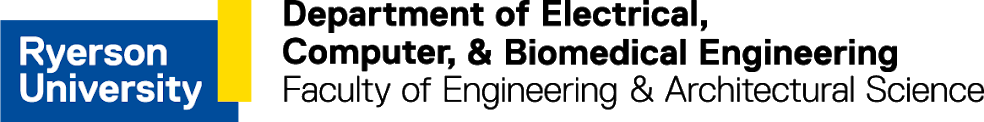
****

**COE/ELE 70AB Milestones Compliance Report (MCR)**

| **Project Title** | AA05 - Automated Parking Management System |
| --- | --- |
| **MCR Number** | III (Weeks 8-9) |
| **Project Manager for the MCR period** | Zohraan Badar |
| **Team Players for the MCR period** | Yadu Krishnan Madhu, Taskin Abdur-Rahman, Kisoban Rajendran |
| **Faculty Supervisor** | Alagan Anpalagan |

# **Tasks Outlined for the Reporting Period (e.g. MCR III – Weeks 8 & 9)** (Provide detailed information on the tasks to be completed for the reporting period as per the milestone submitted to your FLC in Week3)

**Group:** Disassemble parking lot enclosure, complete gate opening/closing function, web app QR code, QR code scanning.

**Student A (Yadu):** Set up license plate detection. Set up QR code authentication/confirmation.

**Student B (Zohraan):** Assist in hardware installation, Plan for hardware installation and setup, Gather tools and resources needed

**Student C (Taskin):** Develop frontend pages: Home, Parking Lot, QR code.

**Student D (Kisoban):** Complete the circuit and make an attempt at soldering the components together for one part of the schematic

# **Progress Made in Reporting Period (e.g. MCR III – Weeks 8 & 9) -** (Provide detailed information on the progress that you (as a group and individual) made during the reporting period. You can include figures, datasheets, flowcharts etc. and additional information as requested by your FLC. You should use your progress to justify compliance to the tasks outlined for the reporting period as per the milestones submitted to your FLC in Week3)

**Group:**

Previous parking model was stripped and partly dismantled based on our new requirements and blueprint for the parking model. QR code scanning functionality completed, web app QR code generation completed, gate opening/closing functions complete.

**Student A (Yadu):** Completed license plate detection. Completed gate opening and closing, completed qr codes detection

**Student B (Zohraan):** Developing design for the new parking model. Wiring, tools, materials and creating a blueprint

**Student C (Taskin):** Completed Home, Parking Lot and QR code page. Disassembled parking lot fixtures and removed old components.

**Student D (Kisoban):** Completed the circuit and soldered the components together for multiple parking spots

# **Difficulties Encountered in Reporting Period** (Provide detailed information on the difficulties and issues that you encountered during the reporting period and how you plan to address this in the following periods)

**Group:** Meeting the requirements as we had midterms.

# **Tasks to Be Completed in the Next Reporting Period** (Outline the tasks to be completed in the next reporting period. Please note this should match with your milestones submitted to your FLC in Week3, however in consultation with (and approval of) your FLC, you can modify this to accommodate incomplete tasks from previous period. Here you should also identify the Project Manager for the next period)

**Group:**

1. Complete Parking Model. Incorporate all hardware components and complete wiring and integration.
2. Complete entrance and exit authentication.

**Student A (Yadu):** 1, 2

**Student B (Taskin):** 1, 2

**Student C (Zohraan):** 1, 2

**Student D (Kisoban):** 1, 2