EXP No: 5b
Simulate the life cycle stages for UI design using the RAD model and develop a small interactive interface using OpenProj

AIM:

The aim is to recreate the lifecycle stages of UI design using the RAD model and design a small interactive interface with OpenProj.

PROCEDURE:

Step 1: Requirements Planning

Gather Requirements

Identify features: Login and Register screens with debug logs.

Define Use Cases

Example Use Cases:

User logs in with valid credentials

User registers with a new account

Step 2: User Design

Sketch Initial Designs

Create rough paper sketches of the Login and Register screens.

Create Digital Wireframes

Use Figma, Sketch, or any wireframing tool to design the UI.

Example Screens:

Login Screen: Username, Password fields, Login button, Register link

Register Screen: Username, Email, Password, Confirm Password fields, Register button

Step 3: Rapid Prototyping

Develop Prototypes

Convert wireframes into clickable, interactive prototypes using tools like Axure RP.

Test Prototypes

Share with stakeholders, gather feedback, and refine the design.

Step 4: User Acceptance/Testing

Review Prototype

Conduct reviews with stakeholders to assess functionality and design.

Conduct Usability Testing

Perform tests with users to evaluate ease of use and collect improvement suggestions.
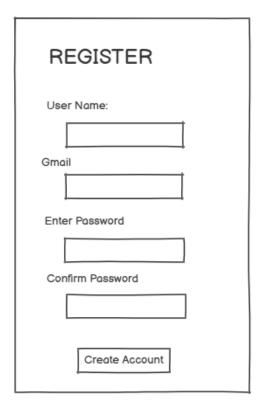
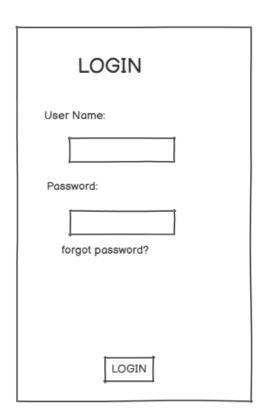Step 5: Implementation

Develop Functional Interface

Build the final Login/Register interface using the approved design.

Integrate Backend (if required)

Connect to backend services for login/authentication.

OUTPUT:

RESULT:

Successfully designed and implemented a simple interactive Login/Register interface using the RAD model using OpenProj.