

mWork: Med-Fi Prototyping

October 31st, 2014 | CS147 HCI + D

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Overview

- Tasks & Changes
- Revised UI Design and Rationale
- Scenarios
- What Worked
- What Didn't
- Summary

Representative Tasks

Complex, Moderate, Simple

mWork



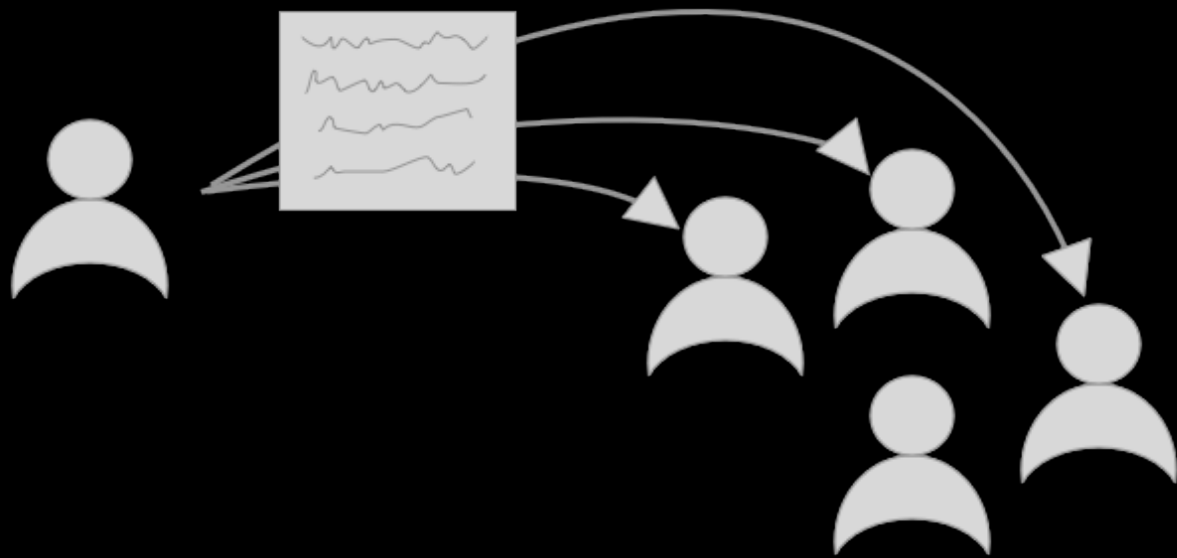
mWork



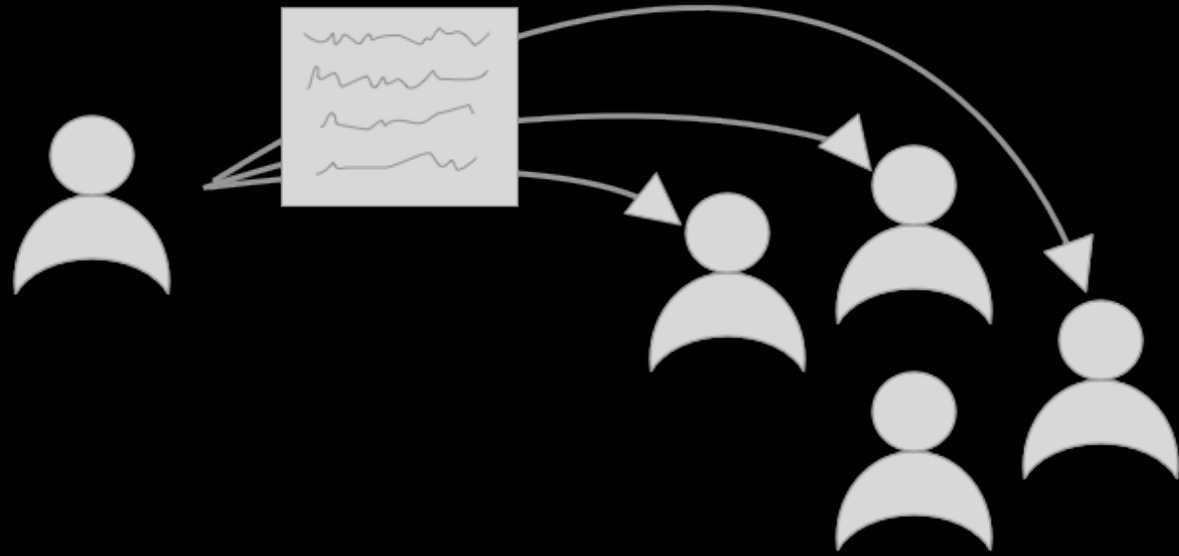
mWork



mWork

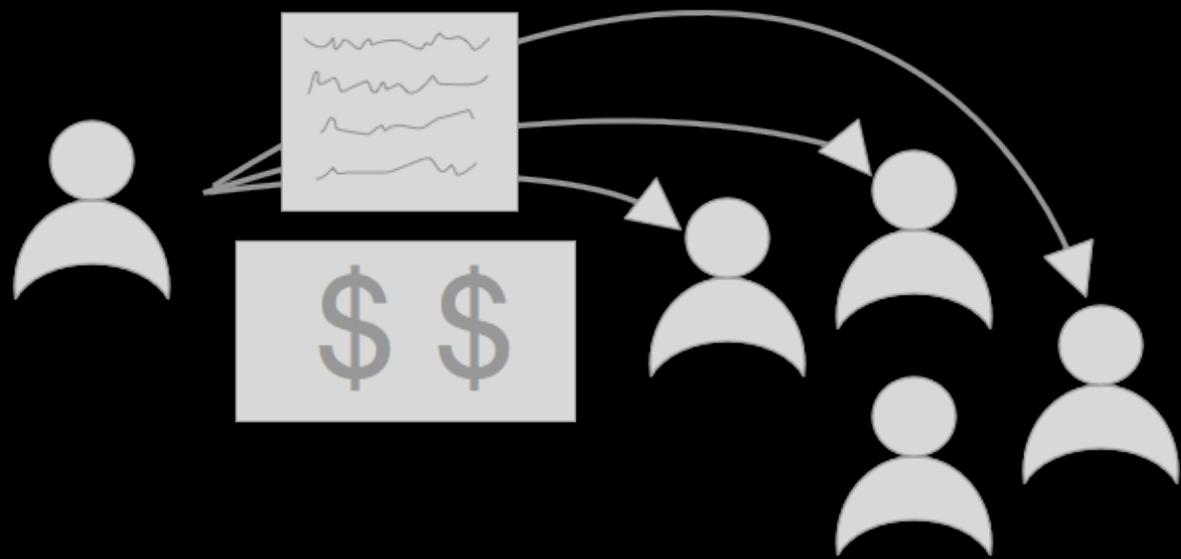


mWork

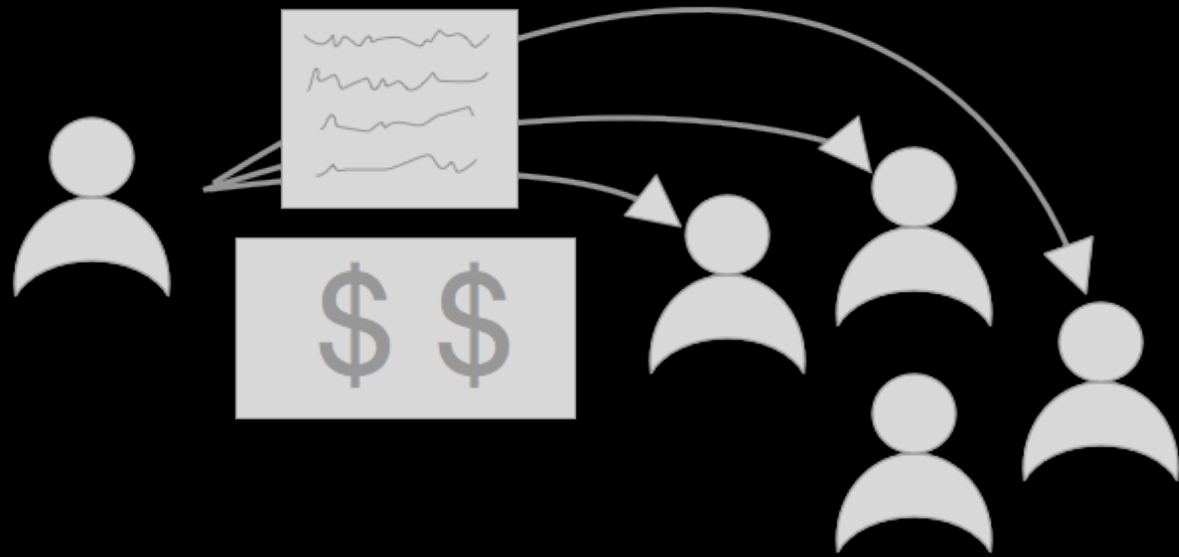


Matching client tasks to workers (moderate)

