



**COLLEGE OF COMPUTING, INFORMATICS AND MATHEMATICS**

**CDCS253**

**BACHELOR OF COMPUTER SCIENCE (HONS.) MULTIMEDIA COMPUTING**

**CSC584 – ENTERPRISE PROGRAMMING**

**GROUP ASSIGNMENT: USER MANUAL**

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## **1.0 INTRODUCTION**

Emergency Shelter Supplies Ordering & Booking via E-Commerce Platform helps non-governmental organizations (NGOs) and local governments manage and order emergency shelter supplies more efficiently. This platform streamlines the process of tracking inventory, placing orders, and arranging bookings, resulting in the timely and orderly delivery of crucial supplies during emergencies. By providing separate interfaces for administrators and regular users, the system encourages seamless operation and improves user experience. It attempts to increase stakeholder communication, transparency, and accessibility by centralizing critical information on supplies and shelter requirements to aid in effective disaster response and relief efforts.

## **2.0 PROBLEM STATEMENT**

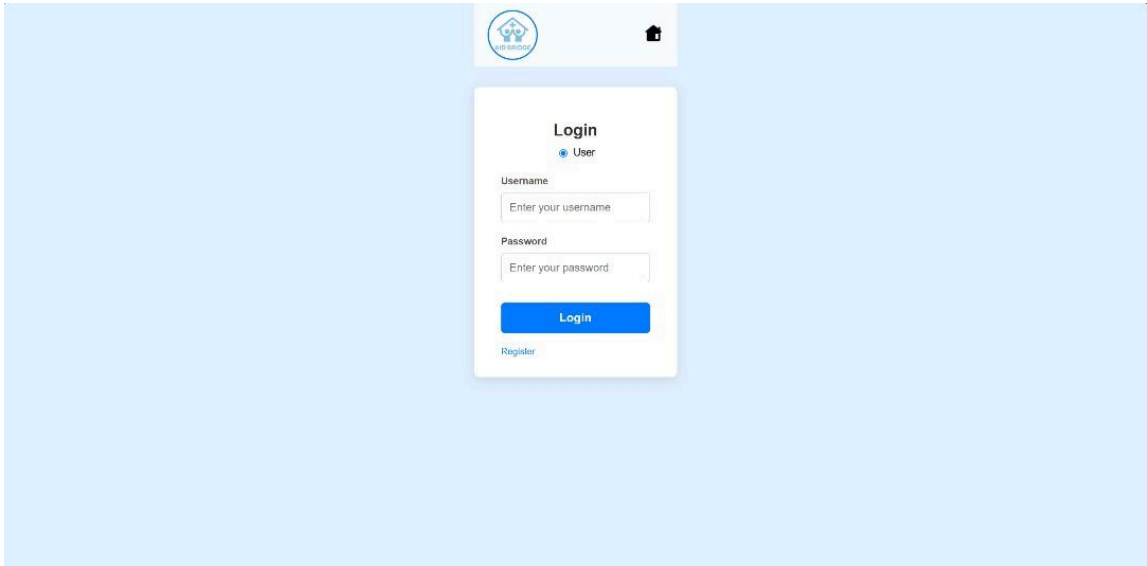
Current methods for managing and ordering emergency shelter supplies are often decentralized, inefficient, and lack real-time accessibility, creating significant challenges for NGOs and local authorities. Without a centralized platform, organizations struggle to track inventory levels, coordinate orders, and manage shelter bookings effectively. This can lead to delays in the delivery of critical supplies, inaccurate stock information, and miscommunication during emergency situations. Manual processes are time-consuming, prone to human error, and hinder timely decision-making, ultimately affecting the overall efficiency and responsiveness of relief efforts. The absence of a streamlined and user-friendly system limits the ability to provide fast, organized, and reliable support to those in need during disasters.

## **3.0 OBJECTIVE**

- To develop a user-friendly and efficient online platform for managing and ordering emergency shelter supplies.
- To enable NGOs and local authorities to easily track, order, and manage essential supplies in real time.
- To simplify the process of booking and coordinating supplies for emergency shelters.
- To allow administrators to add, update, and monitor supply inventory and booking records.
- To improve communication and coordination among different stakeholders during emergency situations.

