**VehicleRentingSystem**

**Nonfunctional Requirements:**

1. There must be Offices belong to the Company which consists of rentable vehicles.
2. In the system, the name, address, e-mail, phone, fax, working-hours, city and country of Offices must be stored.
3. In the system, Vehicles must be denoted as their model number,status, daily price, class, gear, fuel type, number of seats, avaliable luggage, minimum driver’s age, minimum years of license, brake system, avaliability of airbags, avaliability of air conditioning, pick up and return fuel amount, kilometer of the car and the location (in terms of offices).
4. In the system, RegisteredUser must be denoted as its name, surname,username, password, birthdate, phone, e-mail, gender, address, city, country and driver-license information.
5. In the system, there must be an Administrator role denoted as its name, username, phone, e-mail.
6. The searching panel to list avaliable vehicles for renting must be presented only on the main page of the website.
7. In the system, OfficeUser must be denoted as its name, surname, birthdate, phone, e-mail, username, password, gender, address, city and country.
8. In the system, OfficeManager must be denoted as its name, surname, birthdate, phone, e-mail, username, password, gender, address, city and country.

**Functional Requirements:**

1. \*A Visitor can list avaliable vehicles to rent through providing the receiving date and office together with returning date and Office.
2. \*A RegisteredUser can list avaliable vehicles by providing receiving date, receiving office, returning date and returning office.
3. \*A RegisteredUser can rent vehicles by providing his/her billing information.
4. \*A RegisteredUser can display the information of the vehichles that she/he rented.
5. \*A RegisteredUser can extend the date of the his or her rents.
6. \*A RegisteredUser can change the drop off location of a current renting.
7. \*An Administrator can add new Offices to system and remove Offices from the system.
8. \*An Administrator can manage the Offices in the system.
9. \*An Administrator can add new Vehicles to system and remove Vehicles from the system.
10. An Administrator can manage the Vehicles in the system.
11. \*A RegisteredUser can change his/her name, surname, phone, e-mail, birthdate, gender, password, driver’s licence information, address, city and country.
12. \*A Visitor can register the system through providing his/her name, surname, username, e-mail and password.
13. \*A RegisteredUser can enter the system by providing his/her username and password.
14. \*A OfficeUser can view and manage rentings of the Users.
15. \*A RegisteredUser can use his/her discounts when rent a vehicle.
16. A OfficeManager can add new vehicles to the system, remove vehicles from the system and manage the Vehicles in the system limited within its Office.
17. A RegisteredUser can filter the search results after done a search for a specific instance according to classes, gear types and fuel types of the Vehicles.
18. A RegisteredUser can change the receiving date, receiving office, returning date and returning office after done a search for a specific instance.