

## **Rental car Buro Requirements**

### **Functional requirements**

- 1.Book car
- 2.All booking details
- 3.All pending booking details
- 4.All payment details
- 5.Cancel booking
- 6.Add car details
- 7.Confirm booking
- 8.Delete booking
- 9.Update car
- 10.Delete a car

### **Non-functional requirements**

- 1.Testability: System should be fully tested
- 2.Usability : System should be easy to use - user friendly
- 3.Scalability : System should be able to adapt to increasing number of users
- 4.Performance : System should perform well in all mobile platforms and web browsers
- 5.Cost : Cost of production must be manageable
- 6.Security : System must be secured against all kind of threats.

### **Admin user stories**

1. As a user I want to add a car details so that customers can book.

Acceptance criteria : A user has to be registered in the system.

Acceptance criteria : To register a car it has to be less then 5 years old.

Acceptance criteria : If a car is booked, someone else cannot book it.

2. As a user I want to see all pending booking details so that I can confirm them.

Acceptance criteria : There must be a booked car/cars

3. As a user I want to see all payment details so that I can confirm the bookings.

Acceptance criteria : The payment details should come from a valid bank account

Acceptance criteria : The payment details must be verified before booking a car.

4. As a user I want to edit a car details so that it can be updated.

Acceptance criteria : The admin/user is the only one who can make changes to a car.

5. As a user I want to delete a car so that customers can not book it.

Acceptance criteria : The admin/user is the only one able to delete a car from the list.

### **Customer user stories**

1. As a customer I want to book a car so that I can drive it.

Acceptance criteria : must register as a system user

2. As a customer I want to see all booking details so that I can prepare myself

Acceptance criteria :

3. As a customer I want to see all my pending bookings so that I can accept them.

Acceptance criteria : there must be available bookings

4. As a customer I want to see all the payment details so that I can pay.

Acceptance criteria : details must be well documented

5. As a customer I want to cancel my bookings so that I can stop my bookings.

Acceptance criteria : booking is incorrect

Use Case Name: List your car

Actors: Owner of the car

Triggers: Owner wants to list the car on Buro.com and make a profit out of it.

Pre-condition: Owner has one or more cars listed on website.

Post-condition: Owner successfully borrowed the car on trip.

**Normal Flow:**

1. User creates a profile.
2. User enters section for listing cars.
3. User uploads Licence plate no.
4. User uploads picture of the car.
5. User defines availability of the car.
6. Users sets price per day.
7. User writes terms and conditions.
8. User enters section check-out.
9. User logs-out.

**Diagram:**

Use Case Name: Rent your car

Actors: Customer who wants to rent the car

Triggers: Customer wants to borrow a car for certain amount of days to go on trip.

Pre-condition: Customer has credit card to make a purchase.

Post-condition: Customer successfully rented car for the trip.

**Normal Flow:**

1. Customer creates profile.
2. Customer finds wished car.
3. Customer specifies dates.
4. Customer writes message to owner.
5. Customer checks-out.
6. Customer makes purchase.
7. Customer logs-off.