**Schedule for human-likeness of robotic arm Pilot Study**

1. Prepare the laboratory room
   1. Move aside any distracting objects
   2. Position the table and the two chairs
2. Check and start the setup
   1. Start the PC
   2. Start the Robot Arm
   3. Connect to PC, unlock the arm and release the control
   4. Check parameters and start the program
3. Greet the participant and guide them into the room
   1. Explain the participant information and answer any questions

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| --- | --- | --- | --- | --- |
|  | Method 1 | Method 2 | Method 3 | Total |
| Experiment 1 | 1 | 1 | 1 | 3 |
| Experiment 2 | 1 | 1 | 1 | 3 |
| Experiment 3 | 1 | 1 | 1 | 3 |
|  | 3 | 3 | 3 | 9 |

* 1. Watch the entire experiment to and fro motion of the task
  2. Please check the questionnaire before you start
  3. After each run you need to fill the questionnaire
  4. Have them fill out the profile form

1. Ask the participant to turn off their phone
2. Start the experiment
   1. Have the participant stand at the mark and familiarize them with the setup
   2. Provide instructions and answer any questions
   3. Conduct three experiment runs and answer any question
   4. Experiment 1 run all the three runs and fill all the 3 questionnaires
   5. Experiment 2 run all the three runs and fill all the 3 questionnaires
   6. Experiment 3 run all the three runs and fill all the 3 questionnaires
3. After the runs:
   1. Debrief and explain the purpose of the experiment
   2. Collect the questionnarie forms and label them accordingly
4. Post-experiment
   1. Shut down the PC and Robot arm

Experiment Details

Experiment 1: Reach for the bottle

The arm reaches the bottle from the initial position and gets back

Experiment 2: Reach to shake hand

The arm reaches the position to make a hand shake and gets back to initial position

Experiment 3: Raise the hand

The arm raises the hand from initial position and get back to the initial position