mWork

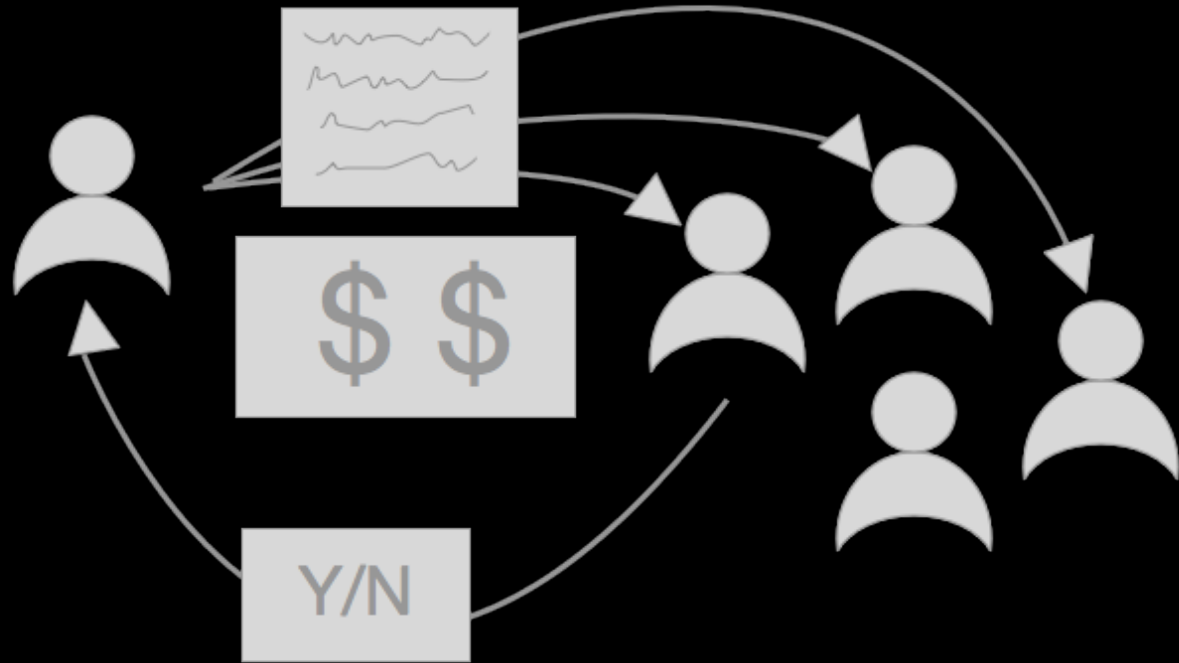


mWork



Paying users (client) cashing out (workers) (both complex)

mWork



Categorizing content (simple)

Tasks

1. Categorizing content (simple)
2. Matching clients to workers (moderate)
3. Payments (complex)

UI Changes

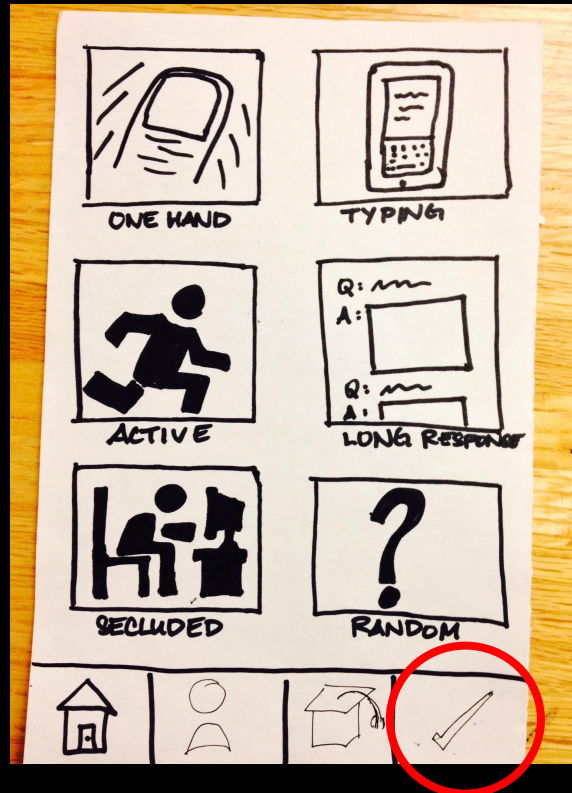
1. Footer Menu
 - a. Added text
2. Payment
 - a. Abstraction into its own tab
3. Task Menu
 - a. Divided by function → by time → by clarified function/context
 - b. Less options

| Problem | Location | Severity Rating | Possible Fix | Task Number |
|---|-----------------|------------------------|--|--------------------|
| Cannot login because user does not have an email account and doesn't use computers often. | Signup / Login | 4 | Refocus and redefine our target audience to ones with access to email and online payment | 1 |
| Thinks first intro screen is confusing | Signup / Login | 0 | Linear flow with only one option may be better | 1 |
| User tries to go backward by clicking on the checkbox on the bottom right corner | Task Page | 1 | Have clearly labeled text-based buttons instead of symbols | 2 |
| User has not heard of bitcoin | Payment | 2 | Make sure to educate the user through an initial tutorial. Even if they do not use bitcoin they can use the bank account option. | 3 |
| User thought linking to bank account was confusing | Payment | 3 | Make flow easier to understand by having clear directions | 3 |