## 4.0 DEMONSTRATION

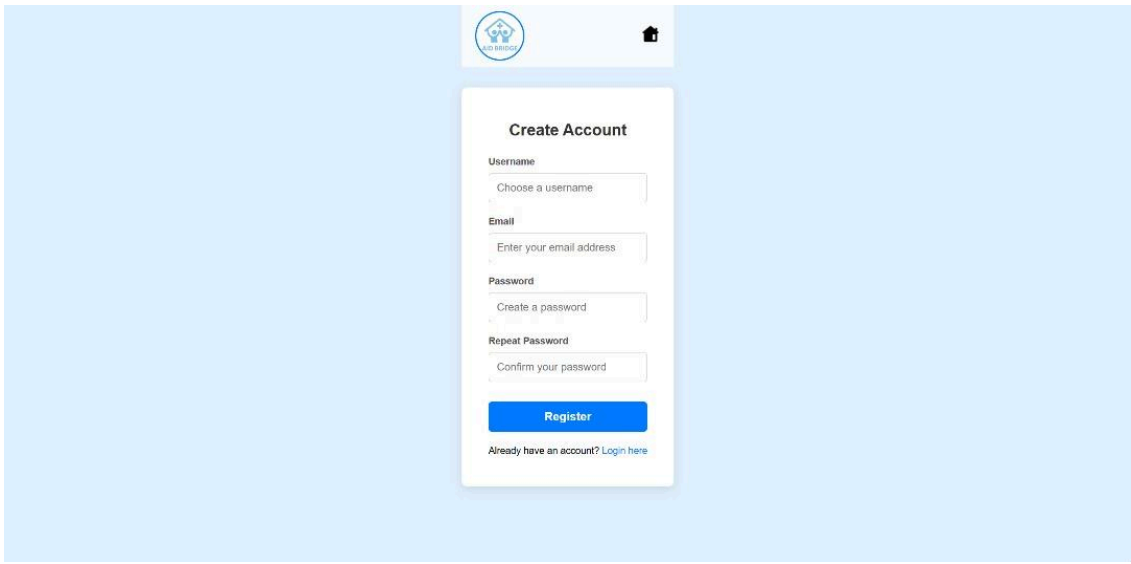
### 4.1 Login Page



The screenshot shows a login interface on a light blue background. At the top, there is a header bar with a circular logo on the left and a home icon on the right. The main content is a white card titled "Login". Below the title, there is a radio button labeled "User" which is selected. The card contains two input fields: "Username" with the placeholder text "Enter your username" and "Password" with the placeholder text "Enter your password". Below these fields is a blue "Login" button. At the bottom of the card, there is a link that says "Register".

Shows the login page where users must enter their username and password to access the system. New users can click on the “Register” button to create an account and gain access.

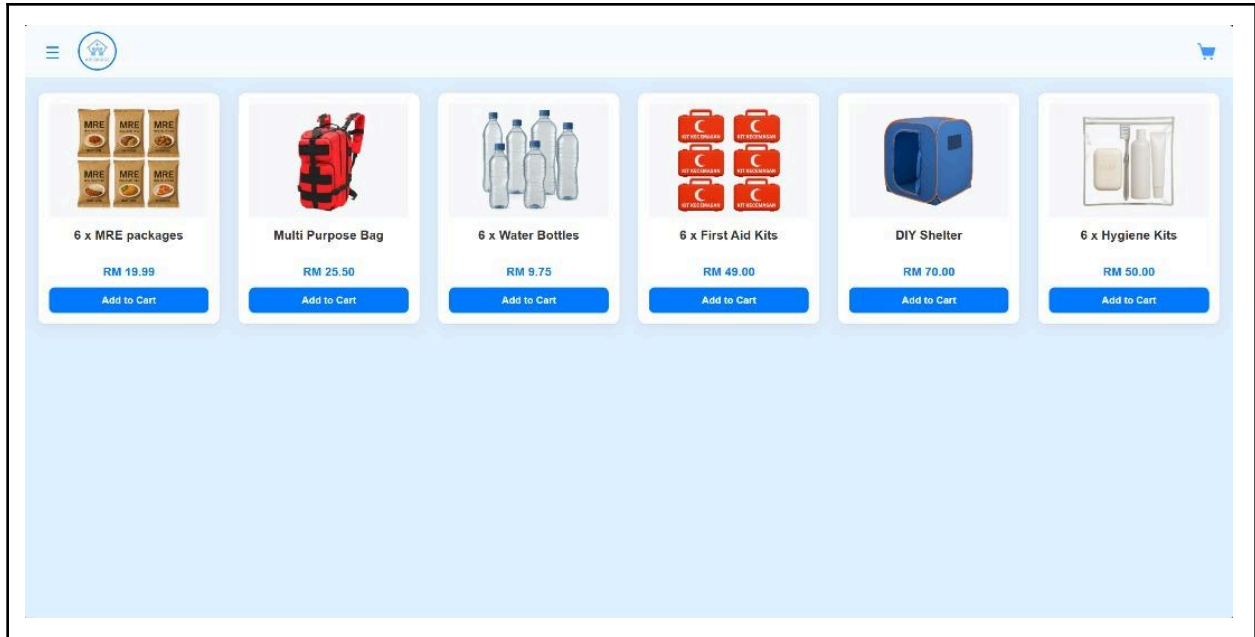
### 4.2 Register Page



The screenshot shows a registration interface on a light blue background. At the top, there is a header bar with a circular logo on the left and a home icon on the right. The main content is a white card titled "Create Account". Below the title, there are four input fields: "Username" with the placeholder text "Choose a username", "Email" with the placeholder text "Enter your email address", "Password" with the placeholder text "Create a password", and "Repeat Password" with the placeholder text "Confirm your password". Below these fields is a blue "Register" button. At the bottom of the card, there is a link that says "Already have an account? Login here".

