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CS23A34  
USER INTERFACE AND DESIGN LAB

Laboratory Observation NoteBook

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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:

- o 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:

- o 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:

- o Head to Wireflow and create an account or log in if you already have one.

##### 2. Start a New Project:

- o Click on "New Project" and name it. Choose a template or start from scratch.

### Step 3: Design the Prototype

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

### Step 4: Prepare for Usability Testing

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

### Step 5: Conduct Testing

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

### Step 6: Analyze and Report

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

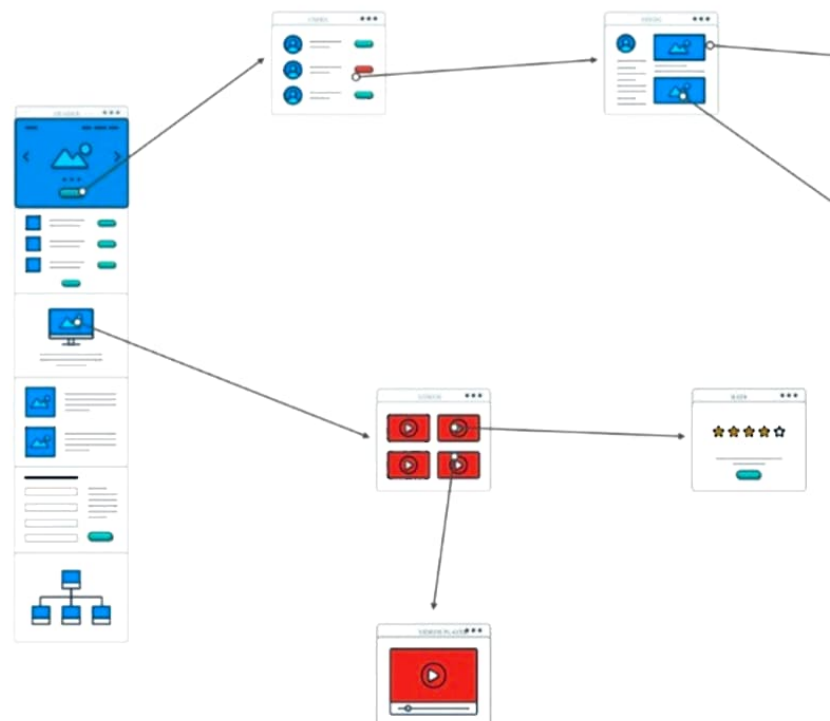
## 2. Compare Results:

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

## 3. Create a Report:

- o 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.