



## Wallus README

Avika Patel | Juben Rana | Madison Fan | Xinyi Wang

### Prototype

To access the interactive prototype, click the link below.

<https://tinyurl.com/2apbb8k6>

### Target Audience

Wallus is designed for a younger population ranging from aspiring high school students to fresh college graduates wanting to make connections through investments.

### Design Tools

To create our med-fi prototype, we used Figma, a collaborative online web application for interface design.

PROS	CONS
<ul style="list-style-type: none"> <li>- Real-time collaboration</li> <li>- Cloud based (no back-and-forth file sharing necessary)</li> <li>- Can add interactive elements</li> <li>- Figma Mirror to test</li> <li>- Plug-ins!!</li> </ul>	<ul style="list-style-type: none"> <li>- Requires internet connection</li> <li>- Can't tell who added each edit</li> <li>- Requires high tech computer</li> <li>- Not all team members are experienced with the platform</li> </ul>

## Operating Instructions

The interface is very intuitive. Most of the buttons are clickable and do something when pressed. You can scroll the page by swiping on your trackpad or by drag-clicking the screen with your mouse. Listed below are some important buttons and tabs and their significance.

### Tabs

- Home: View your investments and how well they are doing.
- Search: Search for people, investment groups, stocks, or even words related to investing.
- Market: View recommended stocks and index funds.
- Community: See what your friends are up to.

### Notification Button

- At the top-right corner of the home page, you'll find the notification button that leads to a page containing the groups you've been invited to. You'll also find Wallus recommendations on this page.

### Chat Room

- From the profile page of the investment groups that you are a part of, you can enter the chatroom for that group and communicate with other group members.

All three of our tasks share the same starting page so once you open the prototype, you can complete any task of your choice from the three available.

- Task 1: Accept invitation to join an investment group.
- Task 2: Create an invitation for a friend to join an investment group you are in.
- Task 3: Use in-app resources to learn about the market and invest in a new stock.

## Wizard of Oz

1. Displaying user's investment growth over the past year  
**Why?** The platform currently does not have real users and the platform itself is fairly new. So, there is no way to have real user-specific investment data.
2. Wallus recommendations and tips are based on human not on AI  
**Why?** Since the user data is hardcoded, it is impractical at this stage of development to create an algorithm to churn out recommendations and tips.
3. Embedding investopedia in the search tab  
**Why?** We do not yet have a database for the app and creating one at this stage is impractical.

## Hard Coded Items

1. Investment groups that the user is involved in  
**Why?** We currently do not have any real users on the platform. So, we cannot use real data.
2. Investment options with fake data  
**Why?** We don't have a database that keeps track of investment options and that would be very difficult to do in Figma.
3. User's friends  
**Why?** There are no real users on the platform.

4. User's balance and investing amount

**Why?** Again, there are no real users on the platform.

5. Search results

**Why?** We do not have real users and do not have a database with stock info. We also do not have a financial dictionary at the moment.

6. Market trends/information

**Why?** We are not keeping track of live market data since that is very difficult to do in Figma.

## Limitations

1. Incomplete Content

Many of the tutorials and dictionary definitions have not been developed, and thus, are marked as "Coming Soon" in the design. Numbers and charts are also arbitrary.

2. Click only

Many of our features will allow scrolling, such as the home feed (investment groups) and market (recommendations) which were not experienced with just clicking in Figma.

3. Limited Search

While there are a range of stocks, friends, or concepts that a user can search with the Search feature, the design only has a pre-set example for each. Specifics of choices are non-existent. This is because we do not have real users on the platform and because we do not have a database keeping track of this information. Besides, these functionalities are impractical, if not impossible, to implement in Figma.