

CSC 642 842 HCI Fall 2021

Phase 3:

High fidelity UI design prototype

Project Name

Participaid

Slogan

Our goal is to help medical companies find participants for trials, and for participants to get paid for finished trials.

Team 1

Denny Feng: dfeng1@mail.sfsu.edu

Mai Ra

Marco Marino

10/30/2021

Table of Contents

1 - Executive Summary	3
2 - Platforms and tools	4
3 - Storyboards	5

1 - Executive Summary

In order to successfully launch a new drug out to the market, medical companies must rely on human participants to perform clinical trials for each specific drug. The process to find participants for certain trials is very time-consuming, and as each day goes by without the ability to test these new drugs, the potential profit will decrease. The decrease in potential profit isn't the only problem medical companies have to face, but in fact, it's the approval from the FDA. The faster they find participants, the potential profit will increase, and the higher chance to receive approval, if clinical trials are successful.

To help speed up the process, for the medical companies, in finding participants for their clinical trials, our team will create an application, allowing participants to search for trials, choose in which to participate, and to be paid for testing different types of drugs. Participants have the ability to browse around and sign up for different medical trials if they pass all the specified requirements listed for those trials.

For medical companies, they have the ability to upload various drug trials allowing them to find the right participants, once they fit the requirements of the trial. Each trial contains different procedures, so, therefore, medical companies can also upload images or videos to help give their participants a quick preview before they actually sign up for the trial.

2 - Platforms and tools

In order to deliver a responsive real world application, our team will be mainly focusing on building desktop and mobile platforms versions of our application. Using the Figma design tool, we had transitioned our low fidelity designed wireframes and storyboard mockups to high fidelity by replacing black and white coloring from our low fidelity and reconfigured it to our application color. (*see storyboard section for more details*)

3 - Storyboards

Student Use Case

- 1) Tim noticed on the front page, a section listing the payouts for each of the trials. When Tim noticed the “Latest Trials” section, He started to browse around and noticed one that pays well. He then proceeds to learn more about the trial.

The screenshot shows the homepage of Participaid. At the top, there's a teal header with the logo 'Participaid' and navigation links for 'About', 'Participate', and 'Post'. To the right are 'SIGN IN' and 'SIGN UP, IT'S FREE' buttons. Below the header is a stylized illustration of a person running or walking outdoors under a blue sky with clouds and a sun. The main content area has a teal background and features a section titled 'Latest Trials' with four card-based listings:

Payout (\$)	Description	Eligibility & Requirements	Learn More
\$180	Long-term Safety and Efficacy Study for Individuals Who Are Long Term Smokers	Smoker Participants: ✓ 21 and older ✗ Peanut Allergies ✓ Allergy Test Required ✗ Non smoker ✓ Smokers ✓ Gender Neutral	Learn More
\$150	Drug-Drug Interaction Study Assessing Effect of nonsteroidal anti-inflammatory drugs in Healthy Participants	Healthy Participants: ✓ 20 - 50 years ✗ Drug Allergies ✓ Allergy Test Required ✗ Non healthy Participants ✓ Healthy Participants ✓ Gender Neutral	Learn More
\$140	A Clinical Trial to Assess the Safety, Tolerability and Immunogenicity of Meningococcal vaccine in Healthy Infants	Healthy Infants: ✓ 2- 6 months ✗ 7 months and up ✓ Allergy Test Required ✗ Non Infants ✓ Infant ✓ Gender Neutral	Learn More
\$130	Infliximab Biosimilar for Intravenous Drip Infusion 100 mg "Pfizer" Drug Use Investigation (Psoriasis)	Psoriasis Participants: ✓ Psoriasis Vulgaris ✗ Drug Allergies ✓ Allergy Test Required ✓ Psoriasis ✓ Gender Neutral	Learn More

Tim went to our homepage and noticed the “Latest Trials” section, he found a trial that potentially pays well (\$180) so he wants to “Learn More” about it.

- 2) Tim now starts to read the descriptions of that trial, including all the legal information, legal disclosures, and the application rules for the specific trial. He sees that you must take an allergy test before being accepted to that trial.



Description

This is a Phase 1, clinical trial for long term smokers that will be performed in San Francisco. This study will enroll a sufficient number of participants to see any side effects related to smoking .

