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CS 147: Intro to HCI
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Med-Fi Prototype README

(1) How to access & set up the prototype for testing

Access the prototype at this link: LINK HERE

(2) The type of device the prototype should be run on

The prototype can be run on your computer. During the prototyping of the task flows, an iOS pop up will show up to demo the prototype for iPhone.

(3) Context for the prototype: when is the app used? What should a user be able to accomplish?

The app is used when you are designing an interior. The user, as demonstrated in the prototype, has existing projects, but will also need to run through three task flows: (1) place items within a space [plan a layout]; (2) get/give collaboration on their designs; (3) organize collaboration between many stakeholders across time

(4) How to run/operate the prototype

Running the prototype is perfectly simple: all you need to do is go to the link in (1), and toggle through the task flows on the left (labeled Task flows 1-3). “Tapping,” (as this is simulated on a mobile app) is done by clicking on your computer.

(5) Description of the tools used to build the prototype

We made use of a number of Apple’s Figma designs like buttons and toggle menus. We also made our own components from the screens in our prototype. Several visuals were sourced from free websites to implement furniture in the med-fi prototype.

(6) Summary of limitations with an explanation of why these limitations were necessary

We were unable to prototype a legit AR scan. This is impossible in Figma, so we jerry-rigged a moving picture via scrolling to simulate this experience. Also, implementing a messaging feature was overly complicated and lowkey out of the med-fi scope, so instead we used a placeholder message on those related screens.

(7) Hard-Coded vs. Wizard of OZ features

- HC: navigation buttons with fixed destinations for the tested task flows
- HC: friends list selection that routes to specific conversation screen
- HC: six-item catalogue cgrid/cards as static screens with fixed specs
- WoZ: AR scan behavior and results, simulated via a scrolling moving picture animation
- WoZ: live typing and message delivery, replaced by a placeholder bubble

WoZ: true, database-backed catalogue

WoZ: external sharing of large AR scans. collaboration remains local as simple messages