**Project system** : application for restaurant

**Project sponsor** : marvel studio ,DC and nageb swirs

**Project manager**: ahmed mekky

**Project team** : ahmed abdalla , ahmed abdelazez, ahmed magdy, tayam alaa and ahmed saad.

**Project purpose**: in application we can control everything about the restaurant for example :cashier ,staff entry and exit times and determine their salary.

**Business case**: pen and paper and calculator have served this restaurant since 1980 but it is time to let it go we will have a full system would help us not with entry and exit of workers no but with every single thing from the single fork to the tables and food it will allow us to save a lot of time and money and to be more secure and more productive a simple example when a worker come to work in 8 a m he will put his finger print on the computer by the scanner and the system will save the time he came and do the same when he leave and the system will count his legal time as known as 8 hours and start to count his salary all over the month and if he worked more then 8 hours the hour will be determined as 2 hours in the system and will be added to his salary .

The system will count how many customers came today so he will count how many forks and knives need to clean today .

To the food items the we will give the system like how many do we need in a month from everything in the kitchen starting from tomato to the beef and chickens we need in a month and the system will count how many we used and how many we still have instead of counting it ourselves .the chashier will be ready with all the dishes we have in the restaurant and every drinks on a tablet with the waiter which is connected with the chashier pc by a network and the system will count the check by the tables numbers it will help us a lot and saves a lot of efforts , time and money .

**Project results**

* completely successful by january.
* It saves 300,000 $ by a year .

**Project milestone timeline**

* **September** : workers will know about the application.
* **October** : everyone starts to get use to the system .
* **November** : recive the feedback on the application, and fix the problems if exict.
* **December** : the whole staff is an experts in using the system and very happy to save efforts and time .

**Project resources**

1.Sidi bishr lab in 63 street .

2.The world site of develop systems.

3.site : How to Create Restaurant Apps. The Complete Guide.

**Project constraints , assumptions , and risks**

1. The project must be done by january the third
2. It will cost 20,000 $ and must not exceeded 30,000 $
3. The risk the worker will not accept the application and don’t use it .