Legals

[Legal Information](#)

[Legal Disclosures](#)

Eligibility

- | | |
|---|--|
| <p>✓ 21 and older</p> <p>✓ Allergy Test Required</p> <p>✓ Smokers</p> <p>✓ Gender Neutral</p> | <p>✗ Peanut Allergies</p> <p>✗ Non Smokers</p> |
|---|--|

Prerequisite

Due to high volume of applicants, applications without the required prerequisite will not be reviewed

- ✓ Must have Allergic Test Reaction test completed

Details

ID: CP10250014

Payout: \$140

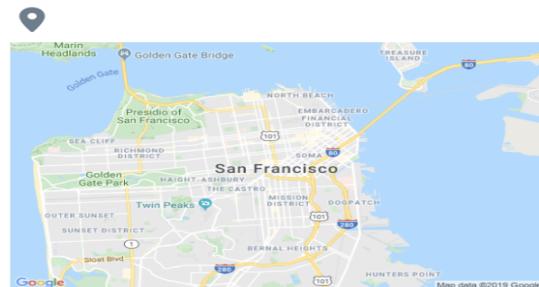
Status: Recruiting

Study Type: Observational

Start Date: 10/10/2021

End Date: 04/10/2022

Last Updated: 10/05/2021



Before getting paid for this trial, you must first apply and wait for medical company to approve your application.

[Apply Now](#)

Due to HIPPA Compliance Participaid will only ask for your basic informations.

3) After reading all the descriptions of that trial, including all the legal information, legal disclosures, and the application rules for that specific trial, and seeing how this trial fits his criteria because of the required allergy test. Before clicking the “Apply Now” button, he noticed two fine prints stating, *“Before getting paid for this trial, you must first apply and wait for the medical company to approve your application.”* and also, *“Due to HIPAA Compliance Participaid will only ask for your basic informations.”* He now knows what the application process will be like and he also doesn't need to worry about being exposed to private information. Now, he is ready to apply for this trial.

The screenshot shows the Participaid website interface. At the top, there's a navigation bar with 'Participaid' (highlighted in teal), 'About', 'Participate', 'Post', a search icon, 'SIGN IN', and a 'SIGN UP, IT'S FREE' button. The main background image is a black and white photograph of medical professionals in an operating room. Overlaid on this image is the title of the study: 'Long-term Safety and Efficacy Study for Individuals Who Are Long Term Smokers'. In the center, a white rectangular box contains the 'Apply For Trial' button. Below it, a paragraph of text explains that once approved, medical companies will contact the user via email to schedule appointments for necessary tests. To the left of this box, under the heading 'Description', there's a brief summary of the study: 'This is a Phase 1, clinical trial. This study will enroll a sufficient number of individuals who are long term smokers.' Below this, under 'Legals', are links to 'Legal Information' and 'Legal Disclosures'. To the right of the application box, there are fields for 'First name' (containing 'John'), 'Last name' (containing 'Doe'), and 'Email' (containing 'JohnDoe@yahoo.com'). Further down, a note states: 'By applying, I have read this trials [Legal Informations](#) and [Legal Disclosures](#)'. At the bottom of the application box is a large teal 'Apply' button. At the very bottom of the page, there's a section titled 'Eligibility' with two rows of items: '✓ 21 and older' and '✗ Peanut Allergies' in the first row, and '✗ Allergy Test Required' and '✗ Non Smokers' in the second row.

Participaid

About Participate Post

SIGN IN SIGN UP, IT'S FREE

Long-term Safety and Efficacy Study for Individuals Who Are Long Term Smokers

Apply For Trial

When your application gets approved, medical companies will contact you via email to schedule an appointment for all necessary tests

Description

This is a Phase 1, clinical trial. This study will enroll a sufficient number of individuals who are long term smokers.

Legals

[Legal Information](#)

[Legal Disclosures](#)

First name: John Last name: Doe

Email: JohnDoe@yahoo.com

By applying, I have read this trials [Legal Informations](#) and [Legal Disclosures](#).

