**Project Tile – Restaurant Management System**

**Objective :** To make restaurant management more efficient.

**Scope :** -Customer online ordering system

-Business analytics

**Requirement Specification:**

**Module 1 : Visiting site**

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| FR | Description |
| FR1 | Visiting site  -Simple visiting site with photos and information.  🡪Login Button  Output : Redirects to authantication page |

**Module 2 : Waiter module**

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| FR | Description |
| FR1 | Authentication  🡪Sign up through mail  Input : Username  Add photo  Phone number  Password  Re-enter password  🡪Login  Input : Username or Phone  Password  Login button  Output : Redirect to it’s module |
| FR2 | Ordering  - It selects table then takes order and update admin and cook about the order.  🡪Table map  Input : click on icon  Output : redirect to menu page for order  🡪Table status  Output : colour code, is table occupy  🡪Ordering system  Input : add to cart button  order button  Output : send order list to user, cook , admin, waiter |
| FR3 | Order list with Status + Update option  - It shows order list and status of pending and delivered  Input : button for status  Output :list with status |

**Module 3 : Cook module**

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| FR | Description |
| FR1 | Authentication  🡪Sign up through mail  Input : Username  Add photo  Phone number  Password  Re-enter password  🡪Login  Input : Username or Phone  Password  Login button  Output : Redirect to it’s module |
| FR2 | Orders  - It shows order list for cooking and option to update status like pending, cooking and done  🡪Order list  Output : list of orders  🡪Order status update  Input : button for status  Output : Update Status |

**Module 4 : Admin module**

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| FR | Description |
| FR1 | Authentication  🡪Sign up through mail  Input : Username  Add photo  Phone number  Password  Re-enter password  🡪Login  Input : Username or Phone  Password  Login button  Output : Redirect to it’s module |
| FR2 | Staff information  - it give staff information with id, name , photo and contact detail  Output : list of staff |
| FR3 | Staff add/remove option  - Give access to admin to add or remove staff  Input: Add Button  🡪Phone Number  🡪Staff Post  🡪Send Button  Remove Button  Output: Send SMS to given number  Confirmation and Remove |
| FR4 | Order list + Status  - Table wise order list with status like pending or delivered or cooking  Output : list of orders with status |
| FR5 | Menu update option  **-** Access to update menu by adding and removing items  **🡪**Add item  Input : Item name  Item image  Item price  Item description  Output : add item in menu list  🡪Remove item  Input : remove button  Output : confirm remove and remove |
| FR6 | Bills  - Display bills after bill request  🡪Display Bills |
| FR7 | Analytics (Evolution round 3)  - Gives business analytics  **🡪**Daily counter with graph  🡪Best selling category list – Top to least  🡪Best selling item list – Top to least  🡪Revenue with graph– with range options |

**Module 5 : User module**

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| FR | Description |
| FR1 | Authentication  🡪Sign up through mail  Input : Username  Add photo  Phone number  Password  Re-enter password  🡪Login  Input : Username or Phone  Password  Login button  Output : Redirect to it’s module |
| FR2 | Ordering system  - It takes orders from direct user and update admin and cook about the order.  Input : add to cart button  order button  Output : send order list to user, cook , admin, waiter |
| FR3 | Order list + status  Shows order list with status |
| FR4 | Bill  **-** Gives customer bill to user on their bill request.  Input : bill request button  Output : confirm and shows bill |

**Module 6 : Dinning area module**

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| FR | Description |
| FR1 | QR code  -Redirects to menu from where user can order their food.  🡪Ordering system  Input : add to cart button  order button  Output : send order list to user, cook, admin, waiter |