User and Operations Manual

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1. Preface

1.1. Purpose and Scope

This document outlines the User Manual for the Grocery Stop website, a platform designed to assist senior citizens in selecting and managing their grocery needs efficiently. It provides a comprehensive guide for users, administrators, and support personnel to understand and interact with the system effectively.

1.2. Structure of this Document

- Section 1 introduces the purpose and scope of this document and provides definitions and terminology.
- Section 2 offers an overview of the Grocery Stop website, explaining its purpose, usage, and relevance.
- Section 3 discusses the common features of the user interface.
- Section 4 elaborates on and provides detailed information regarding specific functions of the website.
- Section 5 focuses on project operations and setup guide.
- The Glossary explains relevant terms, and the Index allows for easy navigation.

1.3. Definitions, Acronyms, and Terminology

Item	Description/ Expansion
JWT	Json Web Token
UI	User Interface
API	Application Programming Interface
MongoDB	A NoSQL database used for data storage

2. Overview of the Project

The Grocery Stop website is a user-friendly platform designed to assist senior citizens in selecting and managing their grocery needs efficiently. It should be used when senior citizens want a convenient way to shop for groceries online, review their selections, and securely manage their shopping lists.

3. Common Features of the Software

- User-friendly navigation menus
- Secure login functionality using JWT tokens and cookies
- Shopping list management
- Sharing functionality
- Password Encryption for security.