Apply

Eligibility

✓ 21 and older ✗ Peanut Allergies

✗ Allergy Test Required ✗ Non Smokers

- 4) After successfully applying for the trial, Tim will now receive an email confirmation regarding his trial and his acceptance to the trial.

The screenshot shows a web page from the Participaid platform. At the top, there's a navigation bar with the logo 'Participaid' and links for 'About', 'Participate', 'Post', 'SIGN IN', and 'SIGN UP, IT'S FREE'. Below the navigation is a background image of medical professionals in an operating room. Overlaid on this image is text for a clinical trial: 'Long-term Safety and Efficacy Study for Individuals Who Are Long Term Smokers'. In the center, a teal-colored box contains the message 'THANK YOU FOR APPLYING THIS TRIAL' with a large checkmark icon inside an envelope. To the right of the message is a small 'X' icon. On the left side of the main content area, there are three sections: 'Description', 'Legals', and 'Eligibility'. The 'Description' section contains text about a Phase 1 clinical trial for long-term smokers. The 'Legals' section links to 'Legal Information' and 'Legal Disclosures'. The 'Eligibility' section lists '✓ 21 and older' and '✗ Peanut Allergies'.

Participaid

About Participate Post

SIGN IN SIGN UP, IT'S FREE

Long-term Safety and Efficacy Study for Individuals Who Are Long Term Smokers

THANK YOU FOR APPLYING THIS TRIAL

✓ 21 and older ✗ Peanut Allergies

Description

This is a Phase 1, clinical trial.
This study will enroll a sufficient number of individuals who have been smoking .

Legals

[Legal Information](#)

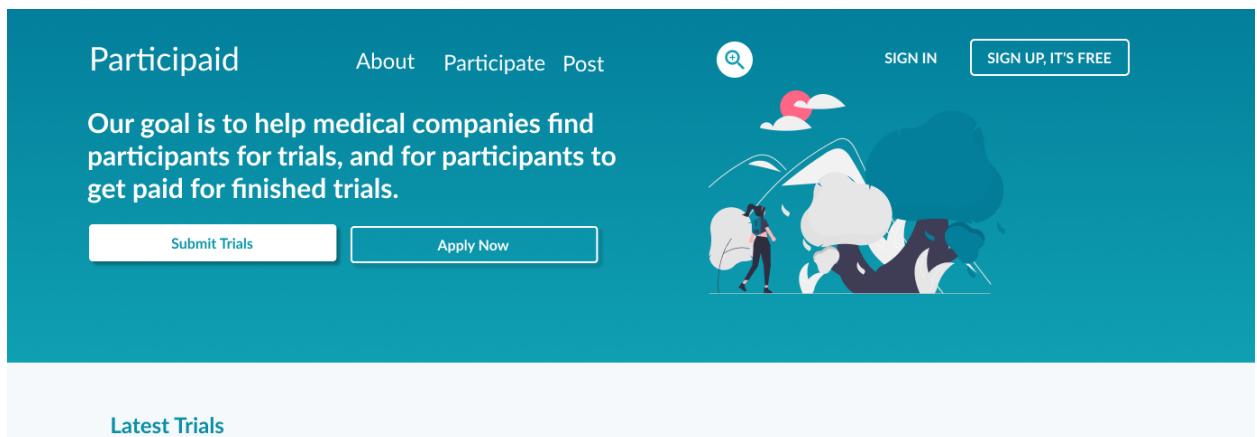
[Legal Disclosures](#)

Eligibility

✓ 21 and older ✗ Peanut Allergies

Medical Professional Use Case

- 1) Allison is working at a pharmaceutical company. When she was working, she saw a lot of medical trials that were complicated medical usage and technical terms that made it difficult for applicants to participate. She wants the page to be easy to understand and accessible to a wide variety of participants. She understands most of the medical terms, but she is uncomfortable with any kind of technology that is complicated to use. She sees our hero section, and see a button that allows her to submit a trial



She clicks on the “Submit Trials” button but is asked to create a medical account before she is able to post any trials.

- 2) Once Allsion created a medical account, she is now ready to create and post a medical trial on the website.

Schedule A Medical Trial

All fields are required!

Your Trial Title

Describe your trial

Eligibility

Eligible

Ineligible

Any Prerequisite?

