

CASE-BASED SIMULATION

User Manual

Team Members:

Jacob Schmitt, Timothy Mai, Austyn Mancini, Kuan Liu, Nathaniel Hector, Sean Jerzewski

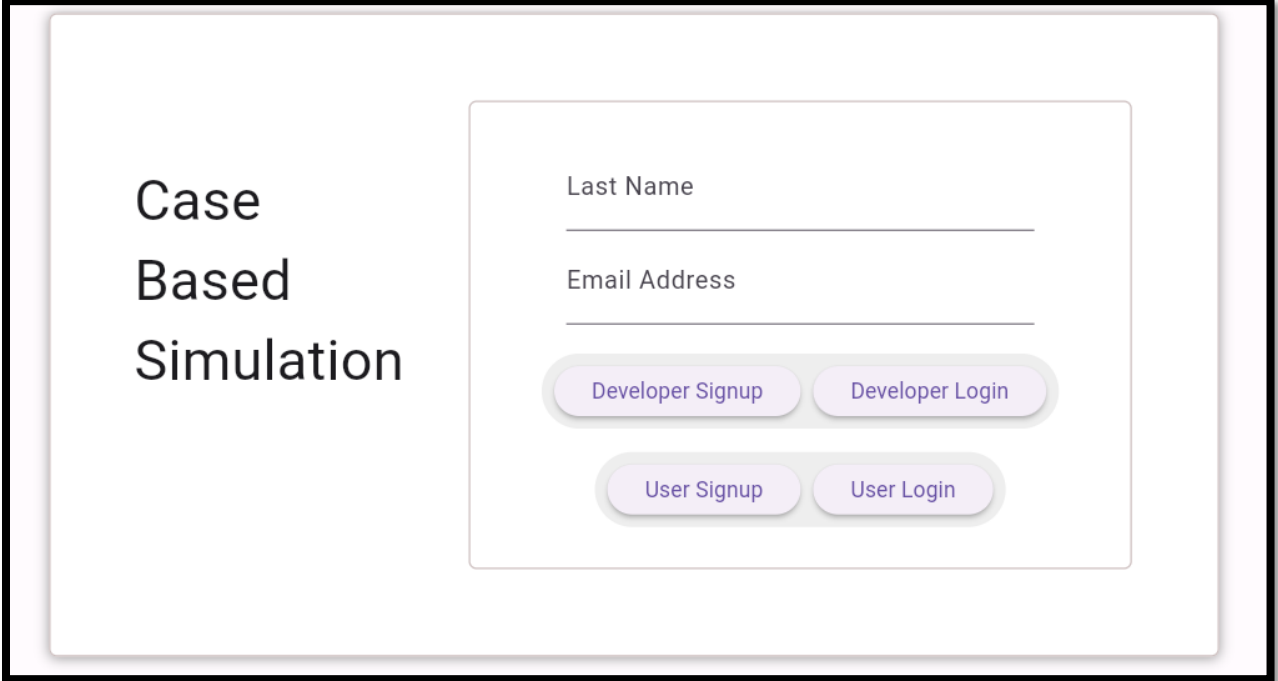
Sponsor:

Neil Toporski

Prepared by Timothy Mai

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The image shows a login and sign-up menu for a 'Case Based Simulation'. On the left, the text 'Case Based Simulation' is displayed in a large, bold, black font. To the right, there is a white rectangular box with a thin black border containing the login and sign-up fields. Inside this box, there are two text input fields: 'Last Name' and 'Email Address', each followed by a horizontal line. Below these fields, there are four buttons arranged in two rows. The top row contains 'Developer Signup' and 'Developer Login', and the bottom row contains 'User Signup' and 'User Login'. All buttons are light purple with rounded corners and a subtle shadow.

