Subject Number:

System Number:

Shared Control Subject Review

Please rate the following according to your simulator experience:

Smoothness of travel (e.g. How did you find the movement flow of the wheelchair?):

Very smooth	**Fairly smooth**	**Moderately smooth**	**Fairly jerky**	**Very jerky**

Ease of use (e.g. How difficult did you find the controls? How easy was it to understand the system?):

Very simple	**Fairly simple**	**Moderately simple**	**Fairly difficult**	**Very difficult**

Stress levels (e.g. How did you feel operating the wheelchair? Did you feel frustrated/stressed?):

Very relaxing	**Fairly relaxing**	**Moderately relaxing**	**Fairly stressful**	**Very stressful**

Control (e.ge How much control did you feel you had during the trail? Did you feel out-of control at any time?):

Very in control	**Fairly in control**	**Moderately in control**	**Fairly out of control**	**Very out of control**

Please use this space for any additional comments:

Time taken to complete trial: ☐ Number of collisions made: ☐

Frequency of commands:

Forward:	Back:	Left:	Right:	Stop:

Shared Control Review - Information Sheet for Participants

Investigators:

Caroline Davie, MSc student, Strathclyde University, Caroline.Davie@strath.ac.uk

Dr. Heba Lakany, Supervisor, Strathclyde University, Heba.Lakany@strath.ac.uk

Outline:

The aim of this task is to test various levels of computer-aided control of a robotic wheelchair. You will be asked to complete several tasks in a virtual environment, using 3 different methods of control. During each, your performance will be evaluated and you will be asked to perform a short survey detailing your experience.

The wheelchair is controlled using a directional keypad, operated by one hand. The methods of control will be explained to you in more detail before each trial, and you will have the opportunity to familiarise yourself with the system.

Health and safety:

You should notify a supervisor if you have a pre-existing condition which may affect your performance in this trial, particularly:

- A visual disability that will affect your perception of objects on a screen.
- A motor disability that will affect your ability to perform key strokes with one hand.
- A sensitivity to light, computer displays, or perceived motion which could present a danger to your health or comfort.

You retain the right to stop the trial at any point for any reason. Please inform a supervisor if you feel uncomfortable or wish to withdraw.

Data protection:

All data will be stored anonymously and securely. You may request to view your performance evaluation after the trials have been completed.

Issues:

All issues may be raised with the trial supervisors before, during, or after the trail. Additionally, independent complaints can be made to the Strathclyde University safety co-ordinator Mr. Brian Cartlidge, Brian.Cartlidge@strath.ac.uk, Bioengineering Unit, Room 4.02, Tel: 0141 548 3283 (Ext. 3283).

Declaration of Consent:

I agree that I have read this information sheet, and I am free to request more information from the supervisors. As a willing participant, I can withdraw from the trial at any point.

Signature: _____

Date: _____