Specific details

Location

Payout

Status

Start Date **End Date**

Upload legal documents

Upload Documents

Upload image

Upload Image

• All trials must be reviewed and accepted before scheduling.
• By submitting for review, I have agreed to [Terms and conditions](#).

Submit For Review

After Allison finishes scheduling her trial, she must go through the review process before her trial goes live.

Office Worker Use Cases

- 1) Grant is a 9-5 office worker. He has had back pain for years but over-the-counter medicine stopped working for him. He was looking for the medicine and trial that worked for him all over online but most of the trial procedures conflicted with his work time frame. And he saw on the website some of the trials that he can participate in without conflict with his work.

Participate without conflicts

A Study in Back Pain Discomfort	Study of the Efficacy and Safety of Somatropin in Korean Participants With PWS	Talazoparib + Enzalutamide vs. Enzalutamide Monotherapy in mCRPC	Safety and Efficacy of Lorbrena
Back Pain Participants ✓ 21 and older ✗ Drug Allergies ✓ Allergy Test Required ✗ No Back Pain ✓ Back Pain ✓ Gender Neutral	Prader-Willi Syndrome Participants ✓ 21 and older ✗ Drug Allergies ✓ Allergy Test Required ✗ Non Korean Ethnics ✓ Koreans ✓ Gender Neutral	mCRPC Participants ✓ 18+ ✗ Drug Allergies ✓ Allergy Test Required ✗ Non mCRPC ✓ mCRPC ✓ Male	Non-small Cell Lung Cancer Participants ✓ Any Age ✓ Gender Neutral

This section is suitable for Grant because he can participate in any trials within this section without any conflict issues with his personal life.

2) He is looking for a page that describes the medical term simply to understand non-medical professionals.

Participaid [About](#) [Participate](#) [Post](#) [SIGN IN](#) [SIGN UP, IT'S FREE](#)

Long-term Safety and Efficacy Study for Individuals Who Are Long Term Smokers

Payout: \$140

Description
This is a Phase 1, clinical trial for long term smokers that will be performed in San Francisco. This study will enroll a sufficient number of participants to see any side effects related to smoking .

Legals
[Legal Information](#)
[Legal Disclosures](#)

Eligibility

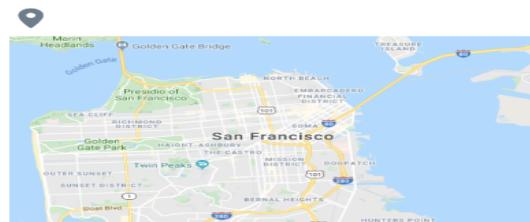
✓ 21 and older	✗ Peanut Allergies
✓ Allergy Test Required	✗ Non Smokers
✓ Smokers	
✓ Gender Neutral	

Prerequisite
Due to high volume of applicants, applications without the required prerequisite will not be reviewed

✓ Must have Allergic Test Reaction test completed

Details

ID: CP10250014
Payout: \$140
Status: Recruiting
Study Type: Observational
Start Date: 10/10/2021
End Date: 04/10/2022
Last Updated: 10/05/2021



Before getting paid for this trial, you must first apply and wait for medical company to approve your application.

Apply Now

Due to HIPPA Compliance Participaid will only ask for your basic informations.

Participaid
© 2021 Participaid Inc. All rights reserved.

[About us](#) [Contact us](#) [Partner with us](#)
[Terms and conditions](#) [Privacy policy](#)

[!\[\]\(f0cb329cfe08226b7cb89b09d2e7a8ad_img.jpg\)](#) [!\[\]\(a8f275fefb8ce6180a3e43e90eb7c99c_img.jpg\)](#) [!\[\]\(97b4180225e7f86723979a8938ec7eda_img.jpg\)](#)

- 3) If he found a webpage that does not conflict with the work schedule and simple term usage page he is ready to apply.