Case
Based
Simulation

Last Name

Email Address

Developer Signup Developer Login

User Signup User Login

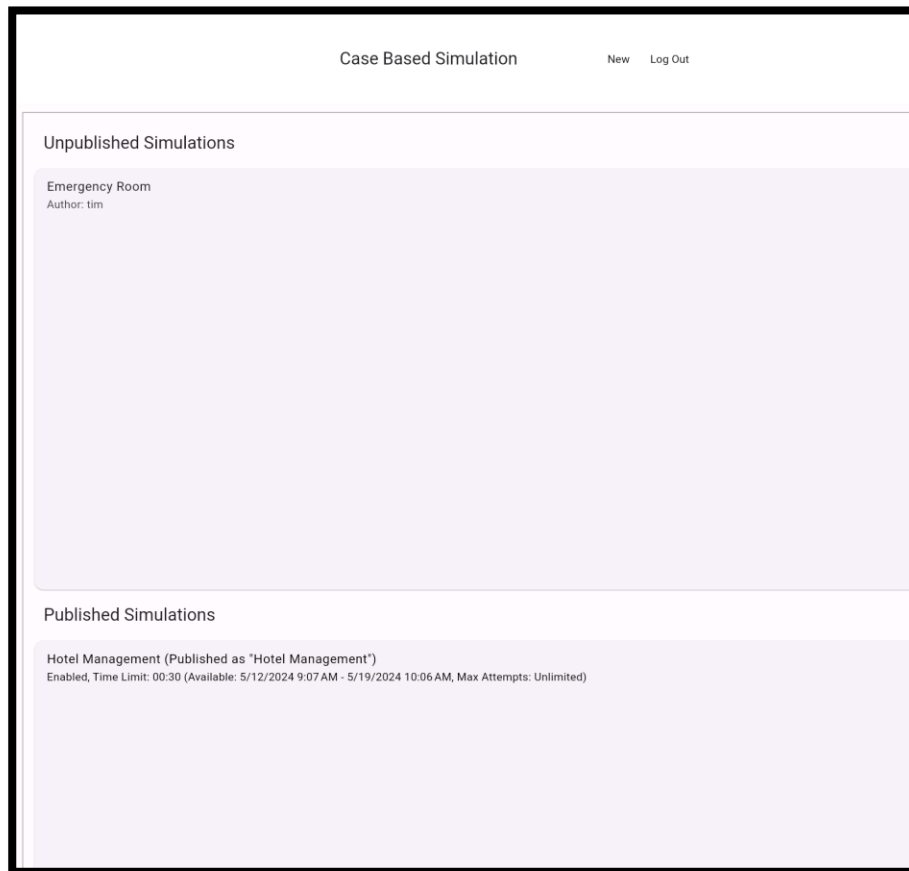
Logging In

- 1) Click the email text box to enter the Email linked to the account
- 2) Click the last name text box to enter the last name linked to the account
- 3) Click the sign button to login to an existing account

Signing Up

- 1) Click the email text box to enter an Email
- 2) Click the last name text box to enter your last name
- 3) Click the signup button to create an account

Developer Main Menu



Creating a new Simulation

- 1) Click the "New" button
- 2) Enter the name of the simulation

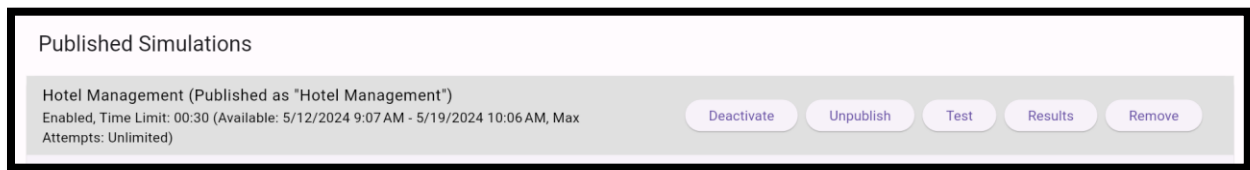


Editing a simulation

- 1) Select a simulation under the "Unpublished Simulations"
- 2) Click the "Edit" button
- 3) Screen will redirect to the Create Simulation Menu

Testing a simulation

- 1) Select a simulation under the "Unpublished Simulations"
- 2) Click the "Test" button
- 3) Screen will redirect simulation taking menu

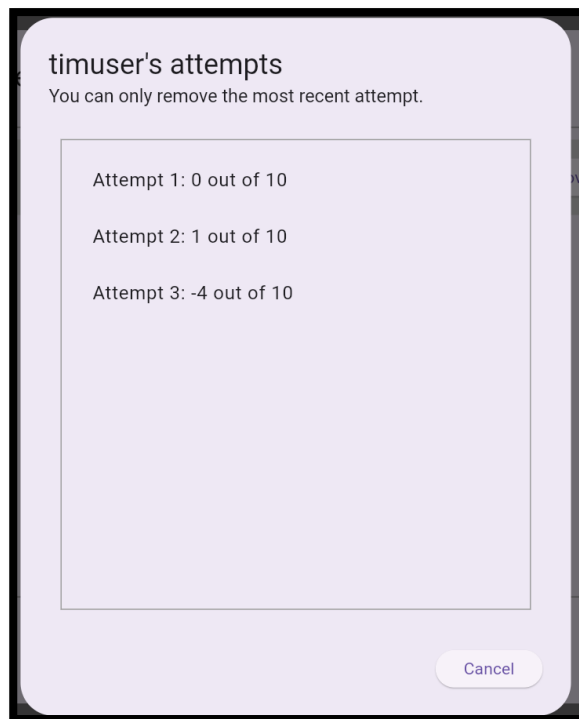
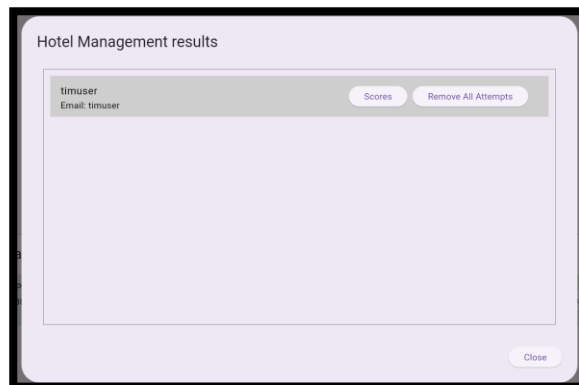


