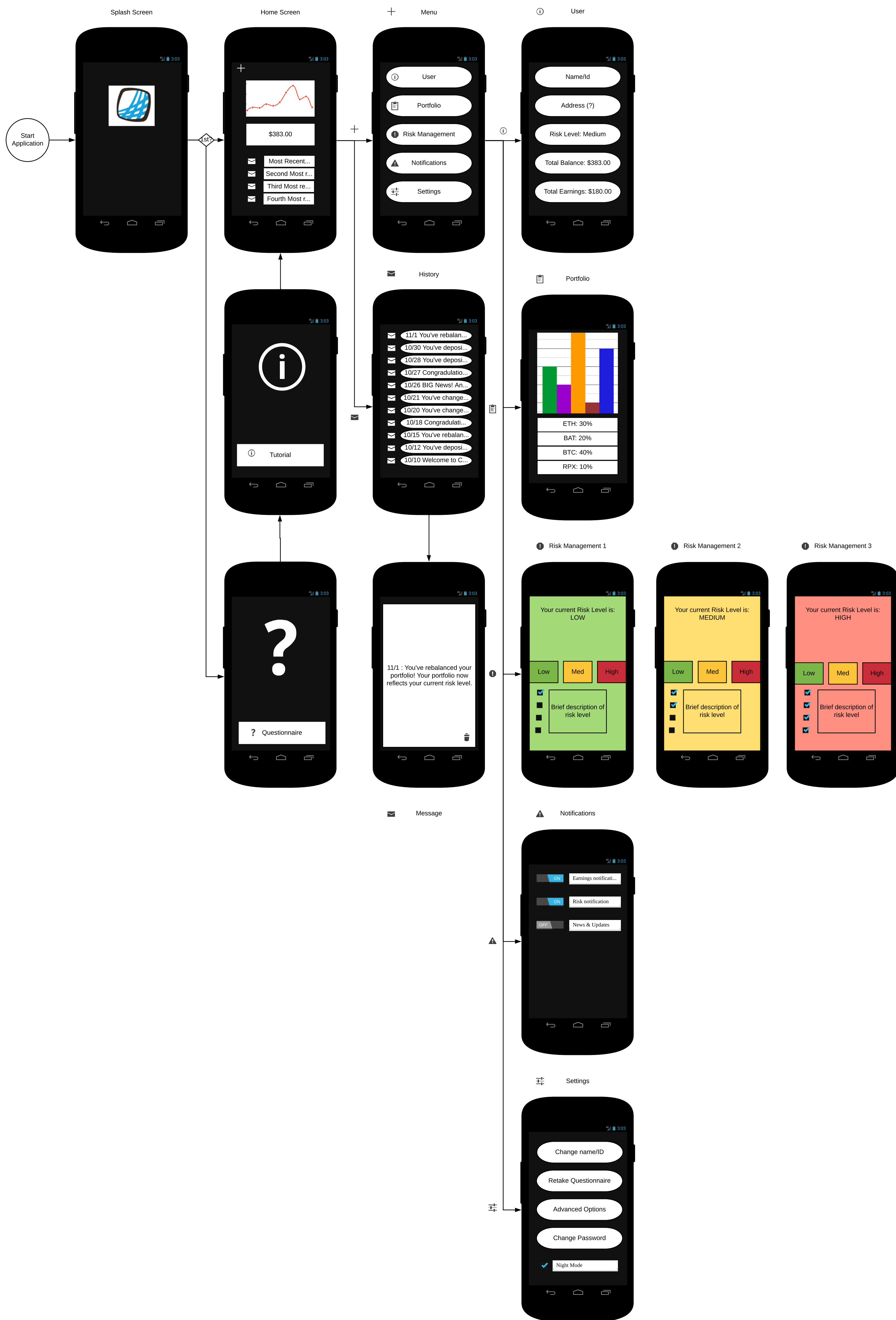


	<p>BLOCKCHAINASSETS</p>	
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Splash Screen



- When the application is launched a **Splash Screen** with the App logo is displayed for two seconds before transitioning to either the **Home Screen** or the **Questionnaire Screen**.
- If the app is launched for the first time, then the user is taken to the **Questionnaire Screen** where he will create a profile, otherwise he is taken to the **Home Screen**.

Questionnaire Screen



- Here a user creates his/her profile, and is presented with a questionnaire that will choose his portfolio based on his risk profile, and feeding this information to the AI.
- After this step is completed the user has effectively created a portfolio of cryptocurrencies to invest, and doesn't have to do anything else.
- Users are given any pertinent information and then taken to the **Home Screen**.
- More advanced users can customize their options later on, via the **Menu Screen**.

