**E-Menu System**

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# 1. Introduction

This document describes in details all business requirement for E-Menu system.

# 2. Customer Application

This is business requirement for customer **mobile** application:

## Business Requirement

### 2.1.1 Table Assignment

1. Waiter can assign devices for specific table.
2. Waiter can assign N devices for specific table.
3. Table will have open session when at least one device assigned to this table.

### 2.1.2 Menu

1. Customer can see restaurant menu.
2. Menu will has many categories.
3. Each category will has many items.
4. Each item will has this properties:
   1. Name
   2. Desc
   3. Images
      1. Main image
      2. List of secondary images
   4. Price
5. Menu will be localized.

### 2.1.3 Order

1. Every single device will has its own basket.
2. Customer can add items into basket.
3. Customer can review his order before submitting it.
4. Customer can edit order before submitting it.

### 2.1.4 Waiter Call

1. Customer can call waiter through application.

### 2.1.5 Reviews

1. Customer can do reviews for order and service level per waiter and table.

# 3. Waiter Application

This is business requirement for waiter **mobile** application:

## Business Requirement

### 3.1.1 Table Assignment

1. Waiter can see sections of restaurant and then choice his table.
2. Waiter can change status of table either online or offline.
   * Online status will create new session with the following properties:
     + Starting time stamp
     + Waiter ID
     + Ending time stamp

### 3.1.2 End Session

1. Waiter end session for specific table after customer pay check.
   * Then will update Ending time stamp.

### 3.1.3 Order

1. Waiter can see table order.
2. Waiter will see ONLY one order per table.
3. Waiter will get notification when new sub-order placed from specific table.
4. Waiter will see order as sub-order so sub-order represent every single device.
5. Waiter can confirm sub-order so it’s status will be changed to confirmed.
6. Waiter can edit sub-order.
7. Waiter always see sub-orders sorted by submitting timestamp and status.

### 3.1.4 Waiter Call

1. Waiter will have notification from customer calls.
2. Notification will be attached to table.

# 4. Admin Application

This is business requirement for admin **web/mobile** application:

## Business Requirement

### 4.1.1 Table Operations

1. Admin can handle all CRUD operations for tables & sections.

### 4.1.2 Waiter Operations

1. Admin can handle all CRUD operations for waiters.
2. Admin can assign waiters for specific sections and tables.

### 4.1.3 Order Operations

1. Admin can handle all CRUD operations for orders.
2. Admin can have statics about orders.
3. Admin can handle reports for orders per tables.

# 5. Content Management

This is business requirement for content management application.

## Business Requirement

### 5.1.1 Table Operations

1. Admin can handle all CRUD operations for Menu content.