This project will be submitted as partial requirement for the course Programming Fundamentals in fall 2020.

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**Goal:**

A platform which will provide a gateway for car owners aiming to rent out their cars to potential customers looking to rent cars for a certain amount of time.

**Description:**

There are 3 main users in the application, the car owner, the admin and the customer. The admin will act as a middle man between the car owner and the customer, and their task will be to verify both parties involved and to handle all the logistics involved between them.

**Actors/System User(s):**

1. Admin.
2. Car Owner.
3. Customer.

**List of Features:**

1. **CAR OWNER:**

* Account to login, if he is already registered, otherwise login with ID and password.
* Vehicle documentation papers and information.
* Time duration regarding availability of Vehicle.
* Payment will be transferred to Car Owner by Admin after Admin’s commission deduction.

1. **ADMIN:**

* Login and password required.
* Can view all details regarding Car Owner, Vehicle and User.
* Will get Money from Customer and transfer to Car Owner after keeping commission.
* Will implement the car owner’s vehicle conditions.
* Can edit and access everything except confidential information.
* Will act as an intermediary between Car Owner and User.

**3.User:**

* Will register and provide information for first time, otherwise log in and password.
* Time when car checked out
* Modes of booking.

1. Emergency booking
2. Normal booking

* Will specify time for booking, if time is above a certain period, discounts will be provided accordingly.
* Modes of payment. Card or Cash.
* Print receipt whose details will be passed along to admin and car owner.

**Tools & Techniques:**

The language used will be C and for IDE Visual Studio 2019 will primarily be used. Filing will be used in order to store the data.

**Schedule:**

To be submitted one week before the final exam of the fall 2020 semester.

1. Accept
2. Reject

**Course Teacher:** Basit Ali/Humza/Anaum/Kariz **Signature**