**Project Name:Food Bar Management System**

**Project Overview:**

YumHub is a food-sharing web application developed using the MERN Stack (MongoDB, Express.js, React.js, Node.js). The main goal of YumHub is to minimize food waste by allowing users to share surplus food with others. It includes essential features like authentication, food management, search and filter, and request handling.

**Key Functionalities:**

**User Authentication System:** Sign in and sign up functionality using Firebase.

**Add Food:** Authenticated users can add food items to share.

**Food Request:** Users can request food posted by others.

**Search & Filter:** Users can search for food by name and filter by expiration date.

**Manage Own Food:** Users can view, update, or delete the food they’ve added.

**Handle Food Requests**: Users can manage requests they’ve received or made.

**Technologies & Packages Used:**

**Languages & Stack:** JavaScript, MongoDB, Express.js, React.js, Node.js

**Styling:** Tailwind CSS

**Routing:** React Router DOM

**Authentication:** Firebase

**HTTP Requests:** Axios

**UI Enhancements:**

React Icon

Framer Motion

Lottie-react

SweetAlert2

React-hot-toast

React Tooltip

React Select

Swiper

React Modal

React Helmet Async

**Member 1:Afia Morshed Afrah(C231541)**

**Authentication System(login,logout).**

Implemented user authentication system (Sign In / Sign Up)

Developed the food adding and request sending features

**Member 2:Rubiya Easmin (C231518)**

**Navigation Bar,Home Page,Routing.**

Built the food search by name and filter by expiration date features

Developed the functionality for users to manage their own food

**Member 3:Asfia Rashid (C231545R)**

**Created the food request management system.**

food card, food details, add food form,footer

Handled frontend UI/UX enhancements and integrated all used packages