Home Screen



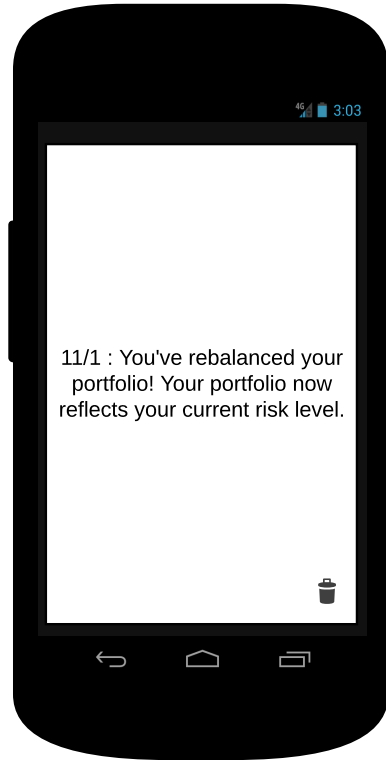
- The **Home Screen** displays a real time curve, fetched from our Firebase Server. This server hosts our AI, which is tailored to the user's risk profile. This curve is not clickable. Below, the user's balance is displayed in real time, updated every x seconds.
- At the bottom, a list of the most recent messages are displayed and clickable for the user to read. Clicking on any ✉ button takes the user to the **History Screen**.
- On the top left, a + button opens up the **Menu Screen**.
- Clicking the back button closes the app.

History Screen



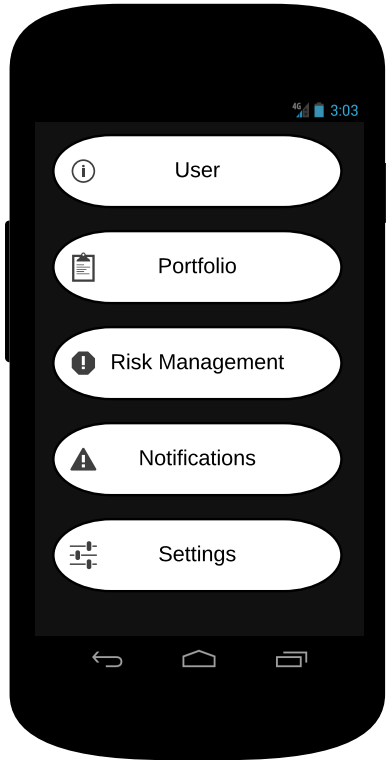
- The History Screen displays a scrollable list of the most recent x messages, ordered in descending order by date.
- x is calculated in direct proportion of the screen's height.
- The option to "delete all messages" is found in the **Settings Screen**.
- Clicking on any message takes the user to the **Message Screen**.
- Clicking the back button takes us to the **Home Screen**.

Message Screen



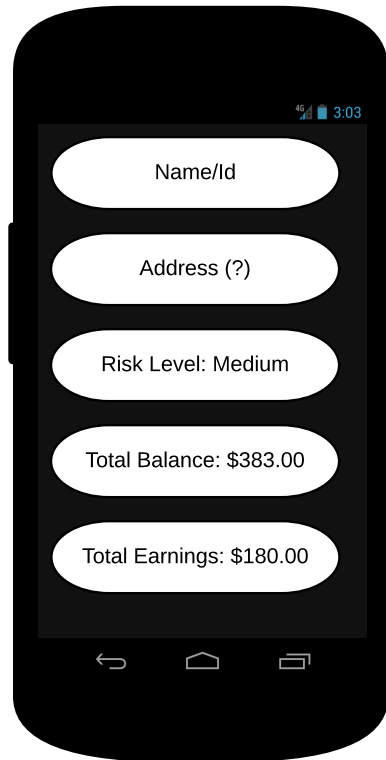
- The message screen displays a message from the **History Screen**
- Messages can be deleted individually by clicking on the trash bin icon. This prompts the user to confirm the action.
- Clicking the back button takes the user to the **History Screen**.

