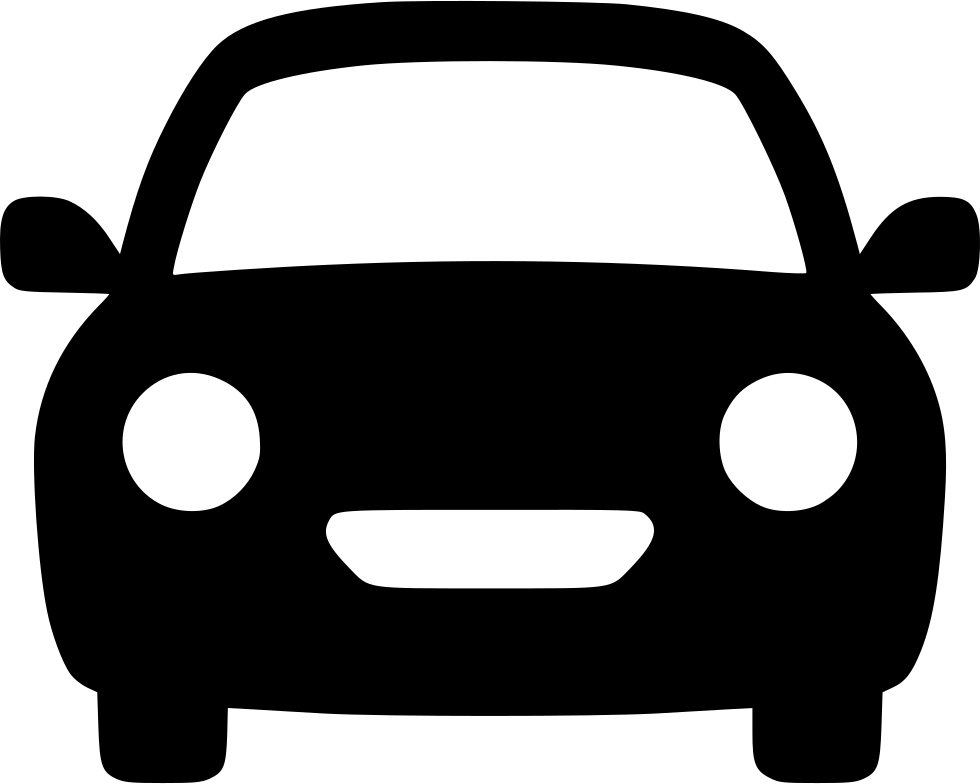
RENTAL CAR SYSTEM



**CPIT-251 PROJECT**

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**Project Description**

“Rental Car System” is a project that provides a customer weather it’s an individual person or an organization the ability to search for their preferred vehicle through specifying variety of filters and then acquiring/renting this vehicle for a specific amount of time and a pre-paid price. The system’s simplicity & accuracy is what makes it special, by having advanced filters, the user will be happy because he will be checking the preferred specifications for his ‘dream’ vehicle, and it varies from selecting the preferred branch of the vehicle, color of the vehicle, up to checking if the vehicle has a cruse option or not. The way the system works or the flow of the system is pretty simple & can be very advantageous, the user logs in to the system by using an e-mail and a password that must be created in order for the system to work fully, the next option is making the user checks a variety of basic filters, furthermore there can be some advanced filters that the user can specify in order to achieve complete satisfaction in searching for his ‘dream’ car, after browsing the list of cars that have been filters and shown, the user selects the one that is most suitable for him, the system will check the car availability from the specific branch that has been chosen earlier and the select date as well as the end date in the filtering phase, if its available the system will continue. Then the system will ask for the user to enter payment information in order to pay for the renting procedure, the system will book the car and create a reservation for the user, and show the reservation details for the user (reservation vehicle, pick-up location, drop-off location). The system also provides the history of all reservations for the user if the user wants to check the reservations that he has made throughout his life in the system to check the details of said reservation and checking if the reservation is still valid or not, providing a complete experience profile for the user.

**Feasibility Study**

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| **Serial No.** | **Feasibility Concern** | **Status** | **Reasons** |
| 1 | **Economical** | Satisfied | Our System will not cost a lot of money.  The only thing that the system will need is a database in order to keep everything synchronized through all the branches. |
| 2 | **Technical** | Satisfied | We are going to need to draw the customers in order to tell them why they should use this website, because it is simple, easy to learn and use for all types of users as it caters to universal usability. |
| 3 | **Organizational** | Satisfied | it will be very convenient for the customer to find what he wants so easily and quickly. They will be only a few checks away from renting the car that they need. |