

**SwE 482 Human-Computer Interaction**  
**1<sup>st</sup> Semester 2017/2018**

**Project description for restaurant management app**

Group Number	
Section Number	50136

Due Date	<b>Sunday 8 OCT 2017 (via LMS before 1:00 pm)</b>
Date of Submission	<b>Sunday 8 OCT 2017</b>

Group Members			
#	Name	ID	Percentage of tasks she perform
1	Sara khalid al-meshari	435202339	description and specification
2	Nora alkhunifer	435201094	requirement
3	Al-zahra Alhowaish	435201808	features
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## Project title: Restaurant management app

### Project description and specification:

This project is aiming to design a user interface and a user experience for organizing and facilitating restaurant to make restaurant team work in one system arranging their work and responsibilities to make the provided service better. The Main device the system going to work on is a tablet so, the restaurant team can handle it easy. The other device is a Screen in the restaurant's kitchen so, the kitchen's team know the requested dish. The system is for restaurant team.

### The main requirements:

1. The waiters shall view the list of tables in the restaurant as graphic.
2. The waiters shall be able to make a reservation on the table by customer name ,number and number of visitors .
3. The waiters shall be able to add order for customers tables.
4. The waiters shall be able to remove the order from customers tables.
5. The waiters shall view a progress bar for each table to track order state.
6. The manager shall be able to view the most ordered dish.
7. The manager shall be able to view the weekly ,monthly and yearly summary of budget in restaurant.
8. The waiters shall be able to change the tables states .
9. The system shall notify the waiters if customer need help.
10. The system shall allow the waiters to change the tables color to gray if it's not ready for customers .
11. The system shall allow the waiters to change the tables color to green if it's reserved by customer .
12. The table size shall reflect the maximum number of customer.
13. The staff shall be able to view menu and ingredients for each dish.

### The application should embody the following features, among others:

- Add/ edit / delete orders.
- Accept credit card and cash.
- Display what customers have ordered.
- View the full display of the menu on the tablets.
- The degree of security is high
- Monthly updates
- clear Design ease of use
- Speed and accuracy of processing
- Availability of help information
- simple interface
- Default Values
- provide feedback
- big Click Targets