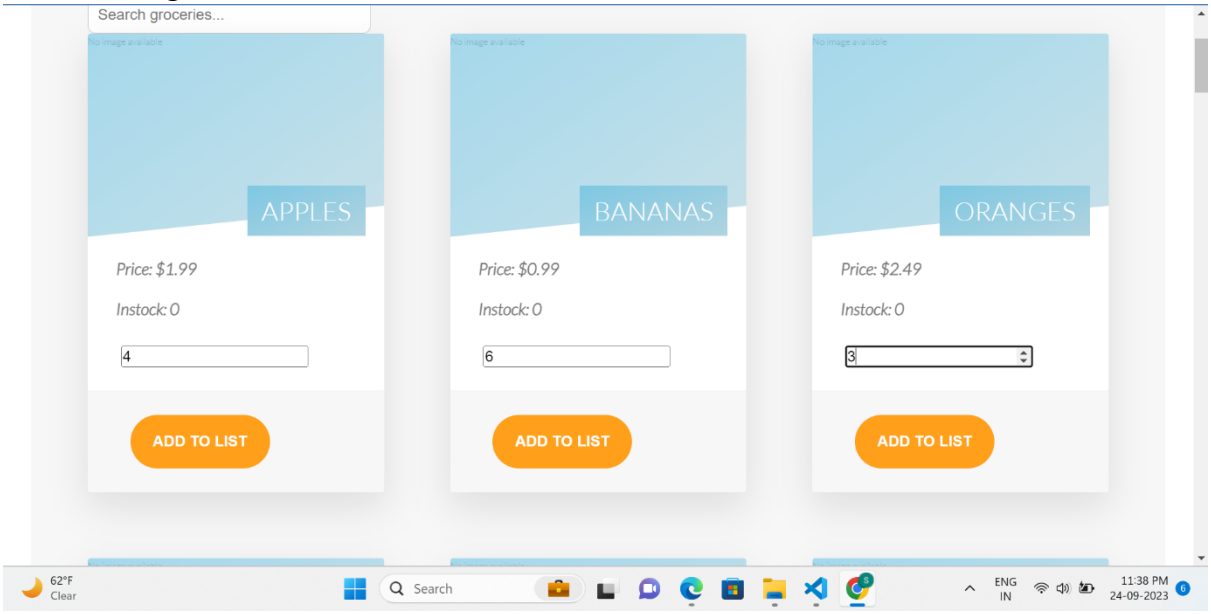
4. Grocery Selection Functionality

4.1 Overview

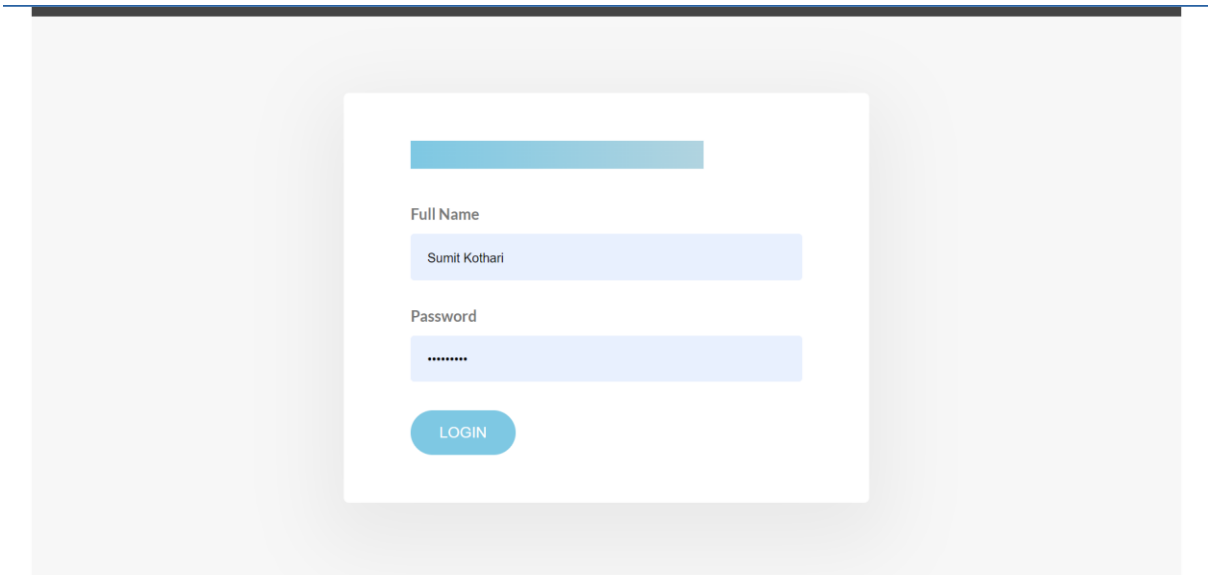
The Grocery Stop website allows users to select groceries efficiently. This section details the user interaction, screens, typical errors, flow, and internal processing involved in the grocery selection process.

Screens:

