**ESP8266**

**POWER SUPPLY**

**LCD 16X2**

**Cloud**

**PUSH BUTTONS**

Clients

**WORKING PRINCIPLE**

The clients visit the web application via any browser, then they create an account if they don’t have one, if they have an account they will login into their account so that they may be permitted to order products from the available menu, when they order any available product from the menu, their order will be stored in the MYSQL database in an ascending order of the time that the order was placed.

On the other hand, the ESP8266 will periodically send http requests to the webserver and brings back the response containing the information of the first order that was placed, that information include, the client names, menu, and the location. Depending on the order the person responsible has two options, the first option is to cancel the order while the second option is to confirm the order.

Pushing on the confirm order pushbutton the ESP8266 will make an http request with a confirm command and the client will be notified via an email that the order was confirmed.

If the cancel pushbutton is pushed the ESP8266 will again send the http request but this time with a cancel command and the client will also be notified via the email, informing him or her about the cancelation of the order.