**Eat Smart
Software Requirements Specification For
Final Project Draft & Design**

Version 1.0

Revision History

Date	Version	Description	Author
10/05/2024	1.0	Initial Draft	Melido Enrique Bello Navarro Arber Krashi Esther Mallen Mohammad Mushfiqur Rahman
13/05/2024	1.0	Added backend and frontend packages	Melido Enrique Bello Navarro Arber Krashi Esther Mallen Mohammad Mushfiqur Rahman
14/05/2024	1.0	Finished adding contributions and touching on final details	Melido Enrique Bello Navarro Arber Krashi Esther Mallen Mohammad Mushfiqur Rahman

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1. Introduction

There is a growing need for quick and easy meal ordering and delivery services in today's hectic world. We are creating an advanced automated system for ordering and delivering food in order to meet this demand. The goal of this system is to provide a seamless experience for both the store's workers and its many customers.

The main goal of this project is to provide a comprehensive platform that enables food stores to post their menus online so that customers can easily browse, place orders, and receive food delivery. The system is made to accommodate several user roles, each with unique duties and responsibilities, guaranteeing a comprehensive and effective service.

2. Packages

a. Frontend

```
"packages": {
  "": {
    "name": "frontend",
    "version": "0.1.0",
    "dependencies": {
      "@emotion/react": "^11.11.4",
      "@emotion/styled": "^11.11.5",
      "@mui/icons-material": "^5.15.17",
      "@mui/material": "^5.15.17",
      "@testing-library/jest-dom": "^5.17.0",
      "@testing-library/react": "^13.4.0",
      "@testing-library/user-event": "^13.5.0",
      "axios": "^1.6.8",
      "firebase": "^10.11.1",
      "react": "^18.3.1",
```

```
      "react-dom": "^18.3.1",
      "react-router-dom": "^6.23.0",
      "react-scripts": "5.0.1",
      "web-vitals": "^2.1.4"
    },
    "devDependencies": {
      "tailwindcss": "^3.4.3"
    }
  },
```

b. Backend

```
"dependencies": {
    "cors": "^2.8.5",
    "dotenv": "^16.4.5",
    "express": "^4.19.2",
    "firebase": "^10.12.0",
    "firebase-admin": "^12.1.0",
    "morgan": "^1.10.0"
  }
}
```

3. Required System Features

a. <u>User Interface</u>: Provides a GUI: **Completed**

b. <u>Chef and Delivery Performance Management:</u> **Partially completed**

c. <u>Ordering Options:</u> 1) eat the food in the store, 2) pick up the dishes by themselves,or 3) by delivery. For 1) s/he needs to fix the available time and seating in the store; for case 1) and 2) s/he can only complain/compliment the chef. **Partially completed**

d. <u>Feedback and Complaints System:</u> **Completed**

e. <u>Chefs can be promoted or demoted base on points given</u>: **Partially completed**

f. <u>Account and Financial Management:</u> **Completed**

g. <u>Search and Ratings Display:</u> **Completed**

h. <u>Quality Control and Accountability for Importers:</u> **Partially completed**

i. <u>Creative Feature Development</u>: Nutrition Facts **Completed**

4. Contributions of Team Members

Melido Enrique Bello Navarro
- Frontend
- Backend

Arber Krashi
- Frontend
- Report

Esther Mallen
- Frontend
- Report

Mohammad Mushfiqur Rahman
- Frontend
- Backend
- Server
- Integrations

5. GitHub Repository

https://github.com/mrahman4782/Eat-Smart

- Reports are in the report branch
- The source code is in the master and temp branch. Each one is slightly different from the other.

6. Remarks and Suggestions

- Our firebase google account was locked out and closed by Google towards the end of the project. We had to rebuild a lot of our architecture.

- Although we had most of our backend and frontend built out, we faced a lot of issues in restricting various routing options to our users. Since a lot of us were from non-CS majors and very new to developing Full-Stack applications, it came as an unprecedented blow that we were spending all nighters on issues that initially appeared miniscule.

- Although we faced quite a few obstacles and did not finish our application like we intended to, we really appreciate the real-world learning experience provided by this class. Most of us had no idea what various important concepts/practices like middleware and server-side authentication were up until this project, so it was a very good eye-opener.

- Lastly, our biggest setback was that we planned too much and started programming too late. We did not have to watch and learn full frontend/ backend tutorials. If we started to code right away we would've met our deliverables and learned a lot more from the direct hands-on experience.