Exercise 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:

Tool Link: https://sourceforge.net/projects/openproj/

Step 1: Requirements Planning

1. Gather Requirements:

Identify key features and functionalities needed for your interface.

with debug logs.

- 2. Define Use Cases:
 - Specify use cases for user login and registration account.
 - Create a new project.
 - Add tasks
 - Set durations and dependencies for each task.

Step 2: User Design

- 1. Sketch Initial Designs:
 - Draw rough sketches of the Login and & Register screens on paper.
- 2. Create Digital Wireframes:
 - Use a tool like Figma or Sketch to create digital wireframes.

Step 3: Rapid Prototyping

- 1. Develop Prototypes:
 - Use a tool like Axure RP to convert wireframes into interactive prototypes.
- 2. Test Prototypes:
 - Share prototypes with stakeholders for feedback.
 - Collect feedback and iterate on the design.

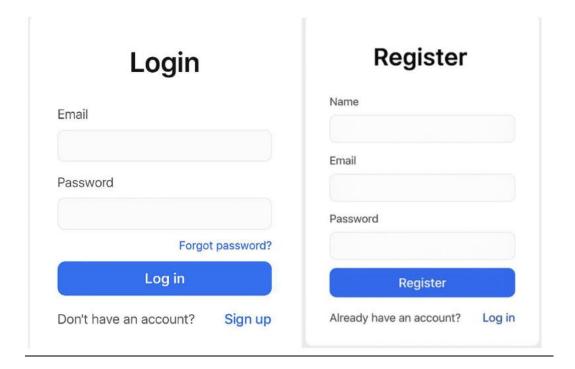
Step 4: User Acceptance/Testing

- 1. Review Prototype:
 - Conduct user and stakeholder reviews.
- 2. Conduct Usability Testing:
 - Perform usability testing and document feedback.

Step 5: Implementation

- 1. Develop Functional Interface:
 - Implement final designs and functionalities based on feedback.
- 2. Integrate Backend (if required):
 - Connect the UI with backend services for tasks like user authentication.

OUTPUT:



RESULT:

Demonstration of the lifecycle stages of UI design via the RAD model and development of a small interactive interface employing OpenProj has been successfully completed.