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| Future Shopping |
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Future Shopping

Dr.Ahmed Hussien

**Abstract:**

We all know that in the future all things will be easy to do with no more effort, no more time to lose. All of that due to the technology which is aim to make the future more comfortable and more luxury, so more things will be different than now, so we design this small embedded system which can use in many places to achieve that.

Hence We will talk about this embedded system in restaurant for restaurant .

**Nowadays restaurant**:

 It has more number of waiters.

 The client waits more time to can make his/her order.

 There are high voices (more noise) in the restaurant to call the waiters.

 Some mistakes happen in the order.

**But in our restaurant**:

 No more number of waiters.

 No more lose time to wait the waiter, you can make your order by yourself.

 No noise and no more high voices in the restaurant.

 Client will be sure that the order is delivered correctly.

This will be achieved by using an LCD which put on the table of the restaurant, the client can select the order from the menu on the LCD, then the role of the communication Zigbee module will begin to transmit the order of each table to the kitchen, then the client will insert the number of his /her visa card number to pay.

**CONCLUSION:**

In the last of our project we can conclude that by using our design, we could achieve more comfortable way to have the order in our restaurant and make sure your order delivered correctly and achieved more easy way to pay by only insert your visa card number.

In our future view we hope to design **robots** to do all services in the restaurant like cooking all types of foods, cleaning the restaurant and deliver the orders to the tables.

We plan to design a **website** for our restaurant to easy contact with our restaurant when you are, you can know the new types of foods, select your order and pay from this website.