Functional Requirements

1. TITLE: Download Mobile application

DESC: The user should be able to download the application from the Google store with any service or wifi. The application is free to download.

RAT: The user can download the application.

1. TITLE: Registration

DESC: The user should be able to register for the application to use the service. The user can register with their username and password from anywhere.

RAT: The user can register for the application.

1. TITLE: Login

DESC: The user should be able to Login to the application to use the service. The user can login using their user name and password.

RAT: In order to login to the application.

1. TITLE: Search available Slots

DESC: The user should be able to search for the available time slots to park their car using the application.

RAT: In order to search for the available parking slots to park their car.

1. TITLE: Book A slot

DESC: The user should be able to book a parking slot for required amount of time using the application. This can be done by a payment gateway.

RAT: In order to book an available parking slot.

1. TITLE: Get a Ticket

DESC: The user should be able to get a parking ticket for their booking. This ticket is generated by the server. It contains the information about the parking slot and time

RAT: In order to get a ticket.

1. TITLE: Profile Page

DESC: The user should be able to view their details in the application. The profile page consists of user details, previous bookings, and stored cards.

RAT: In order to View the profile page in the application.

1. TITLE: Edit Profile

DESC: The user should be able to edit their profile in this section..

RAT: In order to edit the profile of the user.

1. TITLE: Retrieve Password.

DESC: The user should be able to retrieve their password. The new password can be sent to mail.

RAT: In order to retrieve the password.

Non-Functional Requirements

1. TITLE: Performance

DESC: The application should provide better performance. The response time should be less. The processing speed should be high so that the user cab better experience.

1. TITLE: Availability

DESC: The application should be available all the time. It should not be closed at any time. Should be 24\*7 application.

1. TITLE: Security

DESC: The application should provide high level of security. As the user is uploading their payment details, it should be protected all the time. The application should not compromise at any point of time.

1. TITLE: Usability

DESC: The application should provide better user interface. It makes the user life easier to use the application.

1. TITLE: Memory

DESC: The application should use minimum space from the user’s system. It also take less resources to provide the service.