Restaurant Delivery Application Product Backlog

Normal user (client) :

1) Authentication :

☐ as a client i need a page to **register** using my phone , address, password and my name
☐ as a client i need a page to **login** into my account using my phone number and my password
☐ as a client i need page to **restore my password** in case i forgot it

2) Profile and details :

☐ as client i need a page to see my **personal details** (the ones i used when registering)
☐ as client i need a page to view my **orders history** including **the ones that are currently being prepared**

- ☐ as client i need a page where i can **change my phone** in case i lost it

3) Ordering and selecting items:

- ☐ as a client i need a page that shows me **menus** and the **products** that i can order
- ☐ as a client i need a **cart page** where i can **validate the order and pass it**, in this page i need to view the total price , and other order related data
- ☐ as a client i need page that display a **single menu** details with the price and a button to add it to the cart
- ☐ as a client i need a page that show me a **single product** details with price and a button to add it in the cart
- ☐ as a client i need a page to view my **order status** and the **order related data** like the driver name , order items , total price...

Delivery man (livreur) :

1) Authentication:

- ☐ - as a livreur i need to be able to login with the credentials that the admin gave me

2) Orders management:

- ☐ as a livreur i need a page where i can see the current orders i am working on , for each order i need to see the total price , the products , the order id , the client location and client name (note that the location and the order id are the most important)
- ☐ as a livreur i need to be able to see a single order details, like the location , price , client name , orderId , products ,
- ☐ as a livreur i need to mark an order as payed when the client recieve it and pays me
- ☐ as a livreur i need to mark an order as return when the client dont answer, did not like the order , or any other reason
- ☐ – as a livreur i need to be able to see if there is urgent orders in the restaurent

3) Profile managment:

- [ ] - as a livreur i need to be able to set my status to ready or paused so i can accept orders from the restaurent, i can't change my status when i am delivering orders.
- [ ] - as a livreur i need to see the orders history

Admin (Restaurant owner) :

1) Authentication:

- [ ] as an admin i should be able to login to the dashboard

2) Products managment:

- [ ] as an admin i should be able to create, update , delete products
- [ ] as an admin i should be able to create, update, delete menus

2) Orders management:

- [ ] as an admin i should be able to view the new orders
- [ ] as an admin i should be able to validate the new orders (call the client)
- [ ] as an admin i should be able to mark an order as ready to deliver and i should be able to assign it to the livreur
- [ ] as an admin i should be able to validate the payment of the order when the livreur give me the money

3) livreur managment:

- [ ] as an admin i should be able to view the livreurs list with their status and other details
- [ ] – as an admin i should be able to add more livrerurs
- [ ] as an admin i should be able to view data about the livrerur like how many orders he delivrered , returned ..

4) Statistics:

- [ ] as an admin i should be able to view the stats about the month
- / as an admin i should be able to see stats about menu , and products

Sprints planning

Sprint 1: Core Functionality This sprint focuses on setting up the basic structure and essential features for all user types.
1. Client Authentication and Profile
    - Registration page
    - Login page
    - Password restoration
    - View personal details
    - Change phone number
2. Admin Authentication
    - Login to dashboard
3. Delivery Person Authentication
    - Login with admin-provided credentials
4. Basic Product Management (Admin)
    - Create, update, delete products
    - Create, update, delete menus

Sprint 2: Order Management and Core Features This sprint builds on the foundation to implement the main ordering and management features.
1. Client Ordering
    - View menus and products
    - View single menu details
    - View single product details
    - Shopping cart functionality
    - Place order
2. Admin Order Management
    - View new orders
    - Validate new orders (call client)
    - Mark order as ready to deliver
    - Assign order to delivery person
3. Delivery Person Order Management
    - View current orders
    - View single order details
    - Mark order as paid
    - Mark order as returned
    - Set status (ready/paused)
4. Client Order Tracking
    - View order status and details

Sprint 3: Advanced Features and Statistics This sprint adds more advanced features and focuses on data analysis and management.

1. Client Features
   - View order history
2. Admin Features
   - Validate payment from delivery person
   - View delivery person list with status
   - Add new delivery persons
   - View stats about delivery persons
   - View monthly stats
   - View stats about menus and products
3. Delivery Person Features
   - View urgent orders in the restaurant
   - View order history
4. System Improvements and Optimizations
   - Any necessary improvements based on feedback from previous sprints