PROJECT PROPOSAL

Team #2(Group C)
Bilal Hussain
 #9042866
Iddi Munkaila
#8930718

Project Name - Mini Mario, LED Buster
Sensors used - Joystick, Rotary encoder
LCD-1

The project must incorporate:
Hardware:
Arduino Uno, breadboard, connecting wires/cables.

Sensors:
At least 2 sensors from the Elegoo 37-in-1 sensor kit.

Creative Design:
Students are encouraged to develop a unique application for data collection, display, or control.

Report:
Final project report

Roles and Responsibilities:
Bilal's responsibilities:
- Handling all of the hardware parts, as previous ones were nice and tidy.
- Setting up all of the breadboard, wiring, LCD, and sensors.
- Writing the code for the project.
- Creating the SRS document.
- Writing proper documentation for the project.

Iddi's responsibilities
- Testing and making sure the project is up to expectations.
- Doing paperwork (if needed).
- Making sure the project is MoSCow and SMART verified.
- Creating the SDS document.
- Writing theory part of the report
- Adding pictures, designs, headers, footers, tables, and flow charts to the report.

Shared responsibilities:

- Actively participate in brainstorming and troubleshooting.
- Share relevant knowledge, tools, and resources.

- Attend all scheduled project meetings.

Property Rights:

- All work produced during the Project will be jointly owned by Bilal Hussain and Iddi Munkaila.
- Neither of us will claim sole ownership of the project.

Communication

- Both of us will maintain clear and open communication through [specify method, e.g., WhatsApp, email, Discord. Snapchat or in-person].

AGREEMENT

Team#2, the undersigned, hereby agree to work in fair cooperation and harmony on the final engineering project of our class under the guidance of Professor Safat Khan. Our team, led by Iddi Munkaila and Bilal Hussein, guarantees to equally divide the work in order to achieve the project. Each week, the duties will be rotated, and one of the members will be responsible for the development of the code while the other will be responsible for delivering tasks, such as documentation and presentations. The outcome is that everyone gives their all in all the tasks they are assigned and gives maximum effort.

Apart from that, we will always be available to help and support each other if any help is needed. On the other hand, if any member breaches this contract, the member concerned will immediately be sent to Professor Safat Khan which will most likely result in a deduction of marks.

By virtue of the signing of the guest document, we hereby declare that we understand and accept the terms embodied in the contract.

Signed on [2024-11-19]:

Team Member 1 (Bilal Hussain):
Signature: Bilal Hussain Mohammed
Team Member 2 (Iddi Munkaila):
Signature: Iddi Fiifi Munkaila