

## User Experience Questionnaire

The questionnaire has 7 questions in total, with 4 being asked before the experience and 3 for after the experience has been completed. This questionnaire is designed to receive feedback about the experience that the user has had. The questions before are about required information for category placement. No information that would allow identification has been recorded.

### Question before test:

1. How old is the user?
2. What gender is the user?
3. What is the level of programming experiencing the user has? (Novice, Intermediate, Advanced)
4. Are they interested in robotics or coding in general?

### Question after test:

- A. How did the user find the experience?
- B. Did the user feel like they learned something?
- C. Would the user continue in the editor given more functionality?

### User Answers:

#### User 1:

1. 25
  2. Female
  3. Novice
  4. No interest
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- A. It was fun and easy to follow along with. Tasks were not difficult.
  - B. Learnt logic about how to navigate a robot around obstacles
  - C. If they want to learn about robotics. (User is in no computer science field)

#### User 2:

1. 30
2. Male
3. Novice
4. No interest

- A. A bit confusing at the start but gained a general idea of the goal and objective.
- B. Understood the robotics logic.
- C. If the functionality was expanded with a goal to find something, then yes.

User 3:

- 1. 28
- 2. Female
- 3. Novice
- 4. No interest

- A. A good experience, had fun
- B. Never done coding, but understand the logic behind controlling a robot
- C. Yes!

User 4:

- 1. 26
- 2. Male
- 3. Novice
- 4. Was, but not anymore, lost motivation due to complexity

- A. Found it fun and engaging
- B. Yes! Managed to navigate the robot around the environment with ease and found it intuitive.
- C. Had ideas on how the simulator can be improved! This shows that he is interested and engaged enough to expand on a project

User 5:

- 1. 54
- 2. Male
- 3. Intermediate
- 4. Yep! Focus in networking

- A. Interesting, fun
- B. Yes, think the UI is intuitive
- C. Yes, would be excited to see future possibilities

## Conclusion:

The participants in this experience showed positive emotions and reactions after the experience had taken place. The answers reflect that this editor is fun and intuitive. After a little guidance all the users were able to navigate and expand on the introductory code built with guidance. Ideally the guide would come in the form of a text bubble over the editor, but for this questionnaire the guidance was given by the developer.