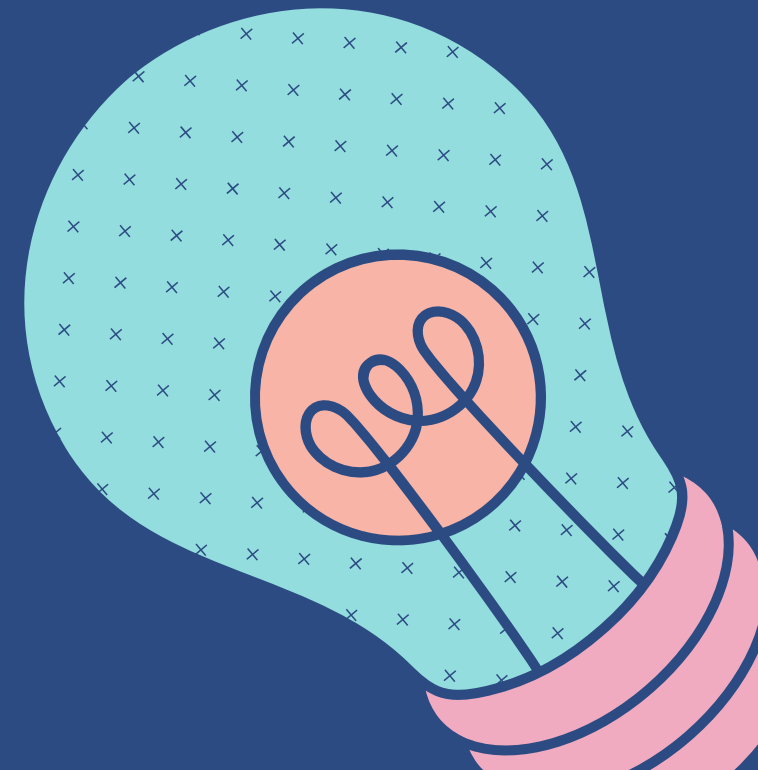# Rajasthan Institute of engineering and technology Jaipur

RIET

Smart Hotel

Final Year Project

Team Members

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TEAM

Technology Used

Language :
- Python
- HTML
- CSS
- MySQL

Tools:
- FIREBASE
- Flask

Hardware:
- ESP8266
- IR Sensor

Software:
- ARDUINO IDE
- Visual Studio

Problem Description

In our History, we saw a big change from stone age to technical age.Previously people worked on their own, but now we are at the stage of advance technology like robots. In cites, many people couldn't afford assistance set to control home appliance. Growing buildings will replace the parking areas, so some people find It difficult to park!!
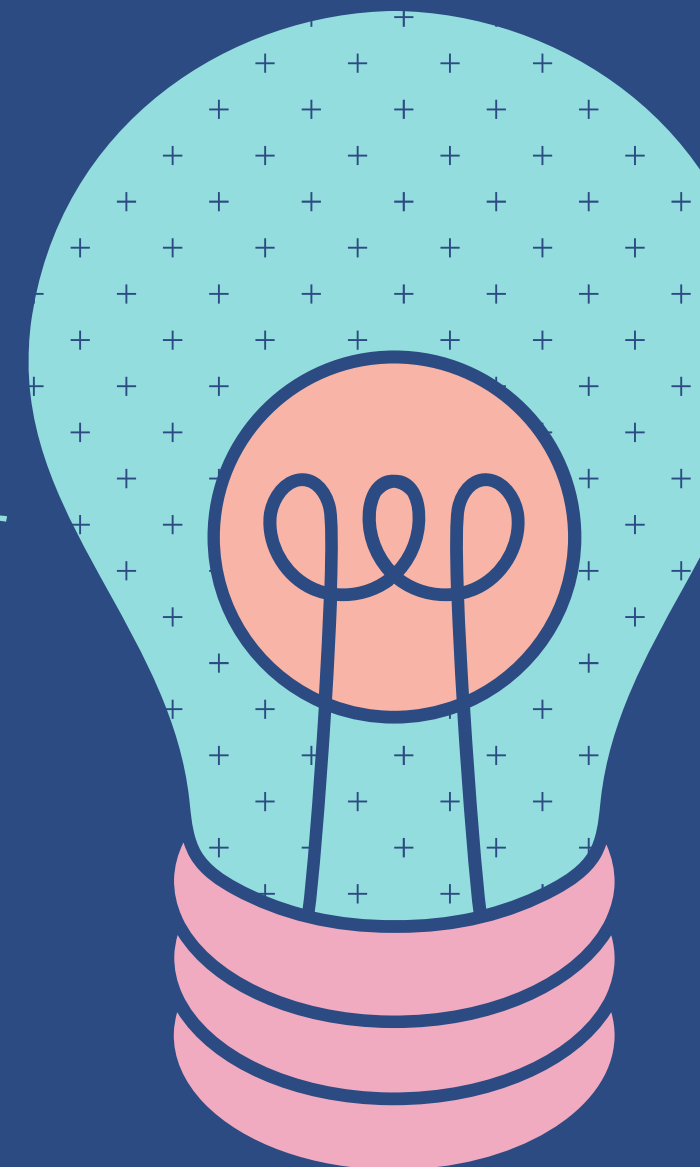
Solution

