**IMPLEMENTATION**

**MODULES:**

* User Login
* Admin Login
* Parking Availability
* Automatic Cost calculation

**MODULES DESCSRIPTION:**

**User login:**

Users have to first register themselves to login into the system. In the registration of user page should be filled with the details of Name, Data of Birth, Email ID, Gender, Phone Number, Address and Password. After clicking sign up, the user registration will be made successful. With the details of registration made, the user login should be done. Checking the authorization, the user will be logged in to the system. After logging it, the user can able to see the Parking Cost, Book Parking, Your Booking details.

**Admin Login:**

The system is under supervision of admin who manages the bookings made. Once after the admin logged it, the admin can see the parking cost, View User details and View Bookings. Only the admin has the privilege of modifying the parking cost. Also admin can view the user details. And also the admin can view the complete booking details with the cost etc.

**Parking availability**

User can click on spaces to view the availability. If the space is already booked it will be marked yellow and the available ones will be seen in normal color. Parking booking online for date and time: Users can book parking space for their required date and time. User cannot select the slot if the booking is already done by some other earlier.

**Automatic cost calculation:**

The system calculates the total cost incurred for parking based on the time that user has asked for booking. In the user login, the option: Book Parking is available. In this the user enters the details of Date, time, and parking hours. After entering the details, the hours are calculated automatically and the final amount is displayed. The user no need to calculate the amount and enter it manually.