

Food Order App — Project Documentation

1. Heading of project

Food Order App

1.1 Project description

The Food Order App is a course-end project that demonstrates a simple food ordering user interface where a customer can browse menu items, add to cart, and check out. The delivered workspace contains static front-end pages (HTML, CSS, JS) and images demonstrating UI and flows. For learning exercises, the project can be extended with a backend implemented in Java (or other languages) for persistence and business logic.

1.1.2 Tech stack

- HTML / CSS / JavaScript (front-end — implemented in this repo)
- Java (optional / recommended for backend implementation)
- File Handling (for a Java assignment storing orders/users in files)
- Data structures (for in-memory representations, queues/lists/maps)

2. Architecture diagram / flow chart

High-level flow:

1. User opens `index.html` (home page).
2. User navigates to `menu.html` to browse menu items.
3. User adds items to `cart.html` and proceeds to `checkout.html`.
4. After checkout, user sees `orderconfirmation.html`.

Screenshots / diagrams (from the `Images/` folder):



Pizza Studio



3. Project User Stories (Agile / Scrum)

Example user stories (As a <role> I want <feature> so that <goal>):

- As a user I want a menu page so that I can browse available food items.
- As a user I want a registration/signup page so that I can create an account.
- As a user I want a login page to authenticate so that I can access my orders.
- As a user I want a cart so that I can add and review selected items before checkout.
- As an admin I want to add/edit/delete menu items so that I can manage offerings.
- As a developer I want to create console or UI interactions to test flows.

Sprint plan (example)

Sprint 1: menu UI and product cards. Sprint 2: cart and checkout. Sprint 3: admin pages and order listing.

4. Project Git Repository

Make sure your GitHub repository is under your GitHub username.

```
git clone https://github.com/your-username/your-repo.git
```

5. How to run project (local)

1. Clone project: `git clone <your-repo-url> && cd "Food order App"`
2. Open the site: double-click `index.html` OR run a static server: `python3 -m http.server 8000` and visit `http://localhost:8000`.

Useful pages: `index.html`, `menu.html`, `cart.html`, `checkout.html`, `login.html`, `signup.html`, `admin` pages.

Admin credentials (sample)

Username: **admin**

Password: **admin123**

Assumption: single admin and single regular user for the demo.

6. Directory structure

- `index.html`
- `aboutus.html`
- `menu.html`
- `cart.html`
- `checkout.html`
- `login.html`
- `signup.html`
- `admin.html`
- `addMenuItem.html`
- `deleteMenuItem.html`
- `viewOrders.html`
- `CSS/`
- `JS/`
- `Images/`
- `README.md`

7. Source code files (highlight)

- `index.html` — landing page
- `menu.html` — menu listing

- cart.html & checkout.html — cart and checkout
- login.html & signup.html — auth UI
- admin pages, CSS/ and JS/ folders

8. Output screenshots

Place screenshots in Images/ or docs/screenshots/: index.png, menu.png, cart.png, admin.png

9. Notes & Assumptions

- Static front-end demo: no server persistence included.
- Admin credentials above are sample defaults used for demo only.
- Assumption: only one admin and one user account exist for assignment testing.

10. Future work

- Implement backend (Java Spring Boot, Node/Express) and database.
- Add secure authentication and role-based access control.
- Add unit/integration tests and CI pipeline.

Document created from project files in the workspace. Replace placeholder repo URL and add screenshots as needed.