- Through this web-based application we can connect our appliances directly to the website without purchasing the google assistance set.
- We use a simple machine method of 0 and 1.
- Web also shows the empty parking spots in the form of grid on the screen whenever he / she enters in the parking lot.
- We use entry source by making entry book, so when people enter in the parking lot their detail is stored online.
- This allows user to pay their ticket through payment gateway or UPI process.
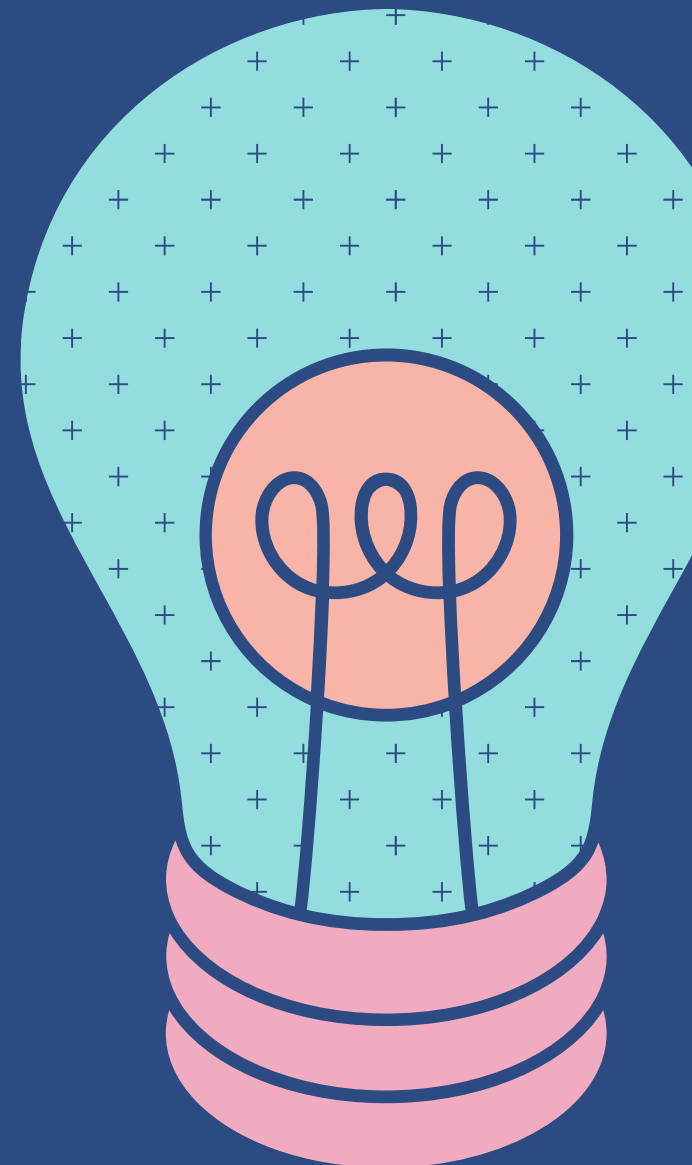
Merits

- Entry book helps guard to recognize which person has placed the car and where?

- This will allow everyone to have their parking slot secured in the parking lot.

