**Lab No. 11:**

**Project Plan: Car Rental System**

**Work Division:**

* Part 1 – Lab 9
* Part 2 – Lab 10
* Part 3 – Lab 11

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| --- | --- | --- |
| **Name** | **Work Completed** | **Parts** |
| **Maryam Adnan** | * Database and SRS Diagrams * User Interface for Main Page * Complete Functionality of the Administration page | * Part1 * Part2 * Part 3 |
| **Maryam Hasnain** | * Database, Connection * User Interface for Main Page * Complete Functionality of the Administration Page | * Part1 * Part2 * Part 3 |
| **Usman Haider** | * SRS * Login and Registration * Main page | * Part1 * Part2 * Part3 |

**Final Deliverable:**

The final product is a developed Car Rental System that contains the following components which are as follows:

* Database
* Database Connectivity using Hibernate
* Login/Registration
* Administrator
* Main page

The components listed above are explained below:

1. **Database:**

The database used is created in phpmyadmin hosted on WAMP server.

1. **Database Connectivity using Hibernate:**

The database is connected to our system using Hibernate.

1. **Login/Registration:**

The user can register to our system using the registration component. After creating an account, the user can login to the system. In case of invalid account details, the user won’t be able to login to their account.

1. **Administrator:**

The administrator will be able to view the detail of cars. Also he will be able to add new cars, update data of existing cars, delete cars which are not available and can also check the cars that are booked by the user.

1. **Main page:**

The main page would display the data of the cars and allow the user to book a car.

**Tools/Software Used:**

Netbeans/Eclipse IDE

WAMP phpmyadmin

Hibernate Framework

**Link to GitHub:**

https://github.com/MaryamHasnain11/CarRentalSystem.git