📓 Project Documentation – Gym-Management-App

📌 General Description

Gym-Management-App is a full-stack application designed to manage members of a fitness center. It offers features such as:

- Registering new members
- Renewing memberships
- Viewing and managing data through an intuitive interface
- Managing personal information and subscription types

🛠 Technologies Used

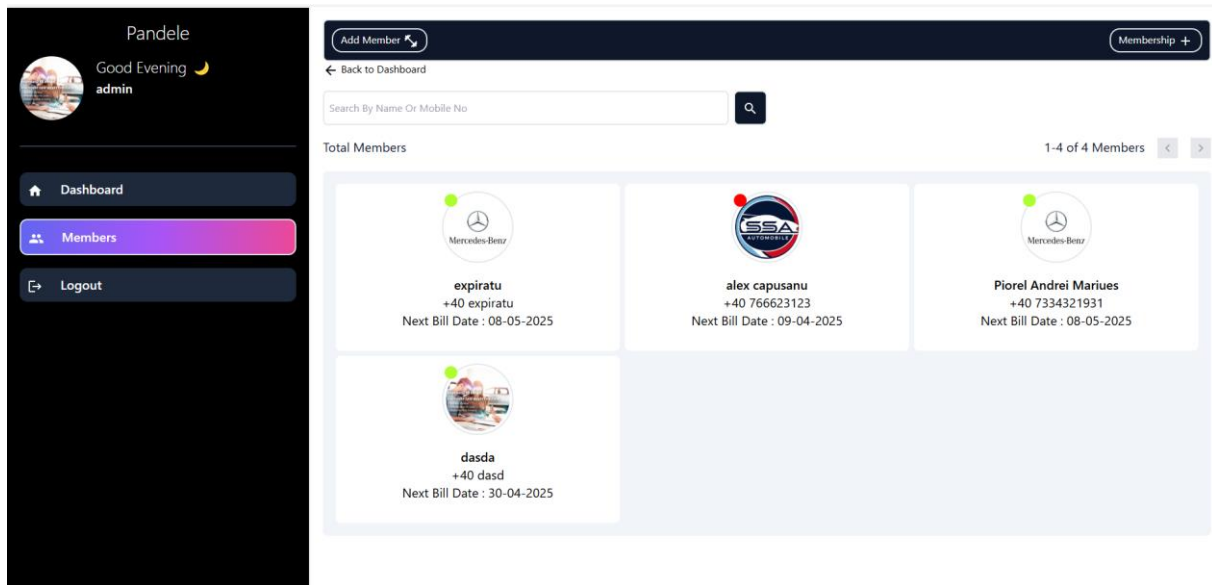| Component	Technology
Frontend	HTML, CSS, JavaScript
Backend	PHP, MySQL
Database	MySQL
Other Tools	Bootstrap, XAMPP, PhpMyAdmin

📑 Main Features

1. Main Dashboard

Displays an overview of the members, the number of active and expired subscriptions, etc.
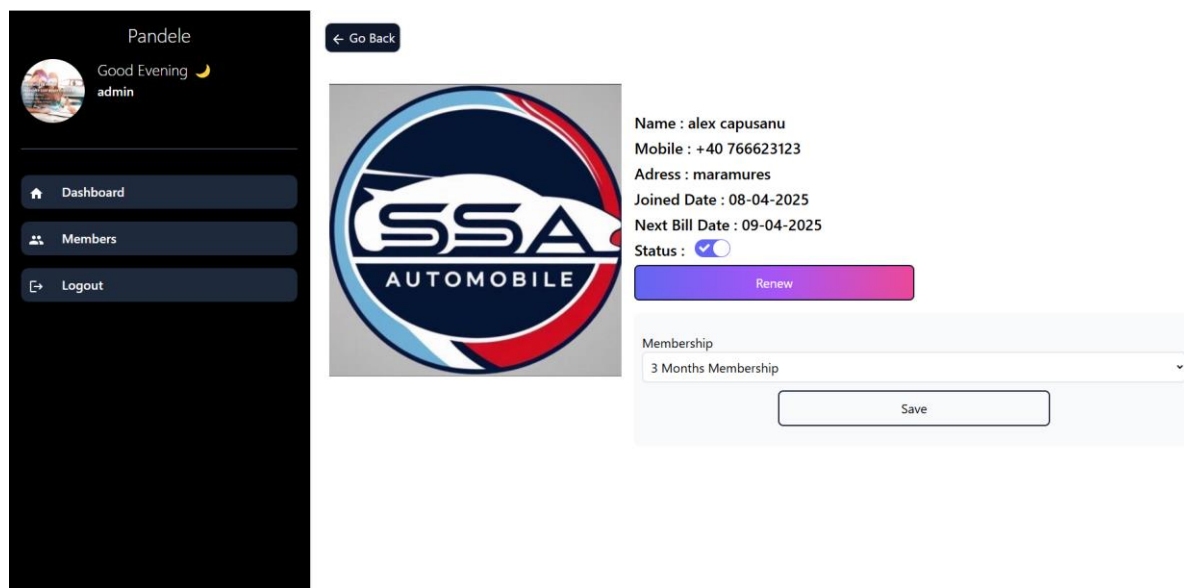
2. New Member Registration