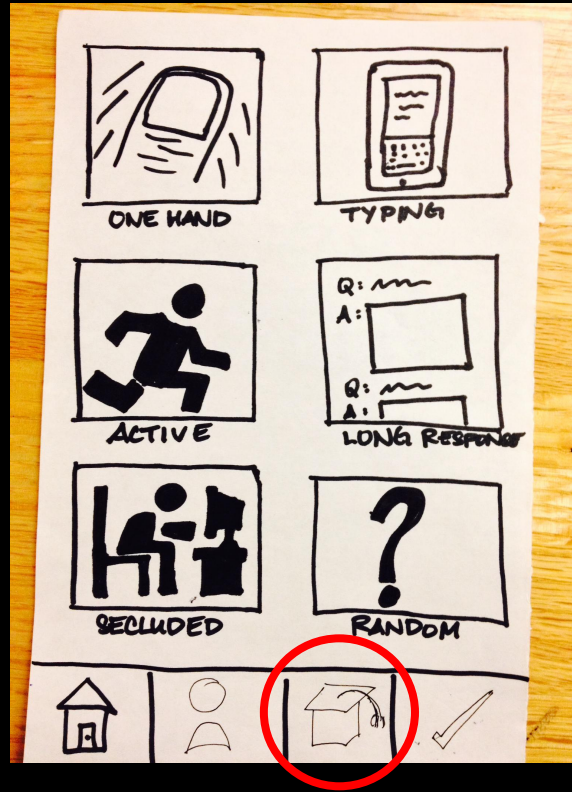
| Problem | Location | Severity Rating | Possible Fix | Task Number |
|---|-----------------|------------------------|--|--------------------|
| Cannot login because user does not have an email account and doesn't use computers often. | Signup / Login | 4 | Refocus and redefine our target audience to ones with access to email and online payment | 1 |
| User is confused about what certain task icons mean | Task Page | 2 | Simpler and less task icons | 2 |
| User tries to go backward by clicking on the checkbox on the bottom right corner | Task Page | 1 | Have clearly labeled text-based buttons instead of symbols | 2 |
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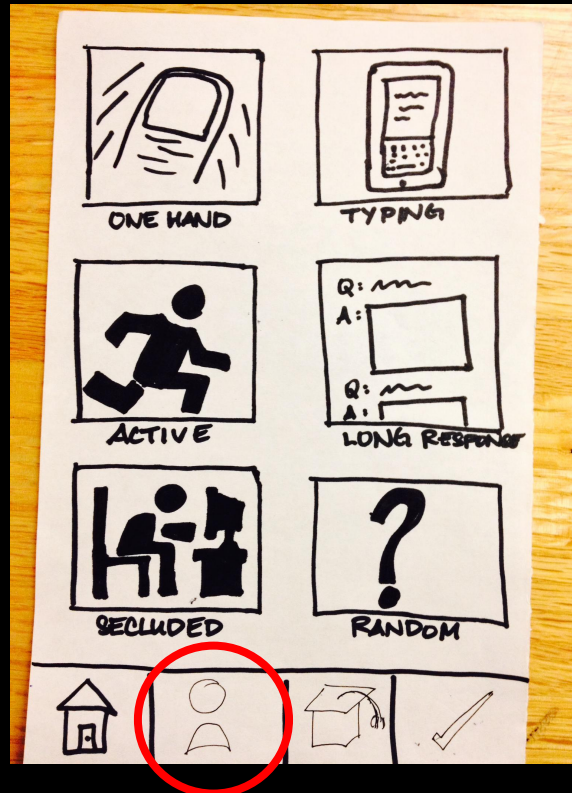
1. Footer Menu: Before



