

UIDesignPatterns

Our team created a web application for the SEAP psychology clinic to manage appointments, documents, and calendars. We chose the tab-bar UI design pattern because it allows users to move quickly between the main sections without confusion [1]. In our prototype, we placed four tabs at the bottom: “Appointments,” “Documents,” “Calendar,” and “Settings,” each with an icon and label so that staff always know where they are. The main change was to combine clear icons with text labels on the tab bar so that clinic staff can jump to any function with a single touch, which directly supports our goal of reducing errors and streamlining daily tasks. When we tested it with real clinic users, they could open any section with less than two taps and felt more confident using the system, proving that the application of this pattern improved the usability and efficiency of our application.

[1] L. Nielsen, “UI Design Patterns,” in *The Encyclopedia of Human-Computer Interaction*, 2nd Ed., Aarhus, Denmark: Interaction Design Foundation, 2013.