Use Case ID : 1

Use Case Description: User Login

Title: User Login

Actors:
- Primary Actor: User
- Secondary Actor: Auth API, Database

Preconditions:
- The user must have an active account in the system.
- The user must have access to the login page.

Postconditions:
- Success: The user is successfully authenticated and redirected to the home page.
- Failure: The authentication process fails, an error message will be displayed to the user.

Primary Path:
1. The user navigates to the login page.
2. The user fills in the credentials form.
3. The user sends the credentials to Auth API.
4. The Auth API authenticates the user.
5. The Auth API returns the user credentials.
6. The system redirects the user to the home page.

Alternative Paths:
1. After Step 4 System creates an OTP 5-digit code
2. Auth API sends the OTP code via email to the user.
3. User will send the OTP code to the Auth API via OTP form.
4. The Auth API authenticates the OTP code.
5. Continues to Step 6.

Exceptional Paths:
- Invalid Credentials: If the user enters incorrect credentials, the system displays an error message.
- Invalid OTP: If the user enters incorrect OTP code, the system displays an error message.
- System Error: If there is a system error during the creation process, the system displays an error message.