YUL code

TEAM MAGIKARP

Smart Parking Application

**Global Idea:**

Implement a smart parking lot system, where each slot has a sensor that acts as a switch (Boolean), its output is sent to database to update slot availability.

Our application displays all the slots available in green and that are not available in red with additional information like total number of slots present, slots in use, slots not in use.

If the user parks his car in a slot, immediately the sensor detects it and system is updated accordingly with slot id.

What we are planning to implement today:

Smart parking lot system replacing sensor with a button.

Tech stack we are using:

Backend: Java RESTful web services

Database: MySQL

Frontend: React JS

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