

Wizard of Oz prototyping

Low fidelity prototype to medium fidelity prototype

Using the low fidelity prototype we did the wizard of oz to find out what we could improve in order to make the medium fidelity prototype. We used 7 users and asked all of them to perform the same following actions separately:

- 1 - Log in and add a new expense to the list of expenses.
- 2 - Complete the first lesson about finance.
- 3 - Go into the simulator tab and simulate an investment in bitcoin.

User 1

- 1 – Had no trouble with the log in however, struggled to find the spendings tab and also the “add new expense” button everything else was fine.
 - 2 – Aside from taking some time to find the lessons tab everything went smoothly.
 - 3 – No problem what so ever.
- Comments – Stated that it was difficult finding each tab.

User 2

- 1 – Difficulties finding the tab button all the rest went very well.
 - 2 – Difficulties finding the tab button all the rest went very well.
 - 3 – No problems.
- Comments – Tab buttons could use improvement or write something there, also noted that someone should be able to click directly on the home screen to go to each page.

User 3

- 1 – No problems except in finding the “add new expense” button.
 - 2 – Struggled to find the learning tab.
 - 3 – No problem.
- Comments – Said the prototype was good.

User 4

- 1 – No problems.
 - 2 – No problems.
 - 3 – Took some time to find the simulator tab.
- Comments – Decided not to comment.

User 5

- 1 – Trouble finding the “add new expense” button.
 - 2 – No problems.
 - 3 – Couldn’t find the tab button at first.
- Comments – Said maybe there should be more investment types aside from cryptocurrencies and there should be a button to confirm the amount invested instead of passing to the next screen.

User 6

- 1 – No problems.
 - 2 – No problems.
 - 3 – No problems.
- Comments – Even though there were no problems in using the app said the tab buttons need some improvement, he personally had no problems because he uses an app with similar UI but that may not be the case for most people.

User 7

- 1 – Trouble finding the tab button and the “add new expense” button.
 - 2 – Couldn’t understand where to click when in the quiz.
 - 3 – Took some time to find the button tab.
- Comments – The tab buttons need working on, didn’t say anything else.

Looking at the results, 6 out of the 7 users had trouble with the tab buttons and 4 took a lot of time to find the “add new expense” button these two being the major things that need improvement, there is also the matter of the buttons in quiz, looking at the comments we decided to also improve home page and the button in the investment tabs, also being able to simulate more types of investments.

Here are the changes that were made from the low to medium prototypes:

- Added the name of each tab beneath the symbol.
- Instead of having the + button to add a new expense we decided to have a button next to “see all” that says “New entry”.
- Reworked the quiz page design.
- Added to each of the parts in the home page a button that takes you to directly to the related tab.
- Added a button to confirm the amount on the simulator page.
- Added the possibility to simulate stocks and time deposits.