



PES University
(Established under Karnataka Act No. 16 of 2013)
100 Feet Ring Road, BSK III Stage, Bengaluru - 560 085

Student name: Roshan N. Kalpavruksha

SRN:

PES1201802834

Title of the Project : Intensity Control of Home Appliances using MQTT Protocol

Project ID: W27

Presentation No.	Individual Contribution
1. Phase-1 ISA-1	1. Deciding on the motivation for coming up with the above problem statement 2. Deciding on methodology to solve the problem statement
2. Phase-1 ESA	1. Implementing the slide bar technique for light. 2. Researched on components required for project in future
3. Phase-2 ISA-1	1. Came up with the circuits and components required to implement the technique for AC devices (light/fan) 2. Research on gesture technique.
4. Phase-2 ISA-2	1. Researched on the advantages and motivation to use MQTT protocol in gesture based technique. 2. Research on implementing a smart band technique to control devices.
5. Phase-2 ESA	1. Designing of a smart band helpful for users to control devices from far 2. Preparation of final presentation, report, publication paper & video of the project

Roshan

Signature of the student