

Project Idea Submission Form

Student Ids (In ascending order)
1505108 1505119
Project Name
GSM BASED DEVICE CONTROL
Brief Project Description (We expect you to discuss here a very top level overview of your project, e.g., what sensor/environment values you are reading, which sensor(s) you are using to do that, what do you plan to do with these sensor/input readings, what processing/algorithm you run on these inputs, what actuators/output devices you are using, what the actuator(s)/output do/mean, etc. Do not discuss the motivation of the project if it is obvious!)
<p>This is a GSM based project which can control multiple AC device such as light,fan and others by sending a message to a particular number. This project will be based on a particular room and we know the AC devices of the room . When the owner of the room want to know the current status of the ac devices, he just send a message and get a reply by the current status (on or off) of the all devices. He can also turn on or off any of devices .</p>

<p>List of sensors/input devices used (With specific name, model number, etc. You must provide the link from any BD online-shop and check their availability. You can omit the model name and number in case of rudimentary items e.g., buttons)</p>
<p>SIM900 Module . Model : GGG-00018 https://www.techshopbd.com/product-categories/modules/1330/sim900-module-techshop-bangladesh</p>
<p>List of Actuators/output devices used (With specific name, model number, etc. You must provide the link from any BD online-shop and check their availability. You can omit the model name and number in case of rudimentary items e.g., LEDs)</p>
<p>5V Relay . Model : SRU-05VDC-SL-C https://www.techshopbd.com/product-categories/modules-98775/1697/1-channel-5v-relay-module-techshop-bangladesh</p> <p>AC Bulb - available in local market</p>
<p>Miscellaneous & Discussion (If Any</p>

