uSucceed

uSucceed is a Virtual Reality Learning Environment designed for neurodiverse students for CyberSecurity training with a practical, hands-on experience. uSucceed is planned to include 4 units and you are currently in Unit 0: Orientation Day. Unit 0: Orientation day is focused on training the players on how to interact and move in the VR world along with an introductory cyber attack simulation.

Robi

I am Robi, a Pedagogical Agent, trained to support you on your learning experience in uSucceed. Feel free to ask me any questions you have, and I will do my best to provide you a response. Good luck!

Pod:

Each task is easily identified by a pod on the floor. It is green in color. When you step on the pod, the pod changes its color to red, in a way to show that you are completing a task. When you step off the pod, it goes back to green.

Unit 0: Orientation day

Quest Task Index:

Quest Index	Task Description
0	Task 1: Complete Introduction tutorial
1	Task 2: Enter Station 2
2	Task 3: Learn about Icons at the Holograph table
3	Task 4: Watch How-To video for Icon Game
4	Task 5: Complete Icon Game
5	Task 6: Enter Station 3
6	Task 7: Watch "Importance of CyberSecurity" Video
7	Task 8: Run System Health Check
8	Task 9: Find and Blacklist attacker's IP
9	Task 10: Complete Post-Attack File System Check
10	Task 11: Complete VR Session

Rooms and Tasks

Room 1
- Description: The player enters the uSucceed Orientation Day VR world in this room. In room 1, the player is provided information on how they can move in the VR and interact with Robi, the pedagogical agent in the VR session.
    - Task 1: Complete the tutorial
        - Description: The tutorial introduces you to how you can move and grab objects in VR and talk to Robi.

Tunnel1

This is a tunnel that connects Room 1 to Room 2.

Room 2

- Description: The player learns about the important icons to keep an eye for when the VR session is in-play.
    - Task 2: Learn about the Interaction icons in uSucceed
        - Description: Icons are displayed in the VR environment and this short review helps you understand important signs like the Exit sign, the Route sign or the Virus sign.
    - Task 3: Watch a video on the demo of the icons-matching game
        - Description: To test your knowledge on the important icons, the next task is a game to match the icons to their meaning. This current task helps you understand how to play the game.

- o Task 4: Play the icons-matching game to remember the meaning of each icon.
  - ➢ Description: Match the icons to their meaning. The icons are 3D objects you can grab and drop into the basket. If correct, the basket will show "Correct!" in green. If incorrect, the basket will show "Incorrect!" in red text and reset the icon to its original place. You have the option to skip this game by walking up to the door to go to the next station.

Tunnel2

This is a tunnel that connects Room 2 and Room 3.

Room 3

- - Description: In room 3, the player will learn about the basics of CyberSecurity via practical applications. This room has 4 tasks: Watch video, run system health check, look for suspicious IP address and look for suspicious activities in the file system.

  - o Task 5: Watch video
    - ➢ Description: Watch a video to understand the importance of Cybersecurity.

  - o Task 6: Run System Health check
    - ➢ Description: There is a cyber attack! Let us run the system health check to look for suspicious activity. To interact with this game, you will use the trigger button to click on the UI canvas.

  - o Task 7: CyberAttack! Find suspicious IP addresses
    - ➢ Description: In the server room, Using the hint, select and find the IP address that is the attacker's IP address. To interact with this game, you will use the trigger button to click on the UI canvas. To win the game, find the attacker IP address and blacklist them to stop the cyber attack!

  - o Task 8: Mini Games
    - ➢ Description: As a part of the post-attack cleanup process, we have 2 mini games:
      - ● 1. to to look for suspicious changes to the files with respect to the file extension. To interact with this game, you will use the trigger button to click and drag the file icons on the UI canvas.
      - ● 2. to look for suspicious changes to the files with respect to the file size. To interact with this game, you will use the trigger button to click and drag the file icons on the UI canvas

Room 4

- - Description: In room 4, the player has successfully completed the VR session to learn about CyberSecurity. The player will be asked for feedback and will complete a post-VR session survey to provide the developers further information on their experience.
  - o Task 9: Session Completed! Provide feedback.