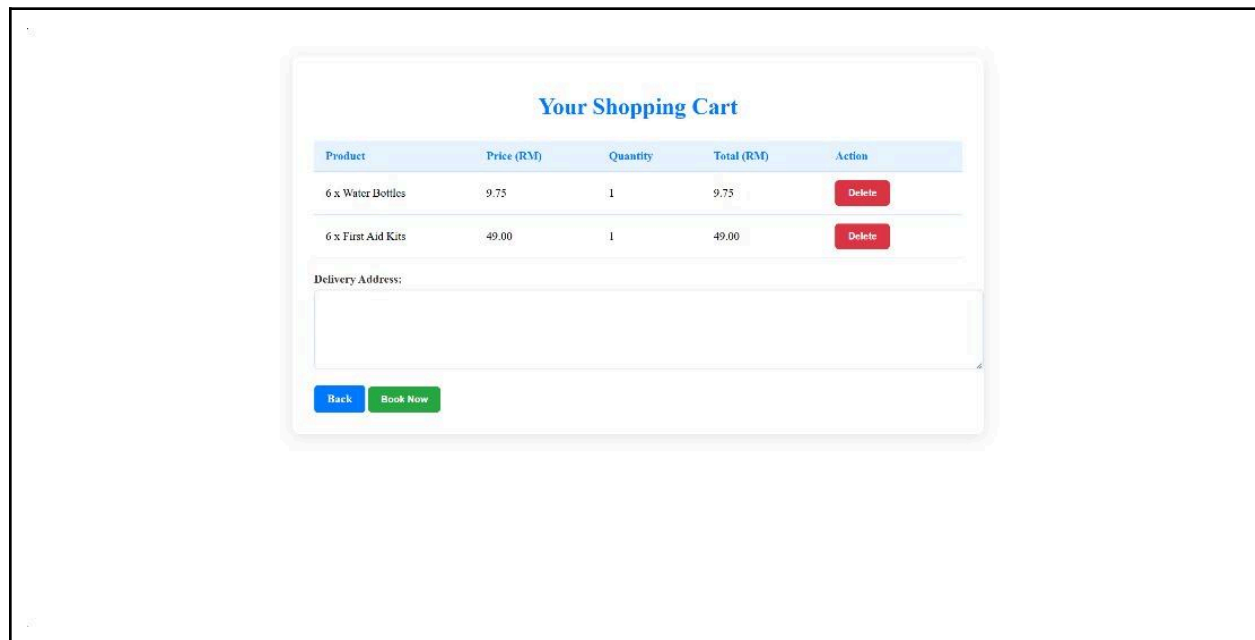
Shows the Register Page where users can create a new account by entering their required information. After registering, they can return to the login page and access the system.

### 4.3 Main Menu Page



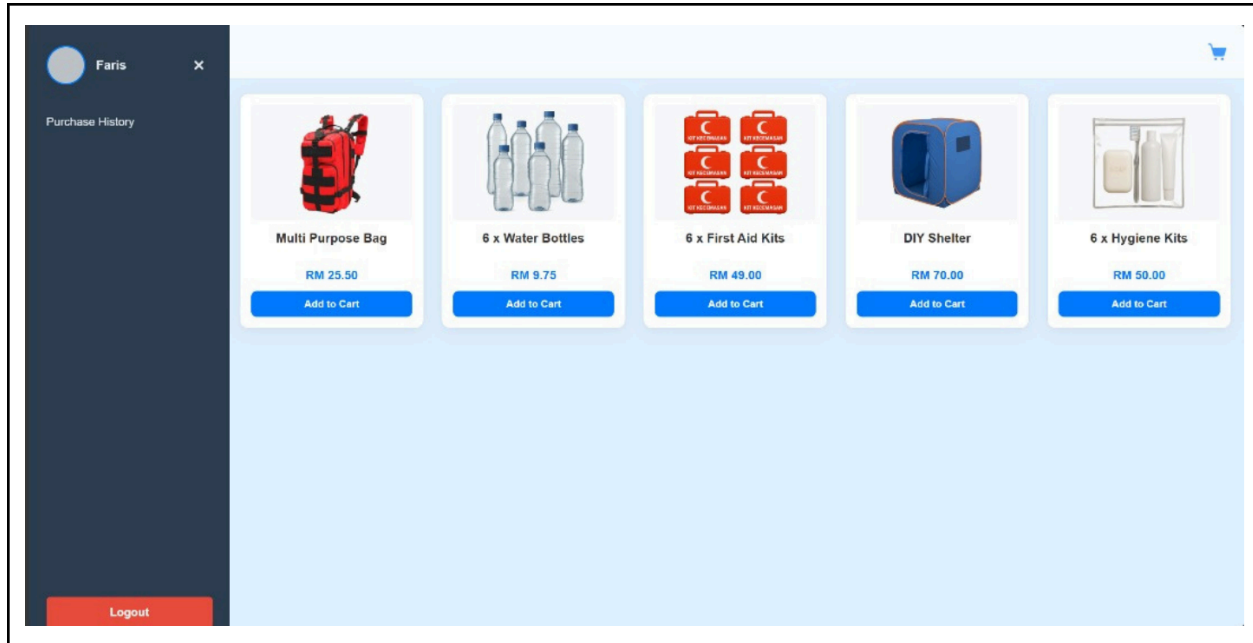
Shows the Main Menu Page, allowing users to browse available emergency supplies and add items to their cart.

