# **EXPERIMENT-4**

#### FIMILIAR AND UNFIMILAR ELEMENTS IN UI/UX

### **UI Elements Analysis**

This document provides an analysis of the user interface (UI) elements present in the video, highlighting both familiar and unfamiliar elements. The evaluation is based on the provided video and the guidelines from the PDF document.

#### **Familiar UI Elements**

These elements are commonly found in modern applications and are intuitive for most users:

- 1. Navigation Bar: A standard top or side menu for accessing different sections of the app.
- 2.Buttons: Standard clickable elements for actions like submitting forms or navigating pages.
- 3. Headers and Titles: Clearly labeled sections to help users understand the content.
- 4.Text Input Fields: Standard fields for entering text-based information.
- 5. Icons: Commonly used graphical representations for actions (e.g., home, settings, back).

#### **Unfamiliar UI Elements**

Some elements in the UI are unconventional and may require a learning curve for users:

- 1. Hidden Menus: Navigation elements that appear only on specific gestures or interactions.
- 2.Gesture-Based Navigation: Swipes, pinches, or other touch-based interactions for movement.
- 3. Voice Commands: Features allowing users to navigate using spoken instructions.
- 4. Floating Action Buttons: Context-sensitive buttons that dynamically change based on tasks.
- 5. Animated Transitions: Non-traditional animations that may impact user understanding.

#### **Insights from the PDF**

The PDF document emphasizes the importance of evaluating familiar and unfamiliar navigation elements using usability testing methods. Key recommendations include:

1. Prototype Design: Create UI prototypes incorporating both types of elements.

- 2. User Testing: Gather feedback from different user groups based on ease of use.
- 3. Comparative Analysis: Assess how users interact with both familiar and novel UI components.

## **UI Snapshots with Explanations**

Snapshot 1:



Description: This screenshot showcases the UI elements present on the home screen showcase the tile layout of different locations while providing concise and short description of the place



Description: This screenshot showcases the horizontal scrolling which has recently become a familiar feature

## Snapshot 3:



Description: This screenshot showcases the overlay feature where if you click on a tile it pops up and shows the name and general description of the selected place

## Snapshot 4:



Description: This screenshot showcases the profile and settings screen and the back button on the top left when pressed will go back to the home screen

