# RAJALAKSHMI ENGINEERING COLLEGE

RAJALAKSHMI NAGAR, THANDALAM – 602 105



# CS23A34 USER INTERFACE AND DESIGN LAB

**Laboratory Observation NoteBook** 

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Semester: IV

Academic Year: 2024-25

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# Create a prototype with familiar and unfamiliar navigation elements. Evaluate ease of use with different user groups using wireflow

#### Aim:

The aim is to design a prototype with both well-known and new navigation elements and measure user-friendliness across different user groups using Wireflow.

#### **Procedure:**

### **Step 1: Plan Your Prototype**

- 1. Define Navigation Elements:
  - Familiar: Standard menus, top bars, footers, and sidebar navigation.
  - o *Unfamiliar*: Novel features such as hidden menus, gesture-based navigation, or custom swipes.
- 2. Sketch Your Layout:
  - Start with paper sketches or use tools like Figma or Sketch to visualize your design concepts.

#### **Step 2: Set Up Your Wireflow Project**

- 1. Sign Up/Log In:
  - Head to Wireflow and create an account or log in if you already have one.
- 2. Start a New Project:
  - Click on "New Project" and name it. Choose a template or start from scratch.

#### **Step 3: Design the Prototype**

- 1. Add Familiar Navigation Elements:
  - Drag and drop components like menus, header bars, buttons, etc., into your screens.
- 2. Incorporate Unfamiliar Elements:
  - Introduce hidden menus, unique gestures, or unexpected interactions.
- 3. Link Screens:
  - Use Wireflow's linking tools to create connections and transitions between screens.

#### **Step 4: Prepare for Usability Testing**

- 1. Identify User Groups:
  - Segment users based on age, tech-savviness, or previous experience with similar products.
- 2. Recruit Participants:
  - Use online tools like UserTesting, forums, or social media to find participants.

#### **Step 5: Conduct Testing**

- 1. Share the Prototype:
  - Invite users to interact with your prototype via a shareable link from Wireflow.
- 2. Test Sessions:
  - Ask users to complete tasks using both types of navigation. Observe their interactions and collect feedback.
- 3. Collect Feedback:
  - Utilize Wireflow's feedback features or conduct follow-up interviews to gather detailed responses.

### **Step 6: Analyze and Report**

- 1. Analyze Data:
  - Review the feedback and data collected. Look for patterns in ease of use and user preferences.

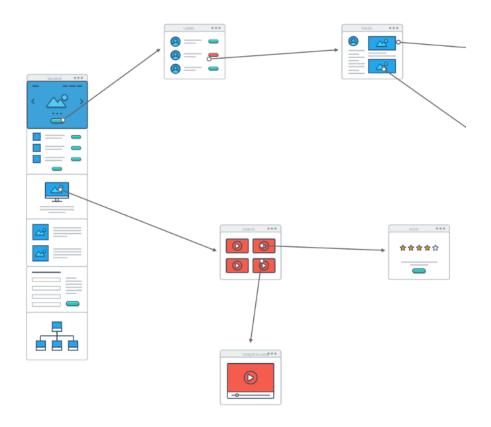
#### 2. Compare Results:

 Compare how different user groups interacted with familiar vs. unfamiliar navigation.

#### 3. Create a Report:

 Summarize your findings, highlighting insights, challenges, and recommendations

# **Output:**



## **Result:**

Hence the design of a prototype with both well-known and new navigation elements and measure user-friendliness across different user groups using Wireflow has been successfully studied and executed.