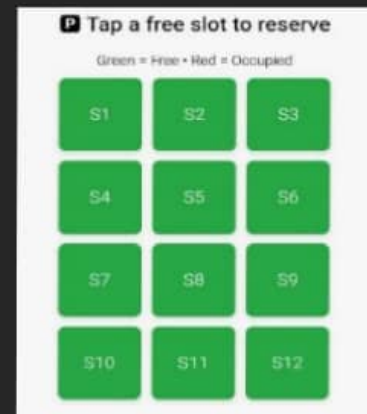


Result



When the code is executed, four options appear on the screen. On selecting the Car Entry option, a QR code is generated. After scanning the QR, the user is directed to the slot selection page, where all parking slots are initially shown in green, indicating that they are empty.

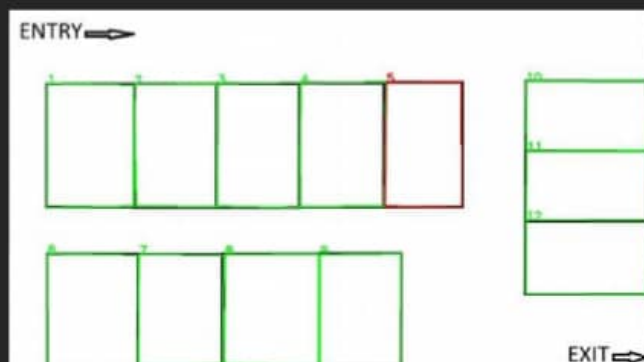


After selecting a slot, the user is redirected to the exit page, where a QR code with the exit code is displayed. This exit code is used later during the car exit process.

When selecting a slot for another car, the already occupied slots appear in red, while the available slots remain green. This allows the user to choose only from the empty slots during the parking process.



SS



There is also an option to view the parking layout. By selecting this option, the user can see the current status of all parking slots without parking a car. The interface displays which slots are occupied and which are empty, allowing users to check availability in real time.

If the user wants to exit the car, they can select the Car Exit option. The system then asks for the exit code that was generated earlier after slot selection. After entering the correct code, the car exits successfully and the corresponding parking slot is freed and turns green again.