Form used by the administrator to register a new member, filling out details such as name, surname, email, phone number, membership type, start date, etc.
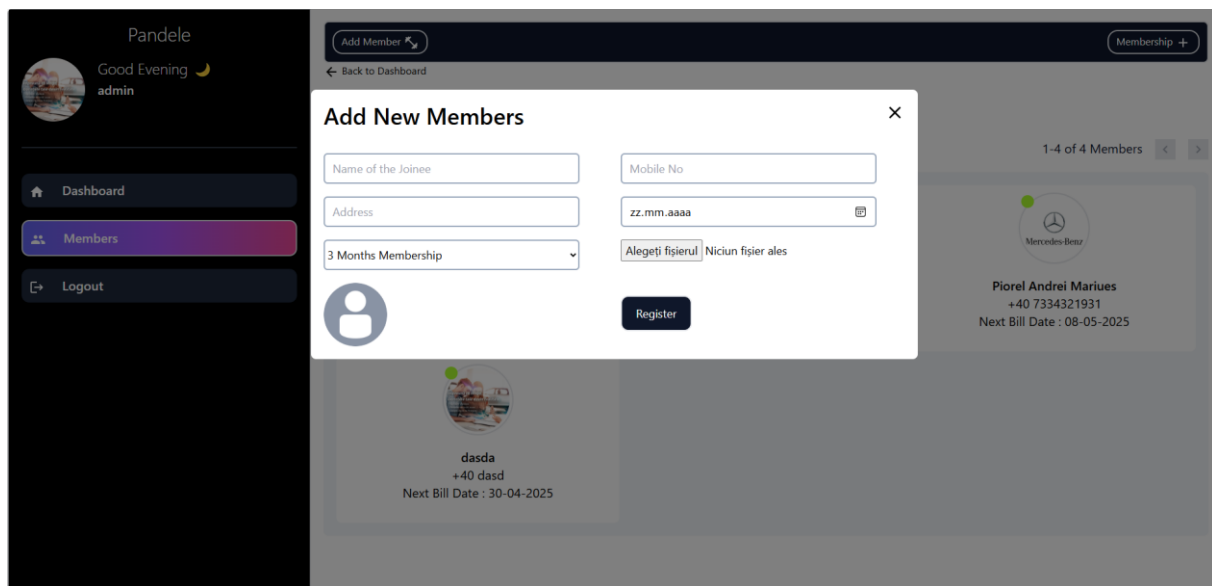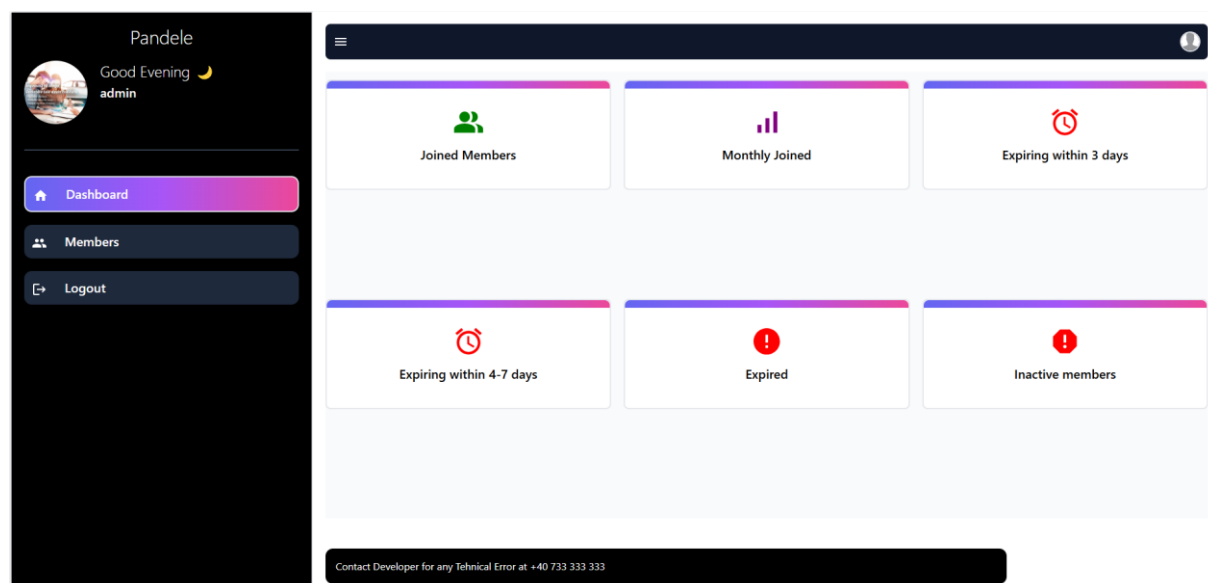