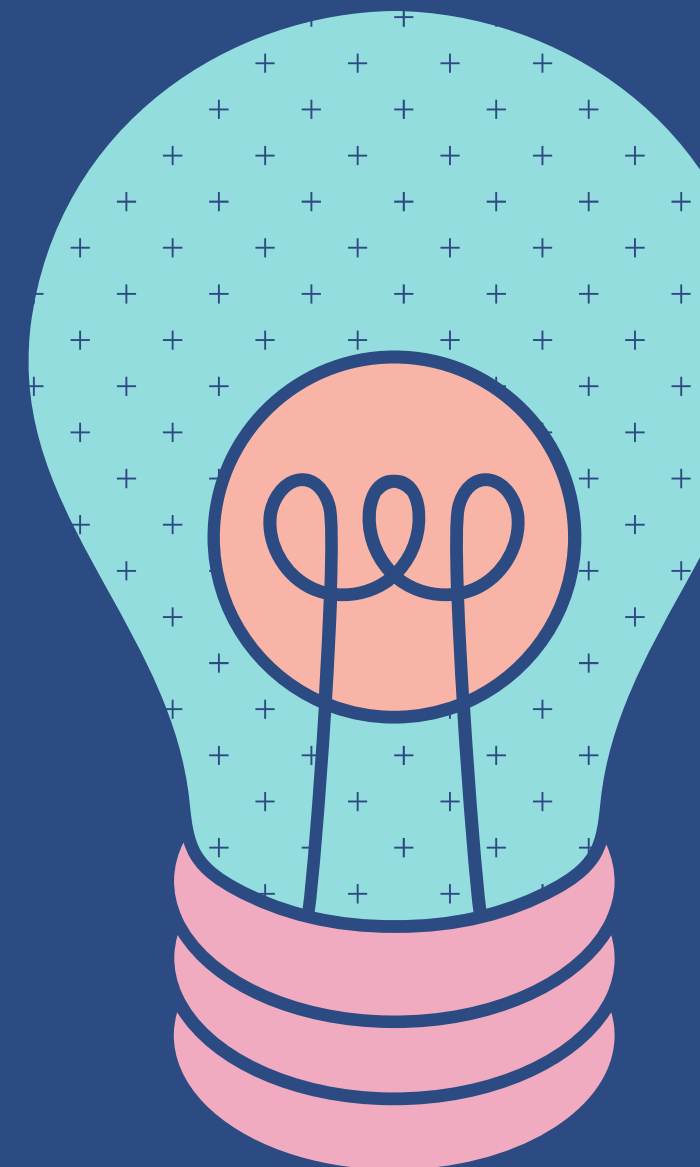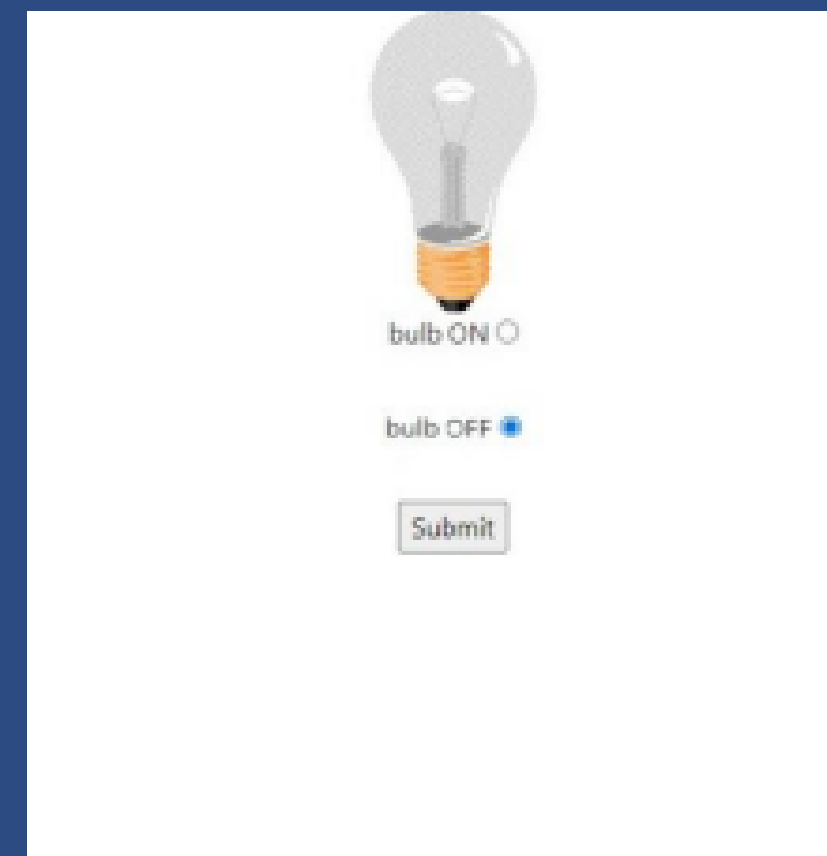- It will save petrol by avoiding manual search for empty parking lot.

Merits

- It will help customers to save electricity by turning off home appliances from our website.?

- Their entry data is secured via google spreadsheet, which is also used in hotel booking.

Scheme

- Our idea doesn't depend on range , if you are far away from your home and accidently forgot to switch off fan or tube light, it will help you to save electricity fromfaraway!!

Slot number : 1

Slot number : 2

Thank you!