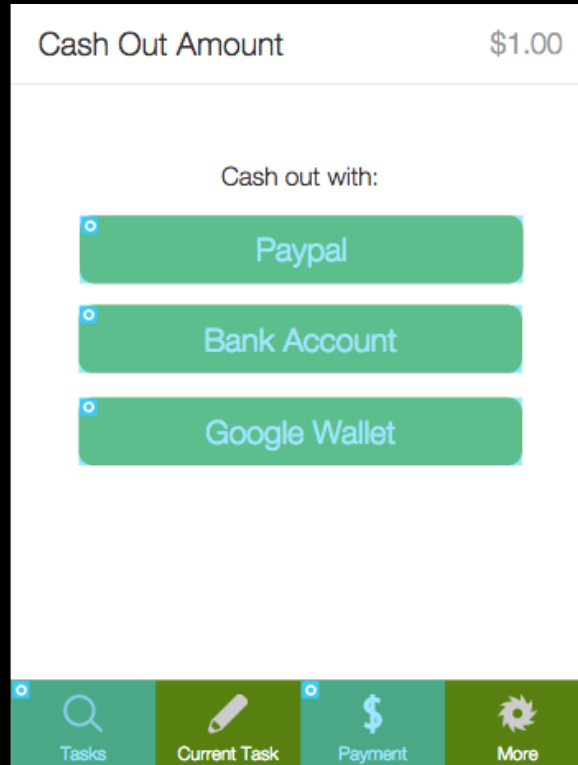
1. Footer Menu: Before



1. Footer Menu: Before



1. Footer Menu: After




2. Payment Information: Before

MY ACCOUNT

Personal Details
Name: Allen
⋮





Analytics



Payment
Total: \$17.63

Cash Out

⇓ Scroll down ⇓

| | | | |
|---|---|---|---|
|  |  |  |  |
|---|---|---|---|

MY ACCOUNT

Cash out

Total Balance: \$17.63

Cash out amount: \$03.00

via

VENMO

BITCOIN

BANK ACCOUNT

| | | | |
|---|---|--|---|
|  |  |  |  |
|---|---|--|---|

MY ACCOUNT





Cash out

Please log in with Venmo

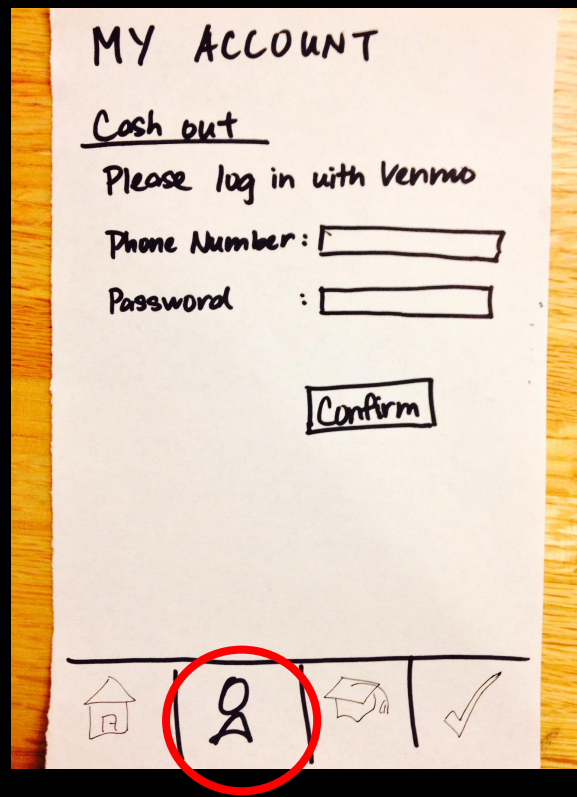
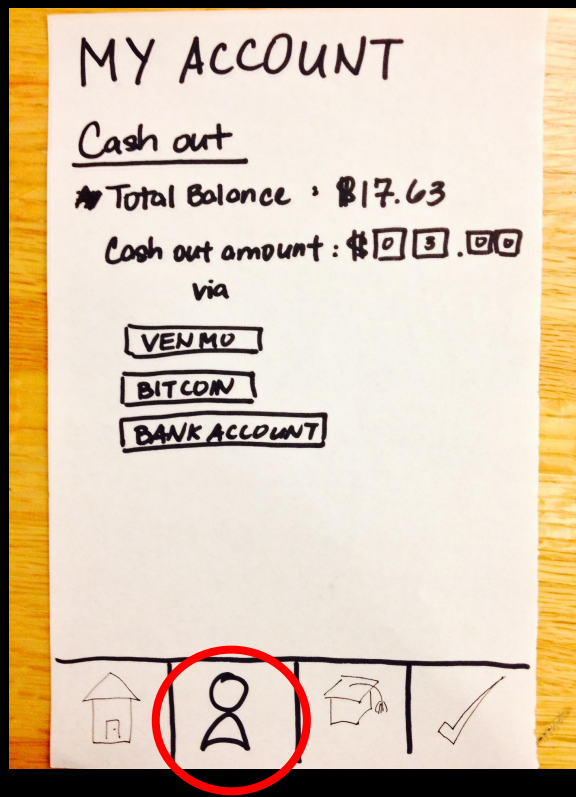
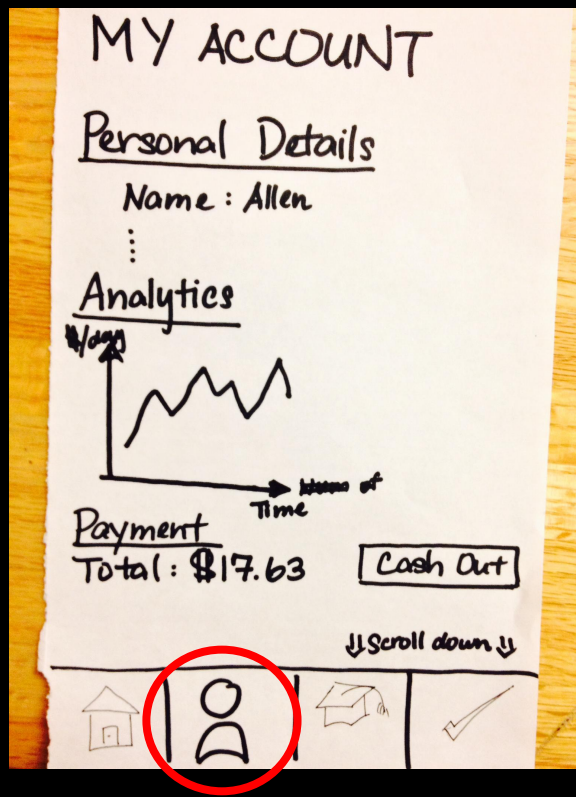
Phone Number:

Password:

