Pre-Project Echoscape-VR Spatial Cognition Survey

1. What is your BCU Email Address (It will only be used as ID. It will not be published)

:::

2. I have read and understand the Project's Information Sheet. The Information sheet can be found here: https://mailbcuac-my.sharepoint.com/:w:/g/personal/basmah_arif_mail_bcu_ac_uk/ERjnWNZTp-1Lg_KnS5QtzhsBNde4DPvxJvqSECf3jYlAsg?e=Y48aht *

   ◯ Yes

   ◯ No

3. I have read the consent form and agree to be included in the Project (YES to all statements). The consent form can be found here: https://mailbcuac-my.sharepoint.com/:w:/g/personal/basmah_arif_mail_bcu_ac_uk/EewJx4Q5i35CpRfntYK2K0IBMx6kkp5y-mA9B4-OIvwWzg?e=x2pccZ *

   ◯ Yes

   ◯ No

4. What will best describe your status? *

   ◯ Student

   ◯ Employed

   ◯ Unemployed

5. What is your age? *

   ◯ 18-20

   ◯ 21-24

   ◯ 25-29

   ◯ 30-34

   ◯ 35-39

   ◯ 40-44

   ◯ 45-54

   ◯ 55 and over

   ◯ I prefer not to say

6. What's your ethnicity? *

○ Arab

○ Asian - Bangladeshi

○ Asian - Chinese

○ Asian - Indian

○ Asian - Other

○ Asian - Pakistani

○ Black - African

○ Black - Caribbean

○ Black - Other

○ Mixed - Other

○ Mixed - White/Asian

○ White - English

○ White - Irish

○ White - Other

○ Prefer not to say

7. Do you have a Disability or Medical Condition? *

○ Yes

○ No

8. If yes, has this affected your engagement with Virtual Reality in this trial?

○ Yes

○ No

9. Which study year are you in?

○ BSc Year 1

○ BSc Year 2

○ BSc Year 3

○ MSc Student

10. I have significant prior experience with virtual reality (VR) environments.

  - (Scale: 1 - Strongly Disagree ,   5 - Strongly Agree)

 *

☆ ☆ ☆ ☆ ☆

11. How comfortable are you with pathfinding in 3D video games or virtual environments?

  - (Scale: 1 - Very uncomfortable ,   5 - Very Comfortable)

 *

☆ ☆ ☆ ☆ ☆

12. How easily can you remember locations using visual landmarks or colored pathways?

  - (Scale: 1 - Very difficult,   5 - Very easy)

 *

☆ ☆ ☆ ☆ ☆

13. Are you prone to motion sickness or discomfort in 3D virtual environments?

  - (Scale: 1 - Never ,   5 - Always)

 *

☆ ☆ ☆ ☆ ☆

14. When finding your way in a new location, do you mentally create a map of the environment?

  - (Scale: 1 - Never ,   5 - Always)

 *

☆ ☆ ☆ ☆ ☆

15. How would you describe your overall sense of direction?

  - (Scale: 1 - Very Poor ,   5 - Excellent)

 *

☆ ☆ ☆ ☆ ☆

16. Which type of cues do you usually rely on most for pathfinding in new environments? *

  ○ Only visual cues (maps, signs)

  ○ Mostly visual cues, with some auditory cues

  ○ Visual and auditory cues equally

  ○ Mostly auditory cues, with some visual cues

  ○ Only auditory cues (sounds, directions)

17. I expect to remain fully focused during the VR pathfinding task *

Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
○	○	○	○	○

18. I am confident that I will complete the objectives successfully in the VR environment. *

Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
○	○	○	○	○

19. I expect that the pathfinding task will be challenging but achievable. *

Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
○	○	○	○	○

20. What strategy (if any) do you plan to use for pathfinding during the VR experience? *