TD-GATE

**E-Menu System**

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# 1. Introduction

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

# 2. Customer Application

This is design document 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 login and then view his tables assigned.

### 3.1.2 End Session

1. Waiter end session for specific table after customer pay check.

### 3.1.3 Order

1. Waiter can see table order.
2. Waiter will see ONLY one order per table.
3. Waiter can edit order before confirm it.
4. Waiter can confirm order after check with customer then order status will be in-progress.
5. Waiter will handle rest of process manually with restaurant system.
6. Waiter can change order status to done after serve items to customers.
7. Waiter will get notification when new order placed from specific table.

### 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.