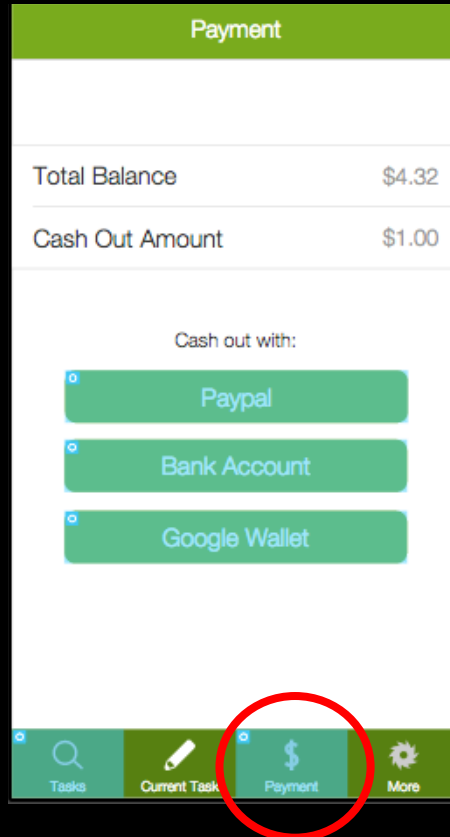
Confirm

| | | | |
|---|---|---|---|
|  |  |  |  |
|---|---|---|---|

2. Payment Information: Before



2. Payment Information: After



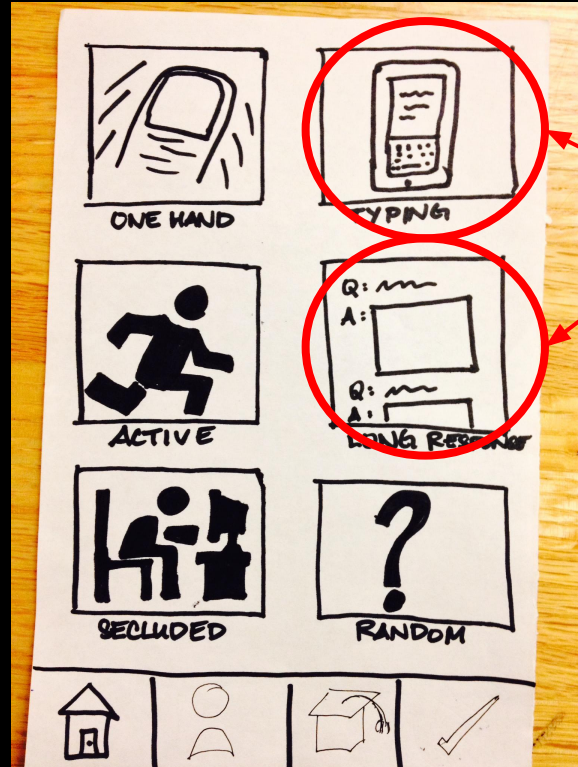
3. Task Menu: Before



3. Task Menu: Before



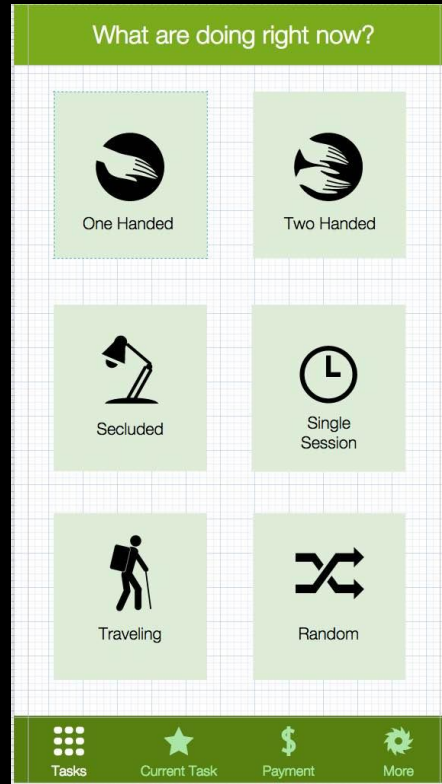
3. Task Menu: Before



3. Task Menu: Before

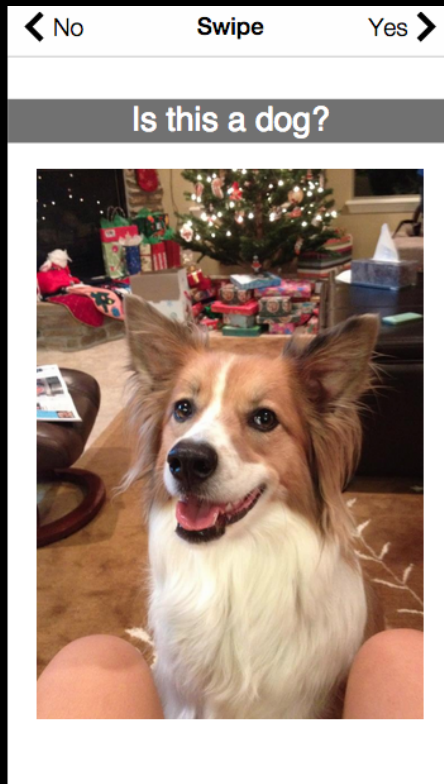


3. Task Menu: After

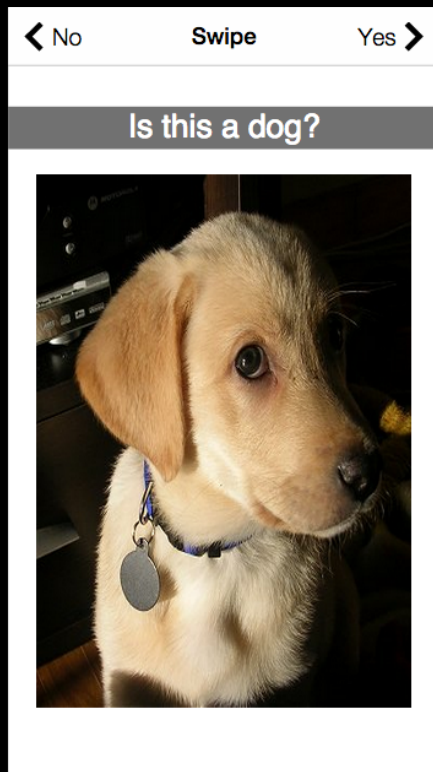


Med-Fi Prototype

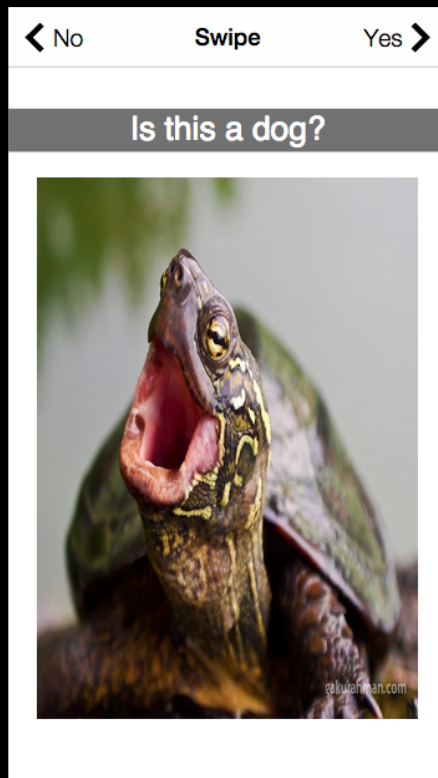
1. Categorization



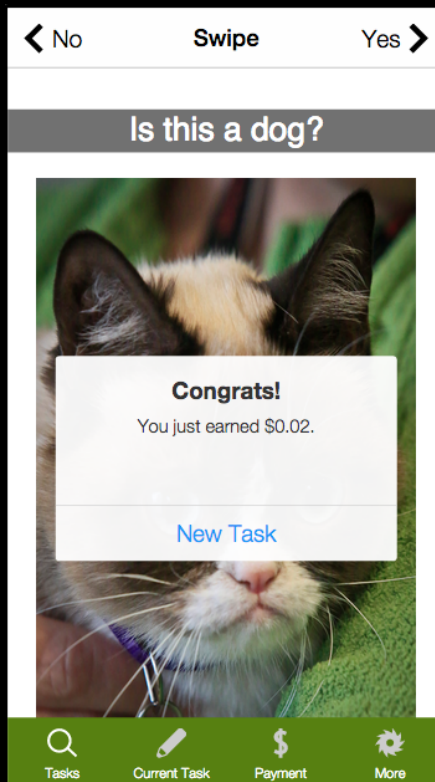
1. Categorization



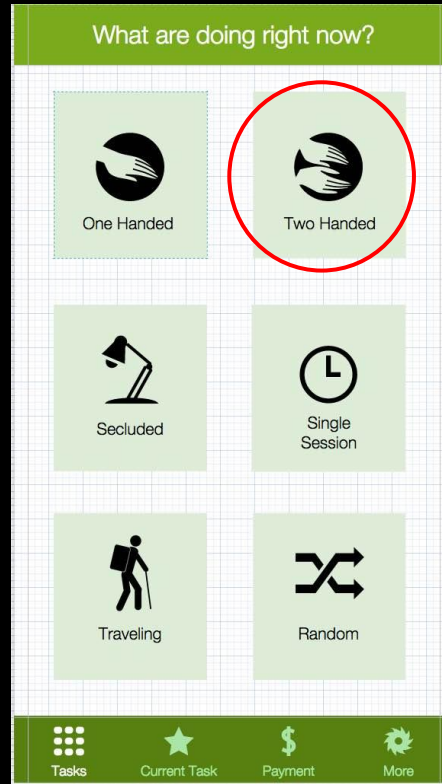
1. Categorization



1. Categorization



2. Matching users with a task



2. Matching users with a task



The screenshot shows a mobile application interface for a 'Free Response' task. At the top, there is a green header bar with a back arrow and the text 'Tasks Free Response'. Below the header, the main content area is white and contains the following text: 'Please respond to each of the following questions in 2 to 3 sentences.' followed by 'What does happiness mean to you?' and a large empty text input box. Below this, it asks 'What does sadness mean to you?' followed by another large empty text input box. At the bottom of the main content area is a blue 'Submit' button. At the very bottom of the screen is a green navigation bar with four icons and labels: 'Tasks' (magnifying glass), 'Current Task' (pencil), 'Payment' (dollar sign), and 'More' (gear).