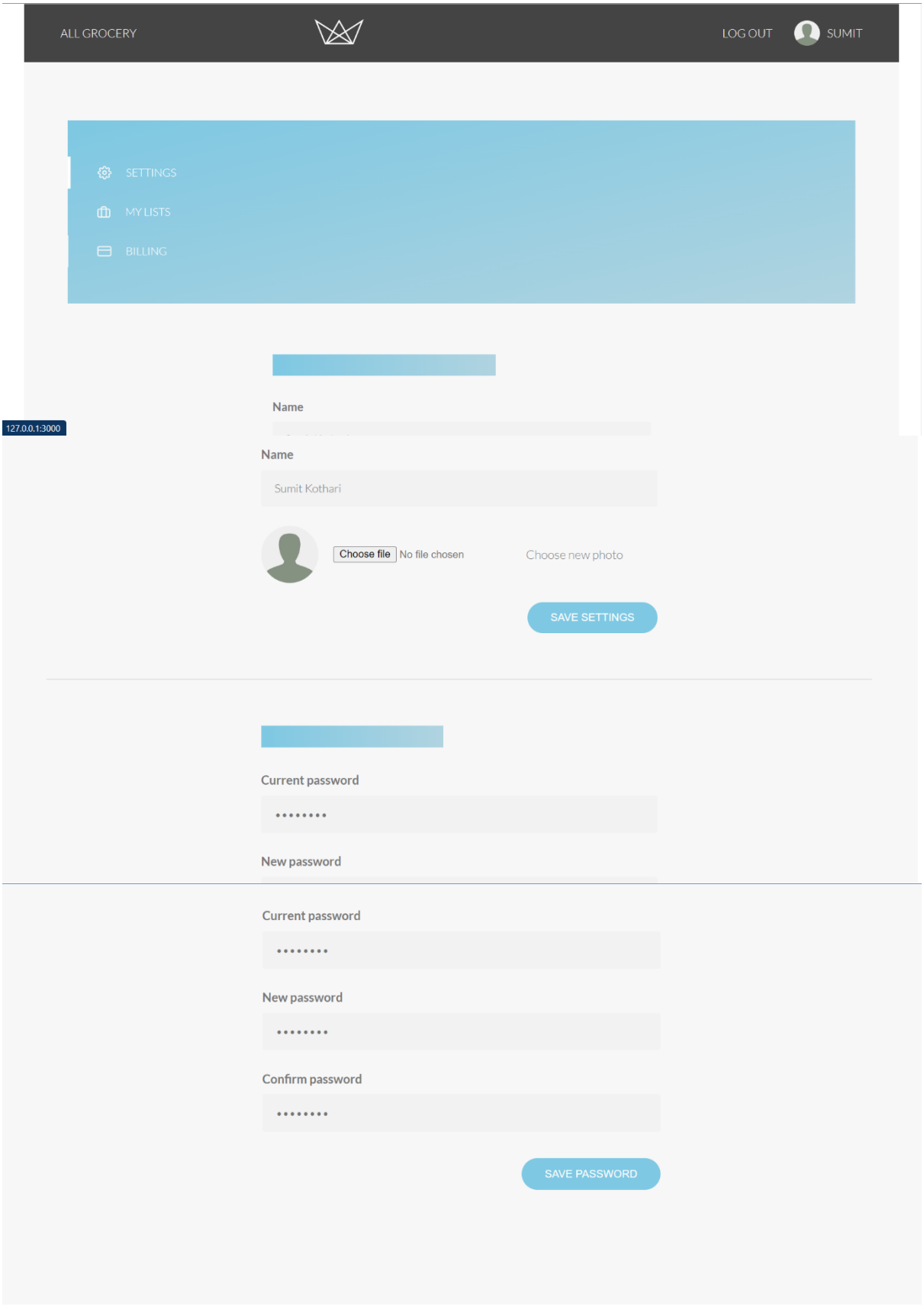
- Overview Page



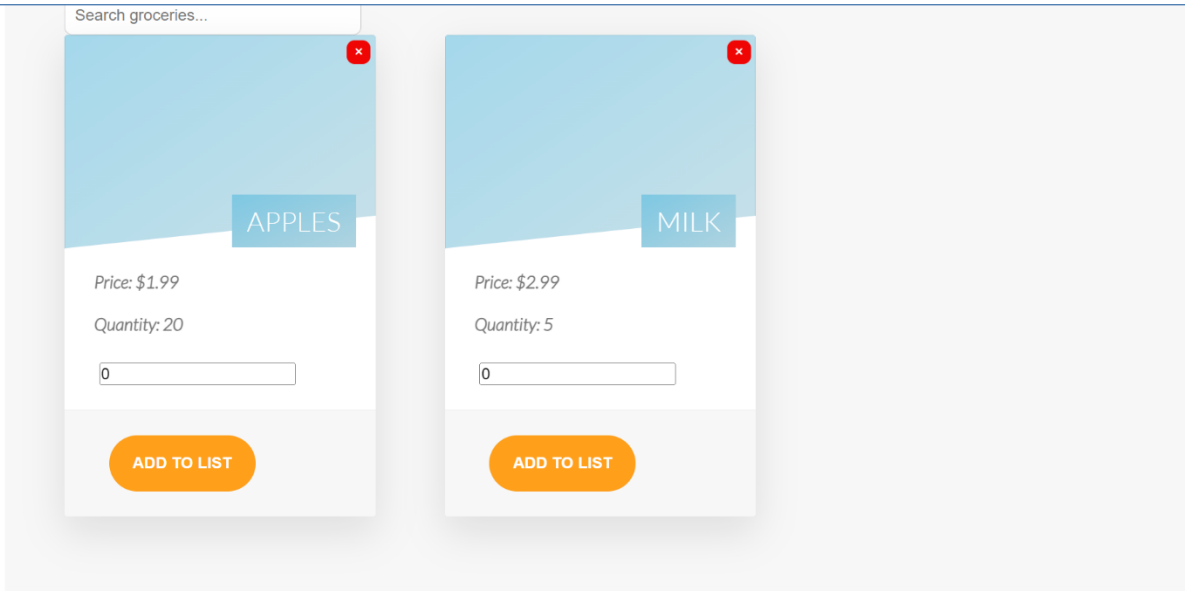
- Login Page



- Account Page


ALL GROCERY
LOG OUT
SUMIT
SETTINGS
MY LISTS
BILLING
127.0.0.1:3000
Name
Name
Sumit Kothari
Choose file
No file chosen
Choose new photo
SAVE SETTINGS
Current password
New password
Current password
New password
Confirm password
SAVE PASSWORD

- MyList Page



User Interaction:

- Signup using you name, email, and set password (senior citizen can set their birthdate as password for ease.)
- Log in to your account using JWT tokens for secure access.
- Browse or search for groceries.
- Select desired groceries and add them to your list.
- Review your list in list page.

Known bugs:

- The project currently experiences a technical issue related to dynamic search functionality, resulting in an error within the bundle.js file during the login process. As a temporary measure, the affected code has been commented out.

5. Operations Section

5.1. Installation:

- Download the repository
- Run npm install to download all dependencies of the project from package.json

5.2. Startup

- Run npm run watch:js to create bundle.js
- Update your configuration details in config.env
- Run npm start to start the project

6. Glossary

- **JWT (JSON Web Token):** A compact, self-contained way to transmit information between parties as a JSON object. In the context of this project, JWT is used for secure user authentication.
- **UI (User Interface):** The point of interaction between the user and the Grocery Stop website, including screens, menus, buttons, and other elements.

- **API (Application Programming Interface):** A set of rules and protocols that allow different software applications to communicate with each other. In this project, APIs may be used for various functionalities.
- **MongoDB:** A NoSQL database system used to efficiently store user, grocery, and list data for the Grocery Stop website.
- **Shopping Cart:** A virtual container that holds selected grocery items before the user proceeds to checkout and purchase.
- **Checkout:** The process of finalizing a purchase, which typically involves selecting payment methods and confirming the order.
- **User Privileges:** The specific permissions and access levels granted to users of the Grocery Stop website, determined by the system administrator.
- **Exception Handling:** The process of dealing with unexpected runtime problems, errors, or exceptions that may occur during the use of the website.
- **API Key:** A secret code or token used to authenticate requests to the website's APIs, ensuring secure data exchange.
- **Cookie:** A small piece of data stored on the user's device that helps maintain user sessions and avoid repeated logins.
- **Grocery Categories:** Groupings of grocery items based on their type, such as fruits, vegetables, dairy, etc.
- **User Profile:** Information associated with each user, including personal details, preferences, and order history.
- **Email Integration:** The feature that allows users to share their grocery lists via email using their registered email address.

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