The screenshot shows a clinical trial application page on the Participaid website. The top navigation bar includes links for 'About', 'Participate', 'Post', 'SIGN IN', and 'SIGN UP, IT'S FREE'. The main image is a black and white photograph of medical professionals in an operating room. Overlaid text reads: 'Long-term Safety and Efficacy Study for Individuals Who Are Long Term Smokers'. A central call-to-action button says 'Apply For Trial'. Below it, a text box states: 'When your application gets approved, medical companies will contact you via email to schedule an appointment for all necessary tests'. To the left, under 'Description', there is a section about the study being a Phase 1 clinical trial for long-term smokers. To the right, there is a form for entering personal information: First name (John), Last name (Doe), Email (johnDoe@yahoo.com). Below the email field is a note: 'By applying, I have read this trials [Legal Informations](#) and [Legal Disclosures](#)'. An 'Apply' button is at the bottom of the form. On the far left, there are sections for 'Legal' (with links to 'Legal Information' and 'Legal Disclosures') and 'Eligibility' (listing requirements like '21 and older' with a checkmark and 'Peanut Allergies' with a red X). On the far right, there is a note about San Francisco.

Participaid

About Participate Post

SIGN IN SIGN UP, IT'S FREE

Long-term Safety and Efficacy Study for Individuals Who Are Long Term Smokers

Apply For Trial

When your application gets approved, medical companies will contact you via email to schedule an appointment for all necessary tests

Description

This is a Phase 1, clinical trial. This study will enroll a sufficient number of individuals who are long term smokers .

Legal

[Legal Information](#)

[Legal Disclosures](#)

Eligibility

✓ 21 and older ✗ Peanut Allergies

✓ Allergy Test Required ✗ Non Smokers

First name: John Last name: Doe

Email: johnDoe@yahoo.com

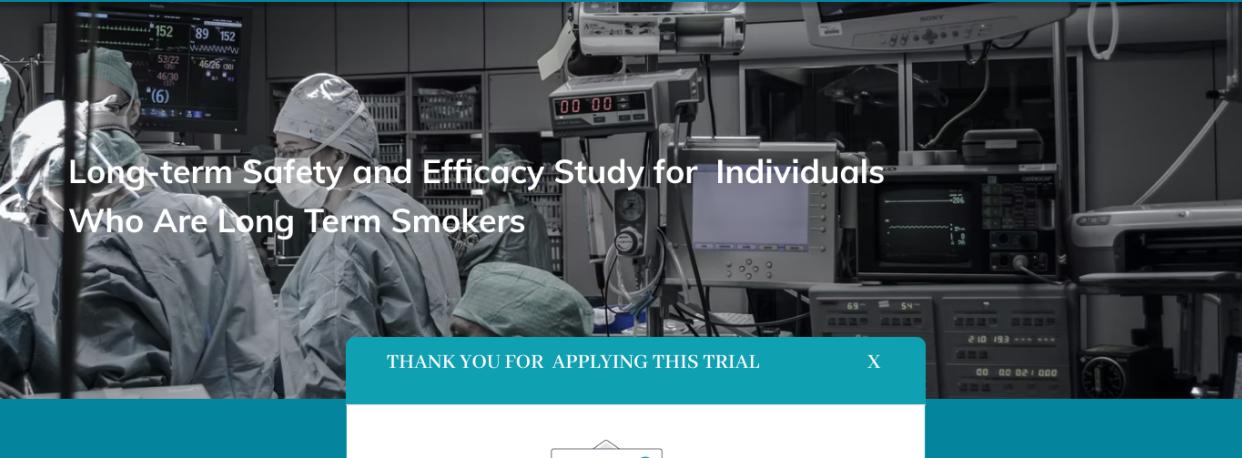
By applying, I have read this trials [Legal Informations](#) and [Legal Disclosures](#).

Apply

San Francisco.

- 4) Once Grant finishes applying for the trial, he will also be sent an email confirmation regarding his applied trial, and his acceptance of the trial.

Participaid About Participate Post  SIGN IN SIGN UP, IT'S FREE



Long-term Safety and Efficacy Study for Individuals Who Are Long Term Smokers

THANK YOU FOR APPLYING THIS TRIAL X



Thank you! You have sucessfully applied for this trial.
We have sent your applied trial informations to
GrantG@yahoo.com.

Description

This is a Phase 1, clinical trial.
This study will enroll a sufficient number of individuals who are long term smokers .

Legals

[Legal Information](#)
[Legal Disclosures](#)

Eligibility

 **21 and older**

 **Peanut Allergies**