3. Membership Renewal

Feature that allows the administrator to renew a member's subscription with a single click.

4. Expired Membership Validation

Automatically checks the expiration date of the membership. Members with expired subscriptions are highlighted.

## 5. Admin Authentication (Log In) + Admin Registration (Sign Up)

A login system that allows access to the dashboard only for authenticated users. The username and password are verified from the database.

If there are no existing admin accounts, the app allows registering a new one (e.g., on first run). The registration form includes name, email, username, and password – which is encrypted before storing in the database.
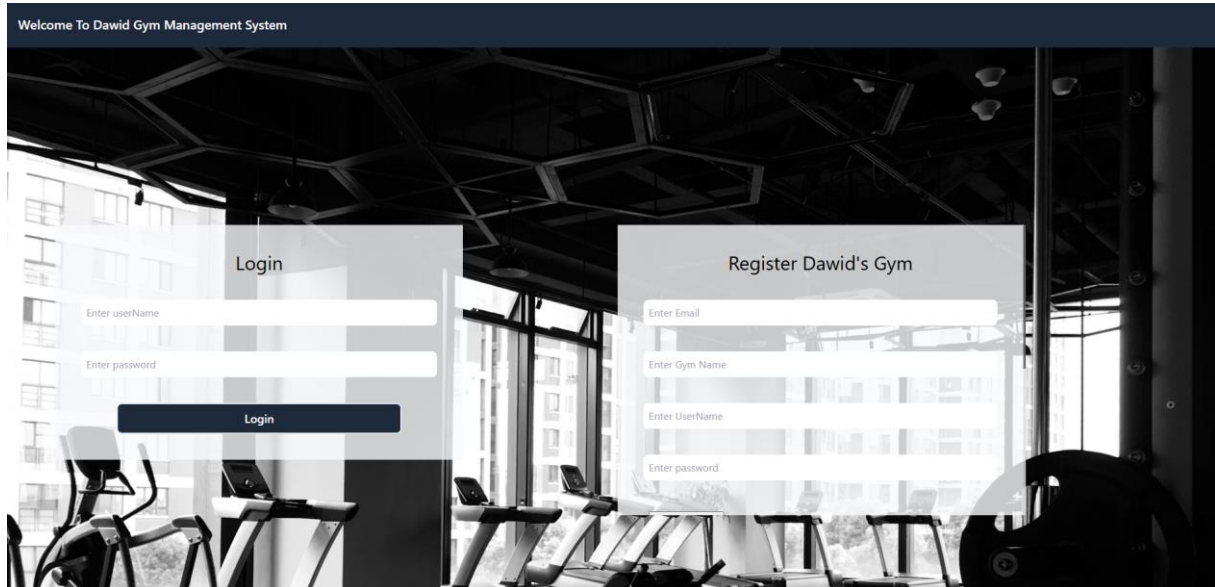
6. Password Recovery (Forgot Password) + OTP

