BOARDING-HOUSE MANAGEMENT SYSTEM

USER-SIDE

LOGIN/REGISTER WINDOW

- User login
  - o **LOGIN WINDOW**
  - o Username, password, reset password
- Register (ADMIN-MANAGED)
  - o **REGISTER WINDOW**
  - o User image (JPG, PNG)
  - o Basic information (Name, Age, Address, Gender, Contact number, Email)
  - o Tenant credentials (username and password) are generated and sent to their email for login.

MAIN WINDOW

- **DASHBOARD**
  - o Welcome message
  - o Tenant Information
    - ▪ Current boarding house
    - ▪ Move-in date
    - ▪ Lease expiration date
  - o Payment status
    - ▪ Upcoming payments due
    - ▪ Last payment date
    - ▪ Total rent paid
  - o Upcoming notifications
    - ▪ Payment reminders
    - ▪ Upcoming maintenance schedules
    - ▪ Important announcements from the admin
- **PROFILE MANAGEMENT**
  - o View personal information (name, address, contact).
  - o Update password and contact details.
  - o Upload or update profile picture.
- **RENT PAYMENT**
  - o View balance and payment history.
  - o Option to make payments directly through the app.
  - o Export bill as PDF
- **MAINTENANCE REQUEST**
  - o Submit service requests for repairs or maintenance.

- o   Track status of requests.
- **COMMUNICATION**
  - o   In-app messaging feature to communicate with the admin for inquiries, feedback, or concerns.
- **NOTIFICATIONS**
  - o   Alerts for new messages, payment reminders, maintenance updates, or other important announcements.

ADMIN/MANAGER-SIDE

SAME APPLICATION TO THE USER

LOGIN WINDOW

- Admin login
  - o   **LOGIN WINDOW**
  - o   adminID
  - o   password

MAIN WINDOW

- **DASHBOARD**
  - o   Welcome message
  - o   SUMMARY OVERVIEW
    - Total number of tenants
    - Total number of boarding houses
    - Number of pending maintenance requests
    - Total rental income for the current month
  - o   MAINTENANCE REQUESTS (icon)
    - Total pending requests
  - o   NOTIFICATIONS AND ALERTS
    - Messages, payments etc.
- **MANAGE TENANTS**
  - o   View a list of all tenants with details (name, boarding house, payment status).
  - o   Add/Edit/Delete tenant profiles.
  - o   Send login credentials to tenants via email upon account creation.
- **MANAGE BOARDING HOUSES**
  - o   View a list of all boarding houses with details.

- o   Add/Edit/Remove boarding houses, including updating amenities and policies.
- **PAYMENT MANAGEMENT**
  - o   Access a list of payments made by tenants.
  - o   Generate invoices for rental payments.
  - o   Monitor payment history, including late payments.
- **MAINTENANCE REQUESTS**
  - o   View and manage maintenance requests submitted by tenants.
  - o   Update request statuses and communicate with service personnel if needed.
- **COMMUNICATION**
  - o   In-app messaging feature to communicate with the tenants.
- **REPORTS AND ANALYTICS**
  - o   Generate reports on total revenue.