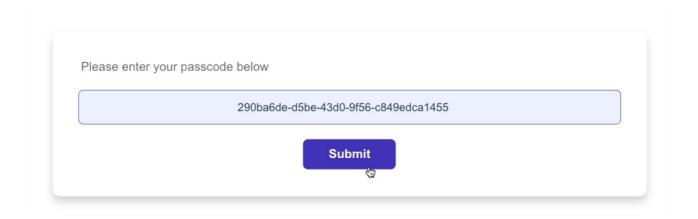
## **Experiment Guidelines**

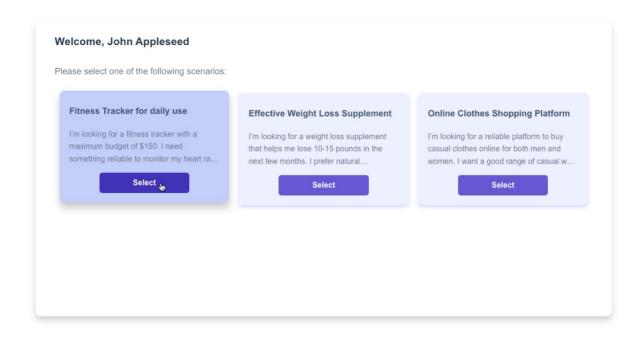
## In this experiment

- 1. You will participate in 3 decision-making tasks and give your preference for each choice.
- 2. After giving your preference, you will talk to the assistant for at least 10 turns.
- 3. Once you are done with the conversation, you should update your scores and submit them to finalize each task.

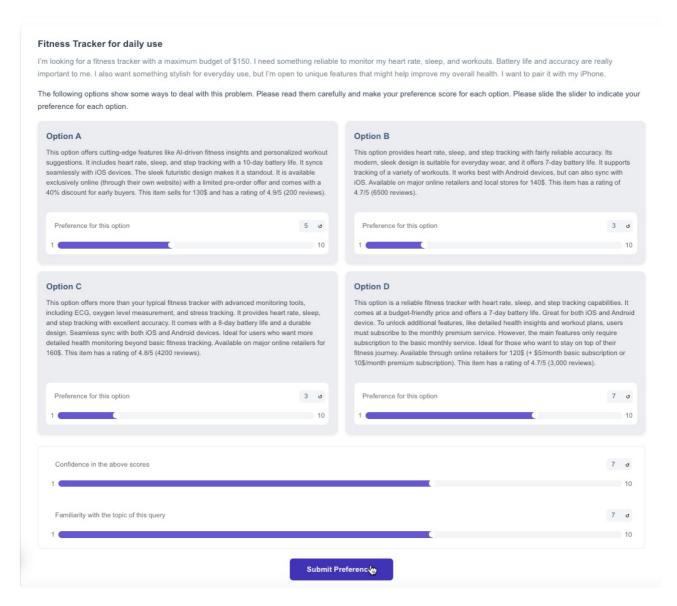
Thank you for participating in our research. In this study, you will complete a series of decision-making scenarios.



First, you should use your computer (**do not use a mobile phone**) to log onto to our experimental platform (<a href="https://www.coai-lab.org">https://www.coai-lab.org</a>) and enter the password that was provided to you after completing the initial questionnaire.



After logging in, you will see 3 decision-making scenarios. You can click "Select" to see the content of each scenario.



After selecting one of the tasks, you will see the personal needs in the user query corresponding to the scenario, including a user query and detailed information of the available options. You should

- 1. Give each option a preference score of 1 to 10 based on the given query and your intuition (the higher the score, the higher the preference for the option).
- 2. Report your confidence for the reported preference scores, from 1 to 10 points
- 3. Report your familiarity with the topic of this task, from 1 to 10 points.

After providing all the scores, you can click "Submit Score". Remember, there is no right or wrong choice in these tasks.

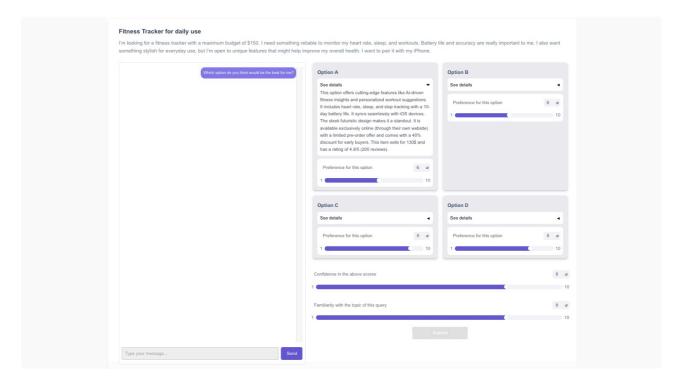
Then, you will enter the conversation page. Within your conversation with the AI, you should discuss the tradeoffs between options in detail to get a better grasp of each option. You can

 Share your preferences for each option (the Al does not have access to your scores in the previous page)

- 2. Inquire about different options to improve your confidence in your decision while increasing your familiarity with the topic.
- 3. Discuss why an option is suitable/unsuitable for you.

Once you have entered your message in the dialog box, you can click "Send" in the blank box on the left to talk to the Al assistant. The Al assistant will provide you with personalized guidance and help in decision-making based on your personality in the initial questionnaire.

If your the content of your conversation is not related to the task at hand, your compensation will be highly affected. Please **wait** until the AI assistant has responded before sending another message.



During the conversation, you can update your scores (preference, confidence, and familiarity). You need to chat with the assistant for at least 10 rounds (one round = one message from you + one response from the Al assistant) before you can submit these scores (click "Submit score" in the lower right corner). After submitting the score, the conversation ends and the task is complete.

You **must** repeat the above process until all scenarios are completed. After that, the platform will prompt you to complete the final questionnaire through the provided URL. You need to complete this conversation to receive the full compensation.

## Frequent Errors

You may encounter the following problems:

(1) If the chat interface does not display or there is a problem with the interface, please check your network connection and try to reload or login again.

(2) If there is a network problem or error at the end of the chat with the assistant, please take screenshots of the chat history and your scores before and after. Otherwise, you need to record your scores first (to prevent forgetting the scores when redoing) and then do the task again.

Thank you again for participating in our experiment. We appreciate your time and effort.