



Zewail City

University of Science and Technology

IOT Car Parking System

CIE 405 Project

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1. Hardware

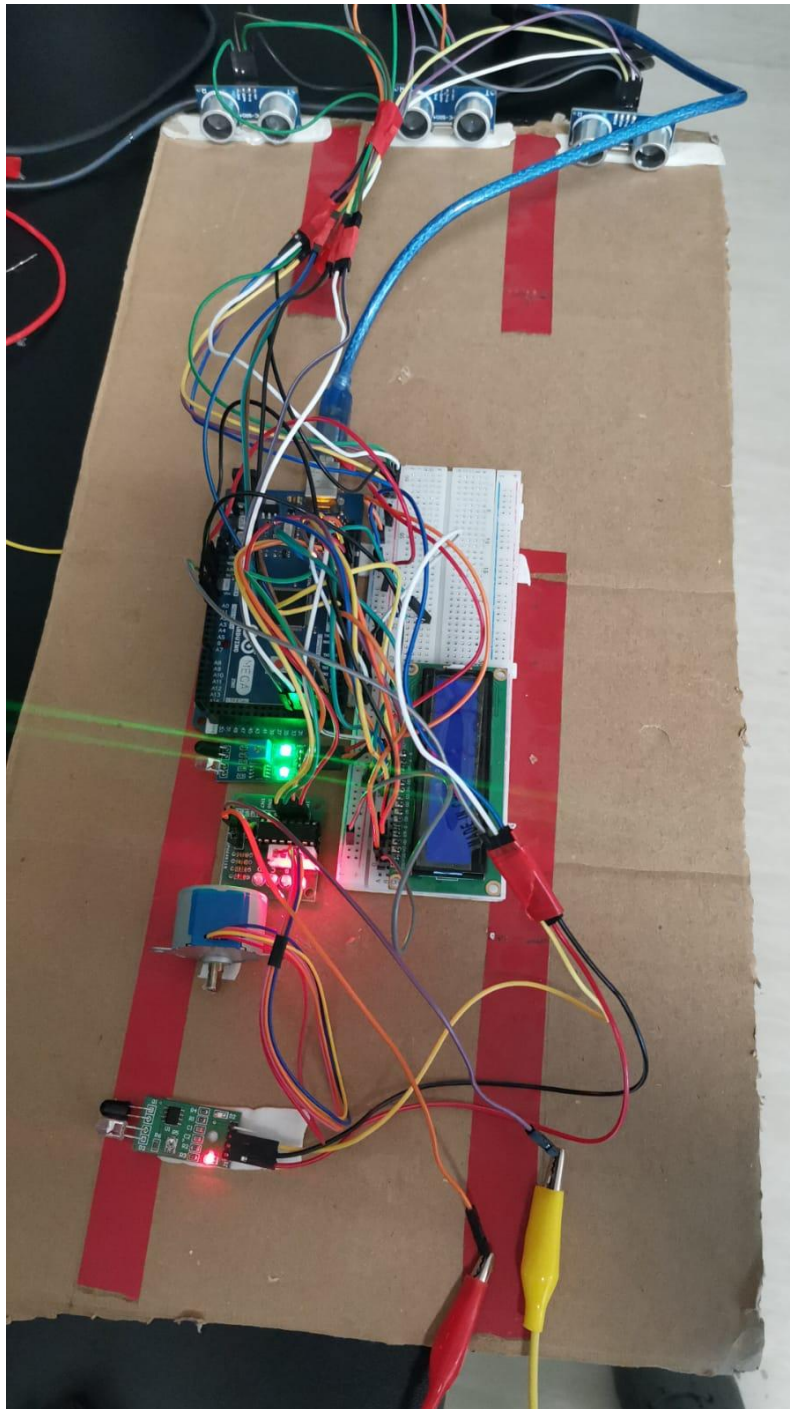


Figure 1

2. Software

- Designer

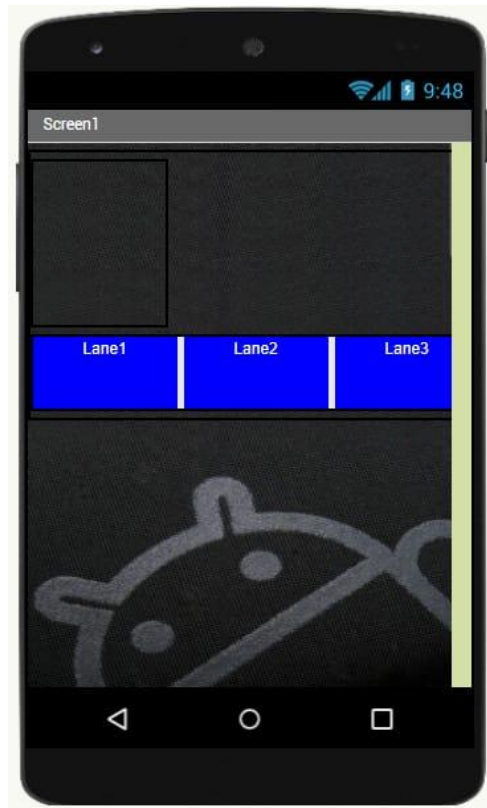


Figure 2

- Blocks

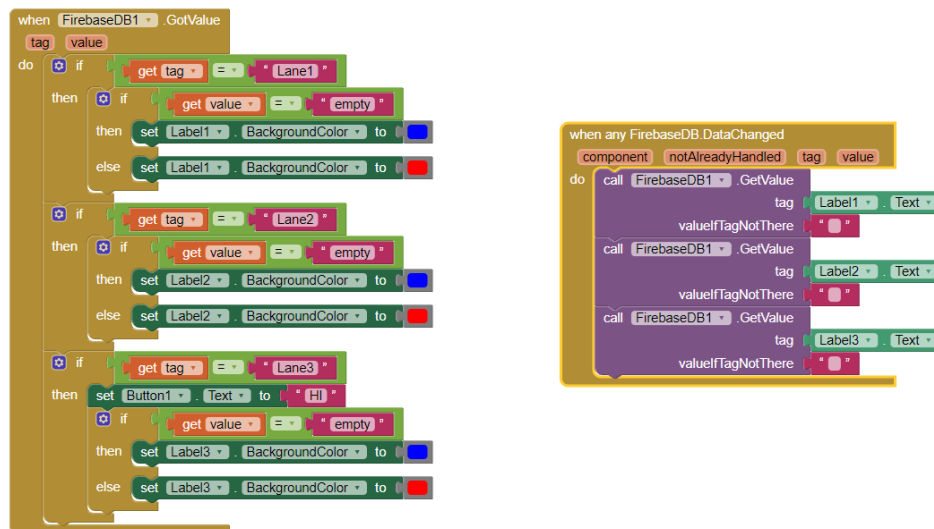


Figure 3

3. Demo videos

a. Software:

<https://drive.google.com/file/d/19VZ1VsemST3A6Jo7Ei1vupqGFyGuafLY/view?usp=sharing>

b. Hardware

<https://drive.google.com/file/d/1XzboyUmr-xX244o7dZjnsLPRbz1RZ7zN/view>

4. Summary

In this final report, we show the final output of the “smart parking system using IoT” project. The hardware is completely connected and the software is programmed using the MIT app inventor to be able to control and monitor the system offboard and make decisions if needed.