### 4.4 Shopping Cart Page



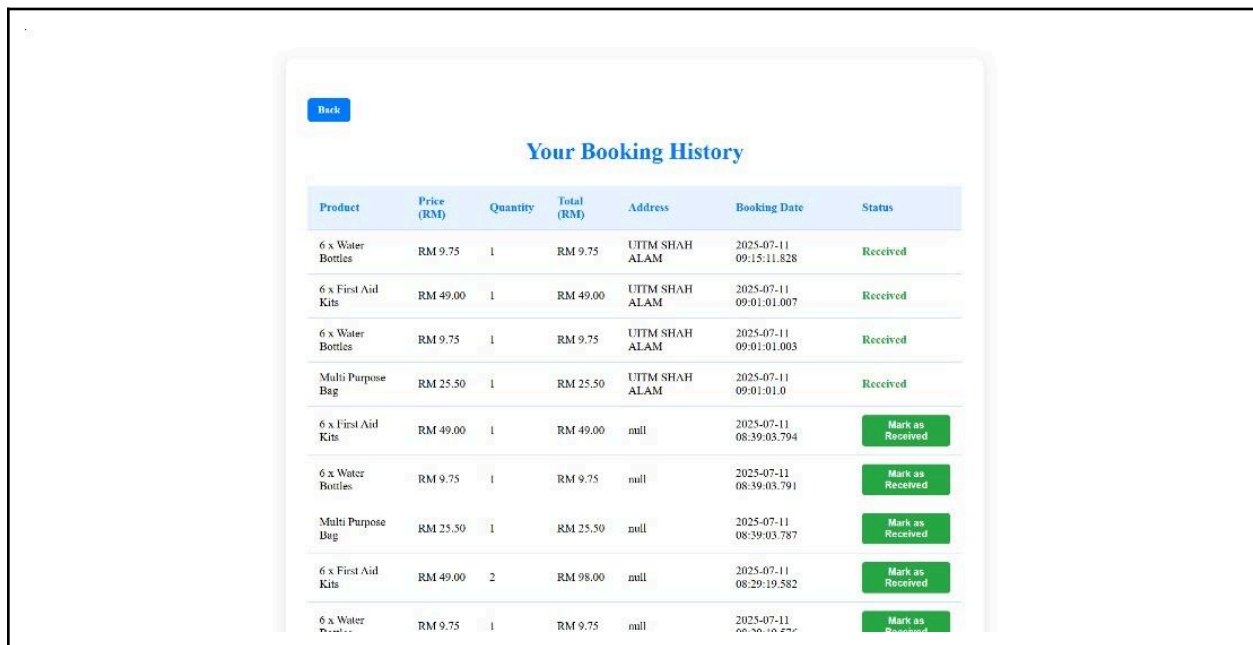
Shows the Shopping Cart Page where users can review their items, remove items they no longer want, and are required to enter their address before clicking the "Book Now" button to finalize the purchase.

## 4.5 Side Navigator



Shows the Side Navigator, where it shows the User's Username, a link to the Booking History Page, and a Button to log out.

## 4.6 Booking History Page



Shows the Booking History Page, where they can view a record of their past purchases, and are able to mark items as received once the items have arrived.

## **5.0 CONCLUSION**

The Emergency Shelter Supplies Ordering & Booking via E-Commerce Platform offers a comprehensive solution for improving the management and distribution of essential supplies during emergencies. By providing a centralized, user-friendly, and efficient system, it empowers NGOs and local authorities to coordinate resources more effectively and respond swiftly to urgent shelter needs. The platform's ability to streamline inventory tracking, order placement, and booking management not only enhances operational efficiency but also ensures timely support for affected communities. As a result, this system contributes to stronger disaster preparedness and a more resilient and responsive emergency relief infrastructure.