← Tasks Free Response

Please respond to each of the following questions in 2 to 3 sentences.

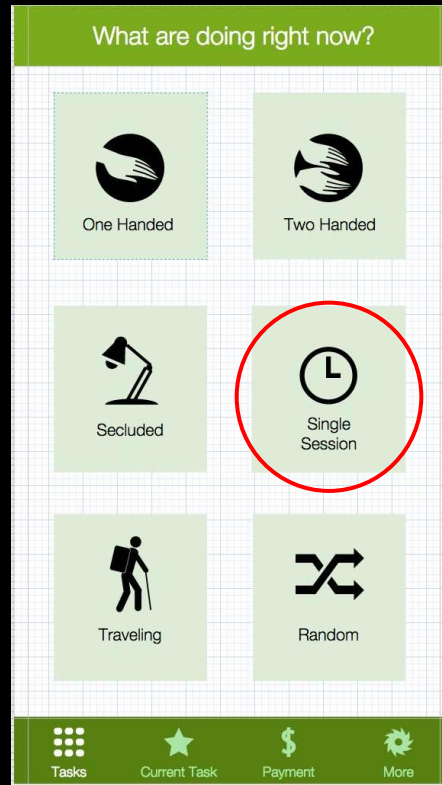
What does happiness mean to you?

What does sadness mean to you?

Submit

Tasks Current Task Payment More

2. Matching users with a task



2. Matching users with a task

The screenshot shows a mobile application interface for a survey. At the top, there is a green header bar with a back arrow and the text "Tasks Long Survey". Below the header, the survey question is: "How strong do you agree or disagree with the following statements?". There are three statements, each followed by a horizontal slider with a white circle indicating the selected level of agreement. The labels "Strongly Agree" are visible at both ends of each slider. The statements are: "The government should raise taxes so it can provide more help to people who need it.", "I know how to contact my senator to file a complaint or petition.", and "I know how to contact my representative to file a complaint or petition.". At the bottom of the survey area is a blue "Submit" button. Below the survey area is a navigation bar with four icons: a magnifying glass labeled "Tasks", a pencil labeled "Current Task", a dollar sign labeled "Payment", and a gear labeled "More".

