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| Project name | Rent a car |

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| 1. Short project description (Business needs and system features) |
| The rent a car system allows clients to rent a car (with or without Driver). Regular clients get a discount based on frequency and money they have spend.  Seller finalize the order.  Administrator can manage everything, puts cars for rent, manage some of the user data and see statistics. There is also service system.  The main user roles are:   * Anonymous User – can only see information about cars * Registered User - can rent a car, add comment to a car, edit their personal data  and delete their account. They are also able to see history of their orders. * Driver – drives the client to its destination and returns the car to the shop * Seller – approve and finalize the order. After the car is returned  he gives it to the Site manager. * Site manager – choose one of the workers to clean it.  Changes car’s cleaning status to start/finish * Worker – Cleans the car, reports to the manager. * Administrator – can manage (create, edit data and delete) cars,  change users role, approve renting and see statistics. |

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| 1. Main Use Cases / Scenarios | | |
| **Use case name** | **Brief Descriptions** | **Actors Involved** |
| * 1. **Browse information** | All user can see available cars and information about them. | All users |
| * 1. **Register** | Anonymous User can register in the system by providing a valid e-mail address, first and last name, and choosing password. By default all new registered users have User role. | Anonymous User |
| * 1. **Change User Data** | Users can view and edit their personal User Data.  Administrator can view and edit User Data of all Users (except for their username, password and email) and assign them Roles: User, Driver, Seller, Site manager, Admin | Registered User, Administrator |
| * 1. **Manage Users** | Administrator can choose a User to manage - edit or delete. Also can browse and filter users based on different criteria: first and last name, email, Role.  Administrator can create a new user. | Administrator |
| * 1. **Make order** | User place an order and edit or cancel it two days before the order take place.  Administrator and Seller can edit/delete User’s orders | User, Seller, Administrator |
| * 1. **Add/Edit Comment** | User add, edit and delete a comment about a car.  Administrator may delete a comment if it’s aggressive or offensive. | User, Administrator |
| * 1. **Approve order** | Seller finalize correct order.  After the car is returned (by the Client or the Driver) he gives it to the service manager for cleaning.  Administrator also can do this. | Seller, Administrator |
| * 1. **Add Worker** | Site manager ands new Worker. | Site manager |
| * 1. **Start/finish car cleaning** | Site manager choose one of the workers to clean it. Change the status of the car. After the car is cleaned the status is finish and the car can be rented again. | Site manager |
| * 1. **Clean Car** | The worker starts cleaning the car after finishing it the site manager changes the status of the car and returns it to the shop. | Worker |
| * 1. **Add/Edit car** | The administrator adds, edit and delete car | Administrator |
| * 1. **Statistics** | Admin can see all rents and profit made for a period of time, all users, sellers, drivers and site manager history | Administrator |
| * 1. **History** | User can browse all of his order history. | User, Driver, Seller, Site manager, Administrator |

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| 1. Main Views | |
| **View name** | **Brief Descriptions** |
| * 1. **All / Available cars** | Presents information about all available cars.  Registered User can add a comment about a car. |
| * 1. **User Data** | Presents ability for registration, view and edit personal *User Data and history(User, Seller, Driver, Site manager)* |
| * 1. **Users** | Presents ability to manage (CRUD) *Users* and their *User Data* to the *Administrator* |
| * 1. **Rent a car** | Presents ability for renting a car to registered User. |
| * 1. **Pending orders** | Presents ability to approve order to Seller and Administrator |
| * 1. **Orders** | Presents all current orders (with or without a Driver) |
| * 1. **Clean** | Presents all cars waiting for clean up |
| * 1. **Car** | Presents ability to manage (CRUD) Car only to the Administrator. |
| * 1. **Statistics** | Presents statistic to the Administrator - all rents and profit made for a period of time, all users, seller, site manager and drivers history |