Car Dealership System

Lab – 01: System Request

Group Number: 02

Group Members:

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Introduction:

Car Dealership System is an online platform where Car companies, brand new car importers and reconditioned car importers can list their cars for sale, with adequate information, and prices, for the buyers. Buyers can sign up to the platform, view items up for sale, request additional information, and contact with the shop for further clarification.

Motivation:

The system will make car shops more accessible to the customers, streamline communication between the shops and customers, and overall be a secure, better, more time and cost saving way to shop cars.

System Description:

- **Project Sponsor:**

    BARVIDA (Bangladesh Reconditioned Vehicles Importers and Dealers Association)

- **Business Need:**

    This project has been greenlighted by BARVIDA to streamline communication between the customers and the car shops, as well as increase car sell figures through better shopping experience provided by the system.

- **Business requirements:**

    The system will be accessible to the customers through the web, as well as an application which will run on Android OS, iOS. By using the application or the website,

a. *Car Sellers* will be able to list their inventory, give a brief description, along with the price and the services they will provide.

b. *Car Buyers* will be able to view the inventory, book or add cars in their cart, request additional information from the shop, and will be able to initiate contact with the shop. Moreover,

- Visitors will be able to leave a comment under the item(s)
- Visitors will be able to schedule a test drive at his desired showroom.
- Booked items will show a (Booked) tag that will prevent other users from booking that car.

- **Business Value:**

   The system targets to attract sellers through a much more convenient shopping experience. It expects more car sells as it will make shopping easier because customers will have access to all the information related to the car from their home, customers can shop from anywhere and it will decrease customer's nuisance as he/she will not have to be physically present at the shop to personally inspect the car. Estimated tangible values as follows,

   - ৳ 11,25,00,000 from reduced employee numbers.

   - ৳ 375,91,00,000 from increased car sells.

   - ৳ 230,67,000 from reduced physical car showroom builds.

   - ৳ 5,30,000 from new businesses (shops) registering to the system.

- **<u>Special issues and constraints:</u>**
  - The system should have top-level security clearance as it involves high amount transactions.
  - The system should be operational before summer, as we see an increase in car purchases in summer.
  - The system should be abiding by government-mandated import tax law(s).

The End