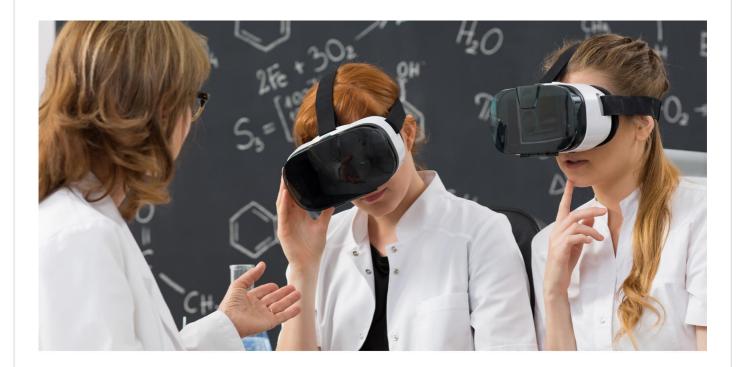
CSD3120 Team 21 VR Questionnaire

The purpose of this questionnaire is to evaluate the users on:

- 1. Flow State Scale
- 2. Virtual Reality Sickness

To further improve our immersive Chemistry lesson in a virtual reality environment.

Survey is done after attempting our Chemistry lesson using Oculus Quest 2.



Flow State Scale

| To what extent did you feel fully absorbed and immersed in the chemistry lesson while using * the Oculus Quest 2? |
|---|
| Not at all |
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| Very much |
| How challenging did you find the chemistry lesson experience using the Oculus Quest 2? * |
| Not at all |
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| Very much |
| |
| |
| |
| |
| |

| How skilled and capable did you feel while using the Oculus Quest 2 to complete the chemistry lesson? | |
|---|--|
| Not at all | |
| 1 (| |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| Very much | |
| | |
| How automatic and effortless did the use of the Oculus Quest 2 feel while performing the *chemistry lesson? | |
| Not automatic at all | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| Very automatic | |
| | |
| Did you lose track of time during the chemistry lesson experience using the Oculus Quest 2? * | |
| ○ Yes | |
| No | |
| | |

| How rewarding did you find the experience of completing the chemistry lesson using the Oculus Quest 2? | * |
|--|---|
| Not rewarding at all | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| Very rewarding | |
| | |
| Was your attention deviated from the chemistry lesson at any point of time? * | |
| Yes | |
| No | |
| | |
| Did your movements feel natural during the chemistry lesson? (Did not have to think) * | |
| Yes | |
| ○ No | |
| | |
| Virtual Reality Sickness | |
| | |
| | |
| | |
| | |

| Did you experience any discomfort or nausea while using the Oculus Quest 2 to complete * the chemistry lesson? | |
|--|--|
| Yes | |
| ○ No | |
| | |
| If yes, please describe the level of discomfort or nausea you experienced while using the Oculus Quest 2 for the chemistry lesson. (Mild, moderate, severe, extreme) Mild | |
| | |
| Did you feel disorientated or confused while using the Oculus Quest 2 for the chemistry * lesson? | |
| O Yes | |
| No | |
| | |
| How long did you use the Oculus Quest 2 for the chemistry lesson before experiencing any * discomfort or nausea? | |
| < 5 mins | |
| 5 mins - 15 mins | |
| 15 mins - 30 mins | |
| | |
| > 30 mins | |
| > 30 mins Did not get nauseous at all | |

| Did you feel any motion sickness while using the Oculus Quest 2 for the chemistry lesson? * |
|---|
| Yes |
| ○ No |
| |
| Did you feel any eye strain or headaches while using the Oculus Quest 2 for the chemistry * lesson? |
| Yes |
| O No |
| |
| How clear was your spatial awareness? * |
| Confusing |
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| Very Clear |
| |
| |
| |
| |

| How difficult was it to use the Oculus Quest 2 controllers to navigate the scene? * |
|---|
| Very easy |
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| Very difficult |
| |

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