Menu Screen



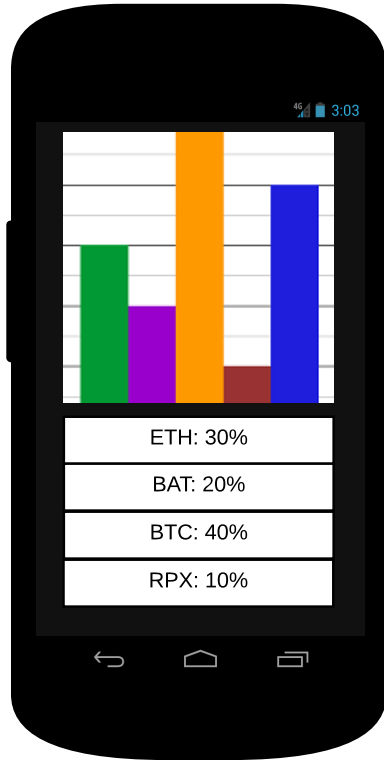
- The Menu Screen allows a user to change the most basic options in the application.
- Clicking on the User button takes us to the **User Screen**.
- Clicking on the Portfolio button takes us to the **Portfolio Screen**.
- Clicking on the Risk Management button takes us to the **Risk Management Screen**.
- Clicking on the Notification button takes us to the **Notifications Screen**. Where users will be able to choose which notifications to receive.
- Further customization and more advanced options can be found by clicking the Settings button (takes user to the **Settings Screen**). These options include: changing name/Id, retake the first questionnaire (takes the user to the **Questionnaire Screen**), change password, change to night mode, and finally to further customize the experience via Advanced Options. These are meant to be tweaked only by advanced users and are beyond the scope of this presentation.

User Screen



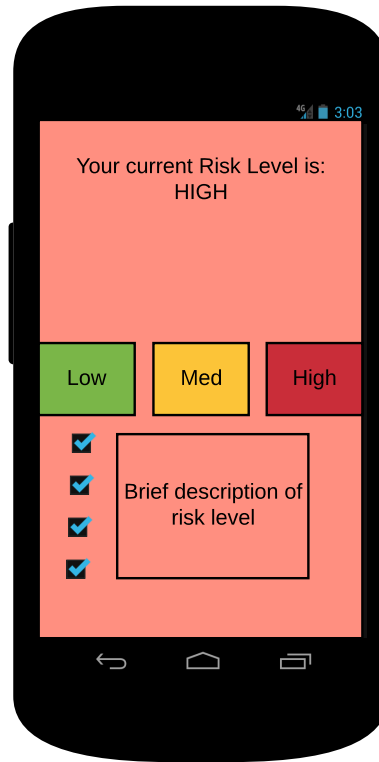
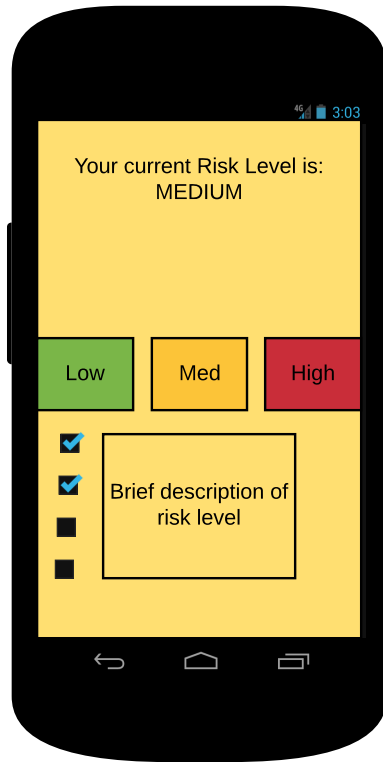
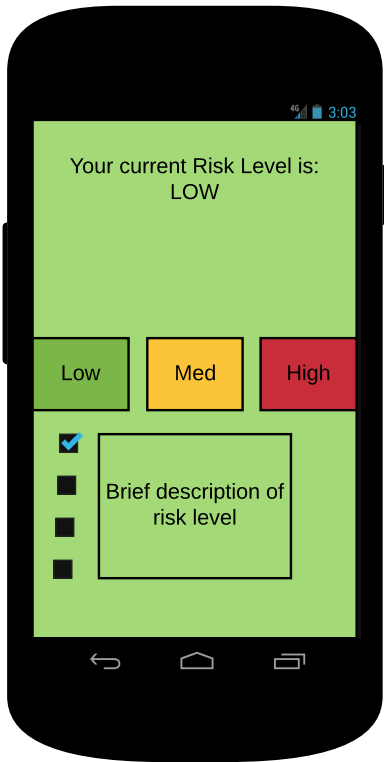
- The user screen condenses all user-related information in one activity.
- It displays the Name/Id of the User, his ethereum address, his current risk level, his total balance and his total earnings.
- None of this fields are clickable: The values here displayed are purely informative. This makes the app more user friendly, as more advanced users will change the risk level, choose their current identity or connect to another wallet elsewhere.

