**PROJECT DESCRIPTION**

CFS username: rrm14

Last name: Munakala First name: Rahul Reddy

**Project title: E-Parking Solution**

**Project description (typically 100 words):**

Finding the right and safe parking space before you reach the destination is a challenge when travelling. This project is a web-based application to connect the driver and the landowner. We are connecting the drivers and the landowners wherein the drivers can find a parking space before reaching the destination. It helps to book the parking space well in advance. This app has different dashboard pages for users, landowners, and admin.

Driver Dashboard

Parking Place 1

Owner : Mr. XYZ

A1

A2

A3

A4

A5

A6

A7

A8

A9

B1

B2

B3

B4

B5

B6

B7

B8

B9

C1

C2

C3

C4

C5

C6

C7

C8

Already Occupied

Already Booked

Free to Book

Select the Available Parking Area

02-17-2022

02:00 PM

Start

End

02-17-2022



Landowner Dashboard

Parking Place 1

Owner : Mr. XYZ

A1

A2

A3

A4

A5

A6

A7

A8

A9

B1

B2

B3

B4

B5

B6

B7

B8

B9

C1

C2

C3

C4

C5

C6

C7

C8

Already Occupied

Already Booked

Free to Book

These are all the current state

02-17-2022

02:00 PM

Start

End

02-17-2022



**List of requirements (objectives):**

Essential

* Appropriate landing dashboard page on specific user login
* Driver should be able to book parking space.
* Landowners can see the parking spaces status.
* Admin must be able to add-delete more parking space.

Recommended

* Landowner to add-remove more spaces.
* Refund/cancellation at the last minute.

Optional

* A payment simulation to view the booked space by the user.
* Providing a feature to navigate to the GPS location of the booked parking space.

Date: 17/02/2022 Date:

Student signature: RRM Supervisor signature: