Store Products Management System
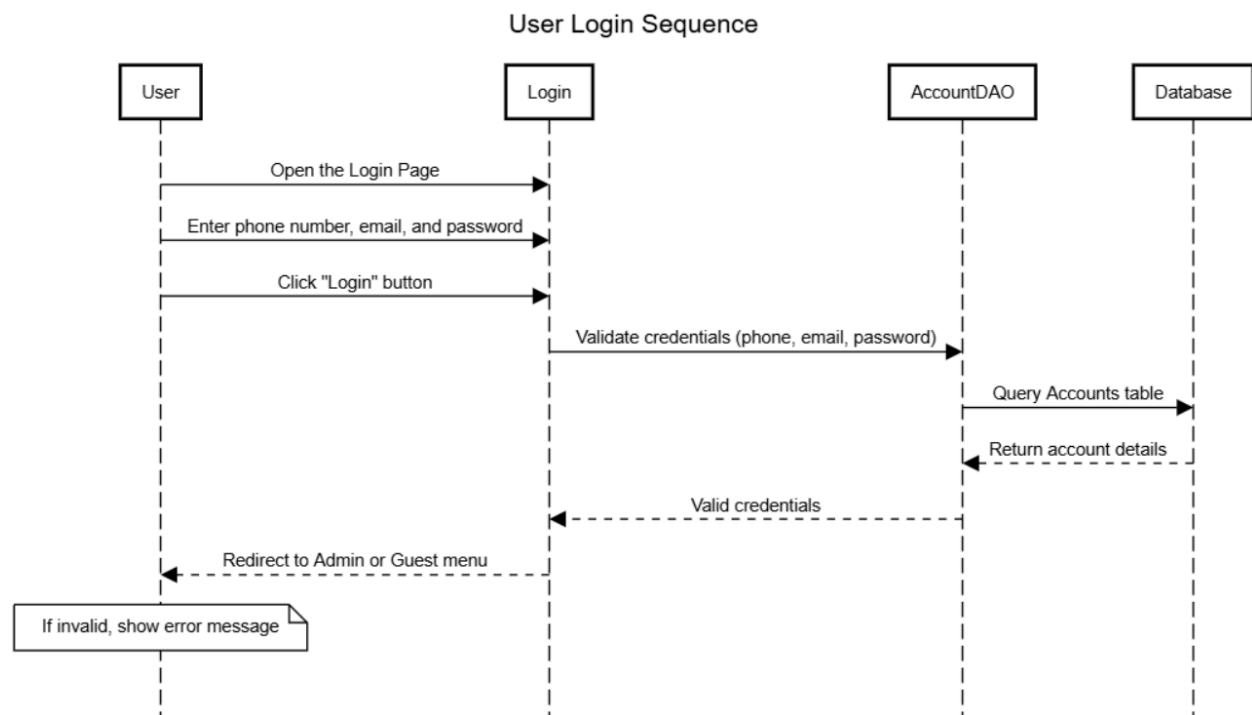
Project Description

We are developing the Store Products Management System, an application that simplifies the management of a store's core operations, Like products management, billing, and user account administration. Our system allows staff to handle tasks like adding, editing, and deleting products and managing user accounts with different roles (Admin and Guest).
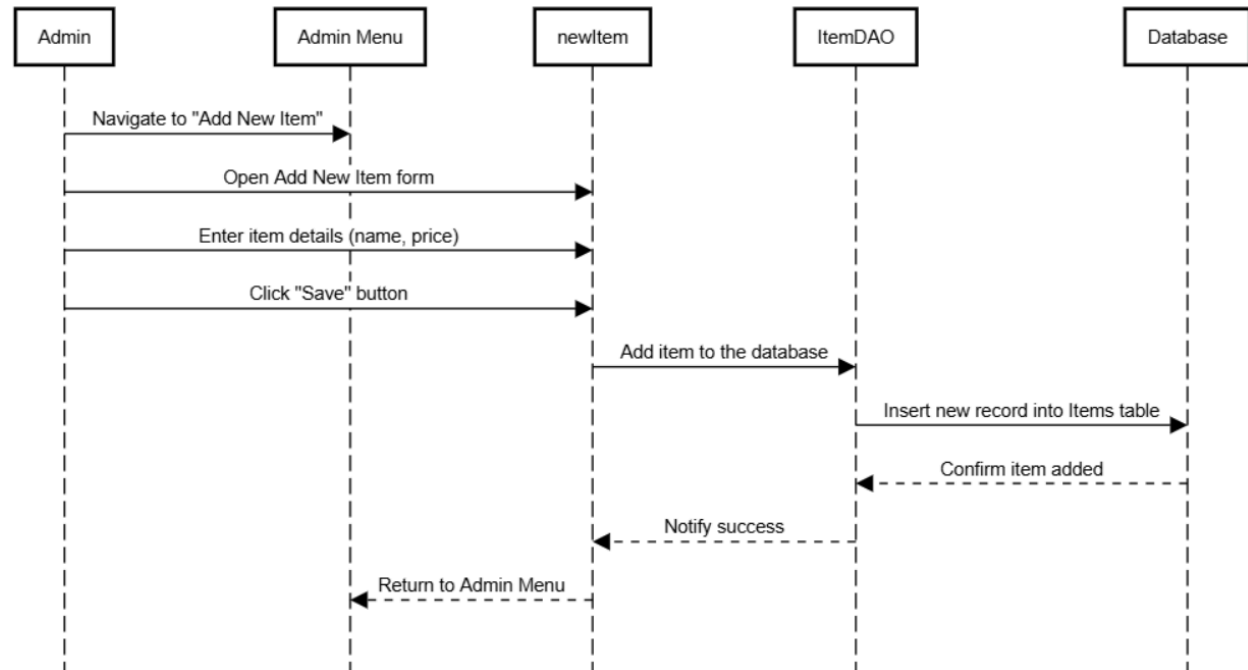
Overview

Our System's primary goal is to develop an accessible application that helps store staff manage products and accounts while reducing manual, repetitive tasks. Admins will be able to update the products and manage user accounts, while guests can view products and potentially place orders.

Sequence Diagram

User Login Sequence

Store Products Management System

Admin Adds New Item

Admin	Admin Menu	newItem	ItemDAO	Database

Navigate to "Add New Item"

Open Add New Item form

Enter item details (name, price)

Click "Save" button

Add item to the database

Insert new record into Items table

Confirm item added

Notify success

Return to Admin Menu

Guest Adds Item to Cart

Guest	Guest Menu	MenuPage	Cart	Database

Navigate to "Show Menu"

View available items

Click "Add to Cart" for an item

Add item to cart

Insert new record into Cart table

Confirm item added

Notify item added

Update UI to reflect cart status

Cart updated with the selected item