

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.
- Example: A simple "Login" and "Register" interface with debug logs.

2. Define Use Cases:

- Specify use cases for user login and registration.
- Example: User logs in with valid credentials, user registers with a new account.

Output in OpenProj:

- Create a new project.
- Add tasks: "Gather Requirements" and "Define Use Cases."
- 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.

Example Wireframes:

1. **Login Screen:** Username field, Password field, Login button, Register link.
2. **Register Screen:** Username field, Email field, Password field, Confirm Password field, Register button.

Output in OpenProj:

- Add tasks: "Sketch Initial Designs" and "Create Digital Wireframes."
- Allocate time and resources to complete these tasks.

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.

Output:

- Interactive prototypes for "Login" and "Register" screens.

Output in OpenProj:

- Add tasks: "Develop Prototypes" and "Test Prototypes."
- Set dependencies and milestones.

Step 4: User Acceptance/Testing

1. Review Prototype:

- Conduct user and stakeholder reviews.

2. Conduct Usability Testing:

- Perform usability testing and document feedback.

Output:

- Documented feedback and test results.

Output in OpenProj:

- Add tasks: "Review Prototype" and "Usability Testing."
- Track progress and resources.

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:

12 days leftBuy now

Search

Work packages

Search by name

DEFAULT

All open

Latest activity

Recently created

Overdue

Summary

Created by me

Assigned to me

Shared with users

Shared with me

PUBLIC

12 days leftBuy now

All open

Create

Include projects 1

ID	SUBJECT	TYPE	STATUS
2	UPI Payments App Development	SUMMARY TASK	In progress
3	Plan app architecture and tech stack	TASK	In progress
4	Design user onboarding flow	TASK	In progress
5	Implement mobile number & OTP verification	TASK	New
6	Link bank accounts using UPI APIs	TASK	New
7	Setup UPI PIN management	TASK	New
8	Develop money transfer (send/receive) feature	TASK	New
9	Alpha App Release	MILESTONE	Scheduled
10	Post-Release Enhancements	SUMMARY TASK	To be scheduled
11	Implement bill payments & recharge section	TASK	New
12	Add rewards and cashback module	TASK	New
13	Final App Deployment	MILESTONE	New

Create new work package

(1 - 12/12)

RESULT:

Hence the life cycle stages for UI design using the RAD model and develop a small interactive interface using OpenProj is implemented and executed.