If an administrator forgets their password, the application provides a recovery option using an OTP (One-Time Password). The admin enters their registered email address, receives a temporary code, and can then reset the password. The new password is encrypted and updated in the database.
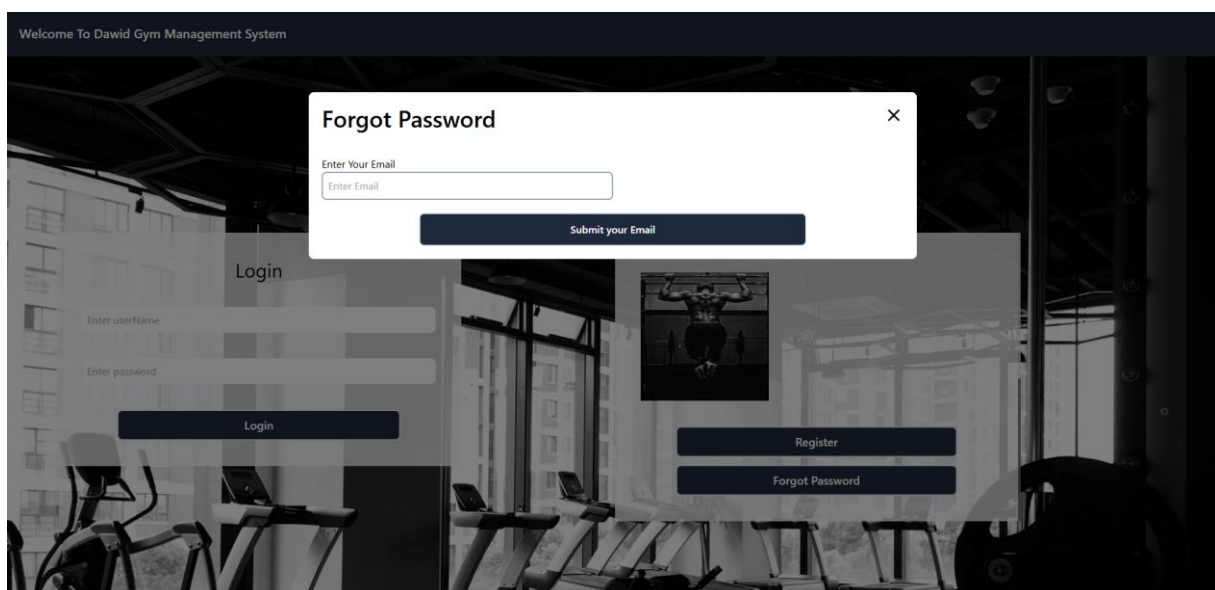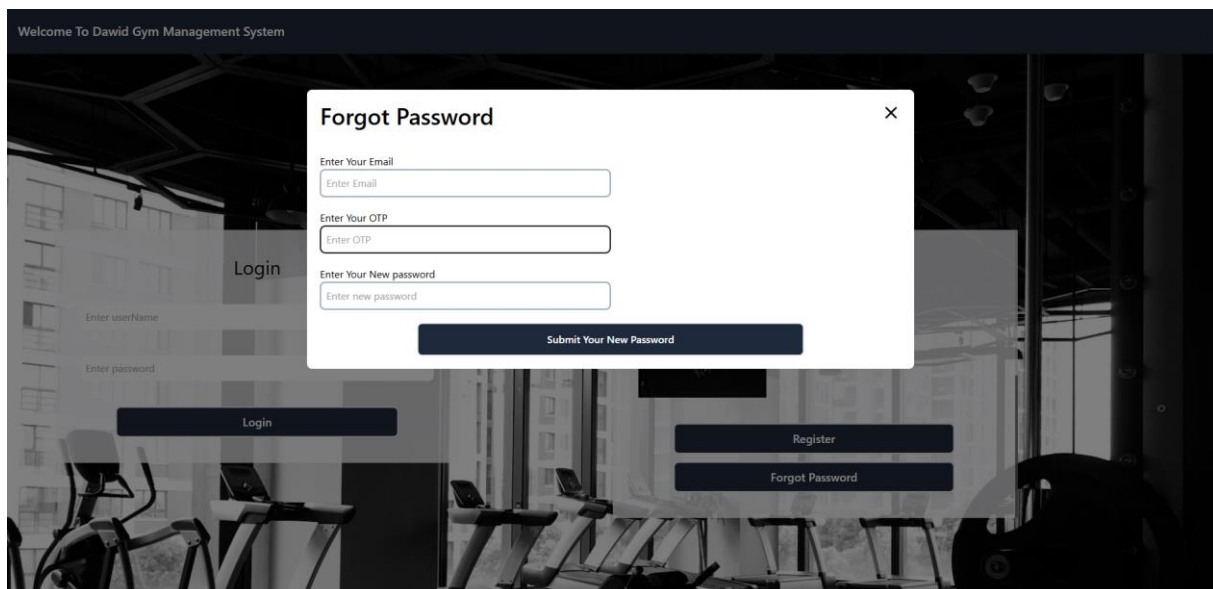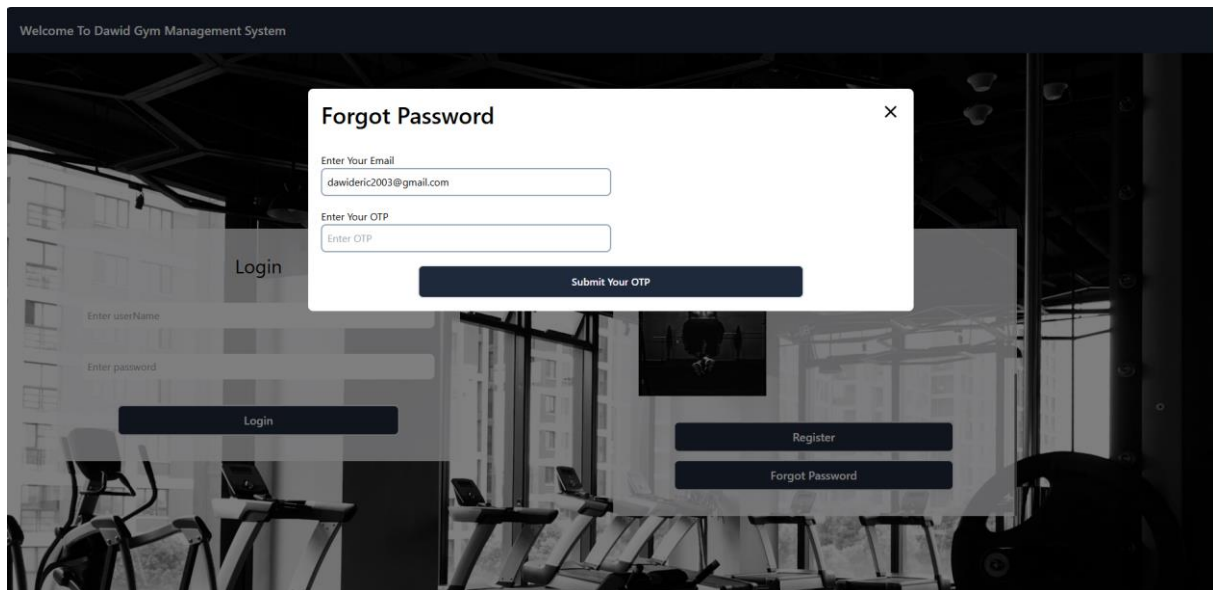
☑ Conclusions and Possible Improvements

- The app covers all essential features for managing a fitness center

- A notification system for upcoming expirations could be added

- Possibility to generate monthly reports or export data to Excel

- Responsive design for mobile accessibility

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