**Reservation page**: On this page customers will request car rental through the websqite page. Here they can add a reservation. The customers will be offered a variety of cars to pick from. The customer will also be able to choose a pick up rental and a drop off rental location.

**Billing page:** This page will show all the past reservations and the billing associated with it for the customer.

**Upcoming trips** : This page will show the upcoming trips of the customer. Here they can delete or update a reservation.

**Database: MYSQL**

**Website using JavaScript. NODE JS framework**

**Tables**

1. **CARS**

**Car\_id (primary key)**

**Car\_type\_id (Foreign key from Car\_Types table)**

**Num\_seats**

**Make**

**Model**

**Year**

**Color**

**VIN**

**Description**

**Current\_location\_id**

**Available\_for\_rent (yes or no field)**

**Rental\_Price\_Per\_hour**

1. **CAR\_Types**

**Car\_Type\_d (Primary key)**

**Car\_type (example sedan, SUV, Truck etc..)**

1. **Customers**

**Customer\_id (Primary key)**

**Customer\_First\_name**

**Customer\_last\_name**

**Customer\_Address**

**Customer\_City**

**Customer\_State**

**Customer\_zip**

**Customer\_Driver\_License**

**Customer\_email**

**Customer\_login\_username**

**Customer\_login\_password**

**Customer\_Phone\_Number**

**Insurance\_yes\_no**

1. **Locations**

**Location\_id ( Primary key)**

**Location\_Address**

**Location\_City**

**Location\_State**

**Location\_Zip**

1. **Reservations**

**Reservation\_id(Primary key)**

**Customer\_id( Foreign key from Customer table)**

**Car\_id (Foreign key from cars table)**

**PickUpdatetime**

**DropoffDatetime**

**Pickup\_location\_id (Foreign key from cars table current\_location\_id)**

**Dropoff\_Location\_id (Foreign key from location table)**

**Rental\_Cost**