

# **Project Synopsis/Project Concept Document**

|               |                                     |
|---------------|-------------------------------------|
| Team Number   | <i>37</i>                           |
| Team          | <i>ChargeUp Tech</i>                |
| Project Title | <i>ChargeMate (D7)</i>              |
| Client        | <i>ChargeKart - ChargeKart (D7)</i> |

## **Web App**

### **Description**

A user-friendly web application explicitly designed for moderators to manage and maintain parking spaces efficiently. With this app, moderators can log in to their admin accounts and upload different maps and layouts of parking locations. Along with the map, they specify the exact location of the parking.

### **Profile of Users –**

- Admin only access

### **Feature highlights -**

- Provide the ability to users to be able to login.
- Allow the users to upload maps of the parking locations.
- Provide stats for the admin.

## **Mobile App**

### **Description**

The mobile application for users will provide a simple and efficient solution for summoning the charging bots to their location and carrying out financial transactions. The app will allow users to track the charging process and receive updates on the progress. This user-friendly interface will help to make the charging process a convenient and stress-free experience for EV users.

## **Profile of Users**

- They only have to enter some of their details and car details and can access the app. The primary target users are E/V owners who find it difficult to charge their cars when not at home/work.

## **Feature Highlights**

- **Location-Based Summoning:** The mobile app will allow users to locate themselves accurately and summon the nearest charging bot to their location.
- **Secure and Hassle-free Financial Transactions:** The app will feature secure financial transactions, allowing users to pay for their charging services directly through the app.
- **Progress Updates:** Users will receive regular updates on the charging progress.