Portfolio Screen



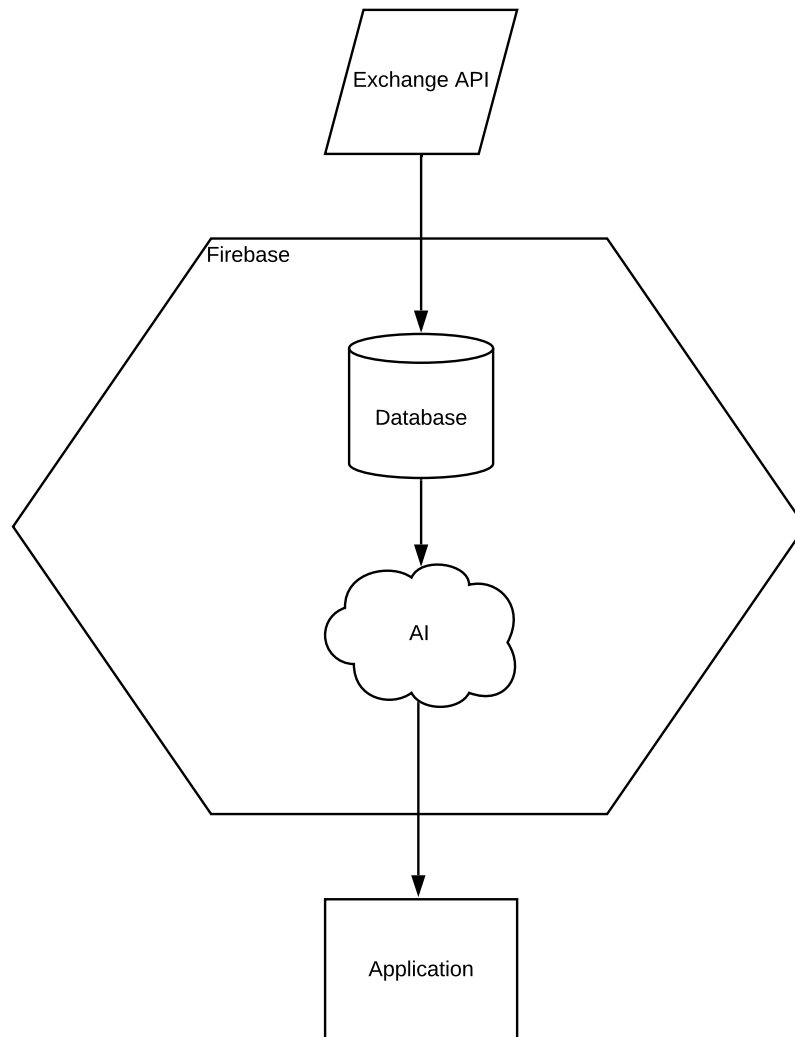
- This activity displays the current portfolio of a given user.
- The weighted values each of their assets (as chosen by the AI) are shown in a column graph.
- Percentages of each asset are shown below.
- None of this fields are clickable, as beginner users have no need to change this manually and advanced users can customize their portfolio in the advanced options menu.

Risk Management Screen



- This activity displays the current risk level of a user.
- There are 3 main risk levels: Low, Medium and High. The first risk level of a given user is chosen via the **Questionnaire Screen**.
- Subsequent risk levels can be chosen via the **Menu Screen**.
- The Risk Management Screen also displays a brief description of the current risk level
- This activity also allows the user to slide to a different risk level and confirms the change after prompting the user.

AI Integration



1. We fetch data from an exchange through a websocket. This raw data will train our AI to make accurate predictions from the future. These values live Google's Firebase servers and will be updated in realtime.

2. The database, in its simplest form, is comprised of data from the last year. Each entry has: a timestamp, the price of a given asset at that given time. A new entry is added every x seconds.

3. This bulk of information will be fed to our Deep Learning algorithm. The first time it runs it will use the whole database as its data set. The following iterations will add freshly fetched data from the API to its input.

4. A user connects to our AI through our application. In the background, it will perform the pertinent changes to adjust to our AI's suggested portfolio. Once that happens it will:

- Update the graph in the home screen to reflect the changes.
- Update the user's balance in the home screen.
- Update the new portfolio of cryptos in the Portfolio screen.