← Tasks Long Survey

How strong do you agree or disagree with the following statements?

The government should raise taxes so it can provide more help to people who need it.

Strongly Agree Strongly Agree

I know how to contact my senator to file a complaint or petition.

Strongly Agree Strongly Agree

I know how to contact my representative to file a complaint or petition.

Strongly Agree Strongly Agree

Submit

Tasks Current Task Payment More

3. Payment

Payment

| | |
|-----------------|--------|
| Total Balance | \$4.32 |
| Cash Out Amount | \$1.00 |

Cash out with:

- Paypal
- Bank Account
- Google Wallet

Tasks Current Task Payment More

3. Payment

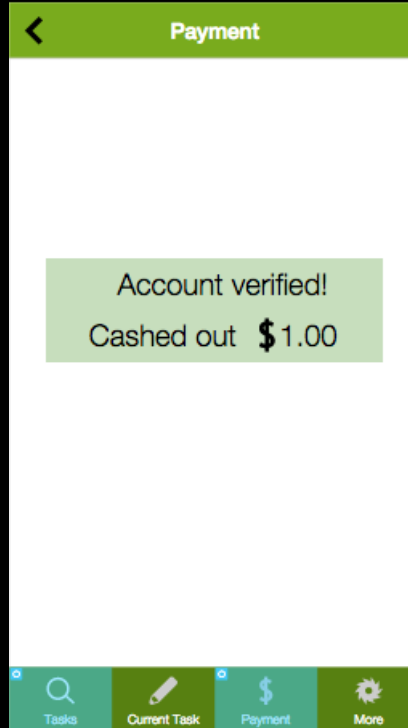
Please input bank account information

Bank

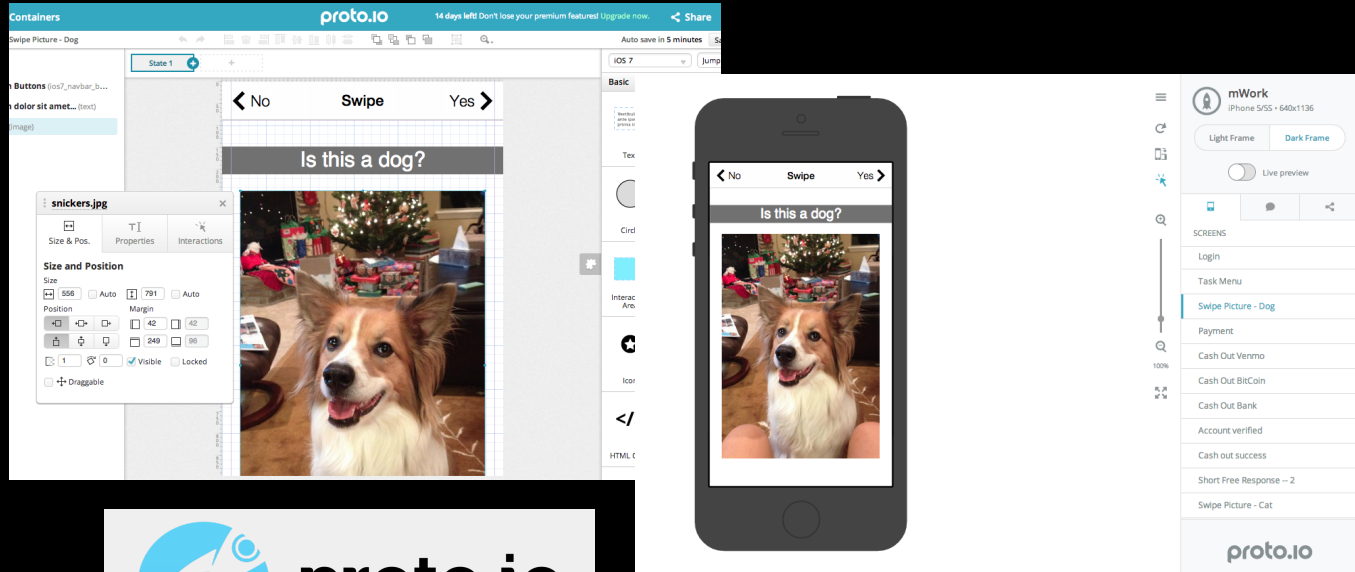
Account number

Routing number

3. Payment



Tools



proto.io

What Did Work?

- Proto.io interface design visually pretty
- More believable prototype
- Forced us to get down to the details

What Didn't Work?

- Clunky web interface
- Freezes
- Collaboration doesn't work!?!
- Corrupted save files
- Lower medium-fi prototype with HTML, CSS, JavaScript?
- Tradeoffs between visual polish and interactive completeness

WoZ Techniques (& Additional Tradeoffs)

- Proto.io conditional form support
- No validation for reasonable answers
- Backend is non existent
- Only a few example tasks - inefficient to make more

In Summary

- Tasks: categorization, task matching, payments
- Valuable UI feedback from low-fi prototype
- Abstracting each of these tasks into its own tab
- Making icons clear and distinct
- Streamlining the flow of each process

Thank you!