**RentEase - A Simplified Flat Rental Management System**

**Introduction (1 minute)**

* **Greeting:** "Good afternoon, everyone. My name is Viorel, and today I’ll be presenting my JavaScript project, *RentEase*."
* **Project Overview:** "RentEase is a flat rental management system designed to streamline the process of managing users and user’s flat listings. This application includes core functionalities like user registration, login, password reset, managing listings, and handling user profiles all while ensuring ease of use."

**Folder structure**: project folder structure is well-organized, with each major feature of the application is separated into its own directory.

**Page Walkthrough (3 minutes)**

1. **Register Page** (30 seconds):
   * *Purpose:* "The register page allows new users to sign up for the platform."
   * *Key Features:*
     + Real-time field validation for name, email, password strength, and confirmation.
     + Storing user details in local storage.
   * *Demo:* Walk through a quick registration process, highlighting form validation.
2. **Login Page** (30 seconds):
   * *Purpose:* "After registration, users can log into the platform using their credentials."
   * *Key Features:*
     + Email and password validation.
     + Password reset option for forgotten passwords.
     + Session management for logged-in users (auto logout after 60 minutes).
   * *Demo:* Show logging in with the registered account and invalid login attempt handling.
3. **User Management Page** (30 seconds):
   * *Purpose:* "This page allows logged-in users to update their personal profile information, such as name, email, password, date of birth."
   * *Key Features:*
     + Securely updating user details.
   * *Demo:* Show updating user information and session expiry handling.
4. **Password Reset Page** (30 seconds):
   * *Purpose:* "If users forget their password, they can reset it via this page."
   * *Key Features:*
     + Email verification.
   * *Demo:* Quickly show the reset flow, explaining the email verification logic.
5. **Homepage** (30 seconds):
   * Homepage Purpose: "Once logged in, users are taken to the homepage where they can see their favorite flats. Users can unmark flats as favorite if needed.”
   * . *Key Features:*
     + Displays all favorite flats added by user.
     + Flat management: users can unmark flats as favorite.
6. **New Flat Page** (1 minute):
   * *New Flat Purpose:* "This page allows users to list new flats available for rent. Each new flat is automatically added to user’s favorite flats.”
   * *Key Features:*
     + Form validation for property details such as address, rent, and description.
     + Real-time feedback when inputting information.
   * *Demo:* Show adding a new flat listing, and then redirecting to the homepage.
7. **All Flats Page** (30 seconds):
   * *Purpose:* "Here, users can browse all listed flats, which are displayed dynamically from storage."
   * *Key Features:*
     + Displays all flats added by user.
     + Flat management: users can mark or unmark flats as favorite or delete them.
     + Simple filtering or searching functionalities.
   * *Demo:* Navigate to this page, highlight how the listing works, and display sample flats.

**Conclusion (1 minute)**

* **Future Enhancements:** "Some future improvements could include integrating a backend database for persistent storage, adding authentication layers, and incorporating more advanced features like online payment integration."
* **Thank You & Q&A:** "Thank you for your attention! I’d be happy to answer any questions you might have or walk through any part of the demo again."

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