Unpublishing a simulation

- 1) Select a simulation under the “Published Simulations”
- 2) Click the “Unpublish” button

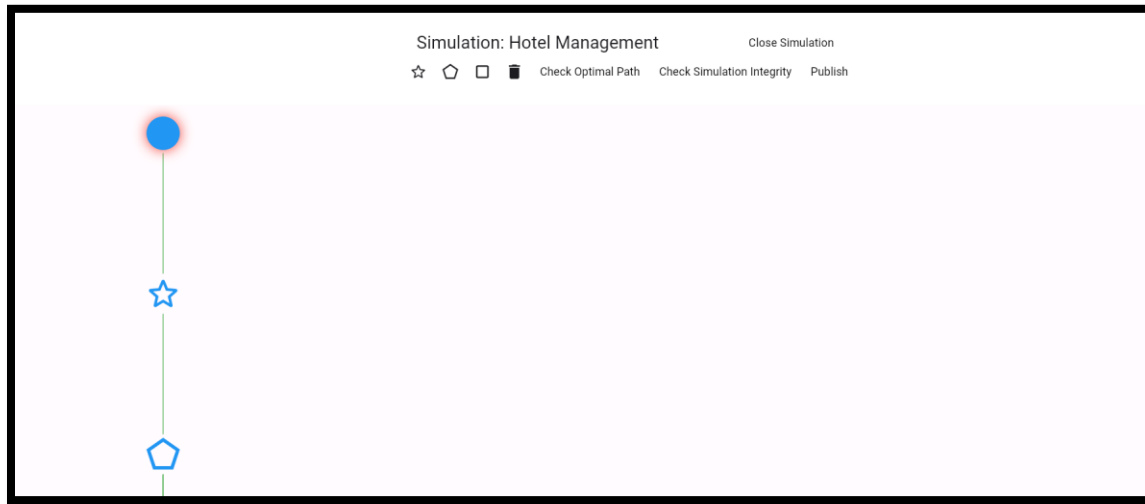
Deleting a simulation

- 1) Select a simulation
- 2) Click the “Remove” button



Viewing Results

- 1) Select a simulation under the “Published Simulations”
- 2) Click the Results
- 3) A modal with a list of users who have attempted will appear. Select a user to view scores
- 4) Click the scores button to view attempts

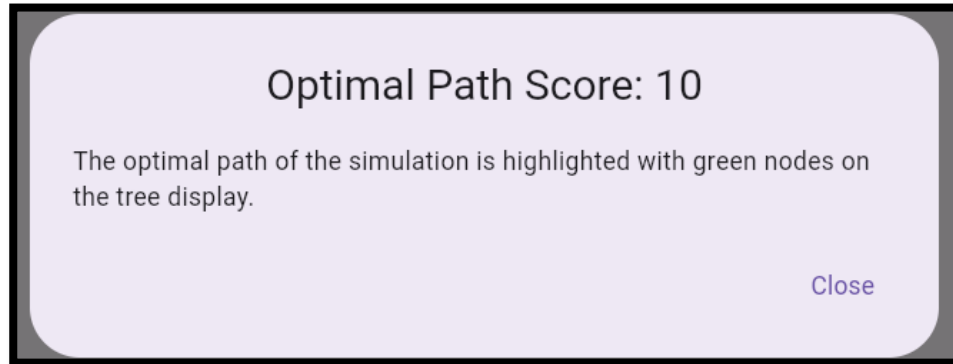


Selecting a Node

- Single press the node
- The selected node will then be highlighted with red

Opening a Node

- Double press the node



Checking Optimal Path

- Clicking the “Check Optimal Path” will reveal the optimal path with the green nodes
- A modal will also display with the best score possible

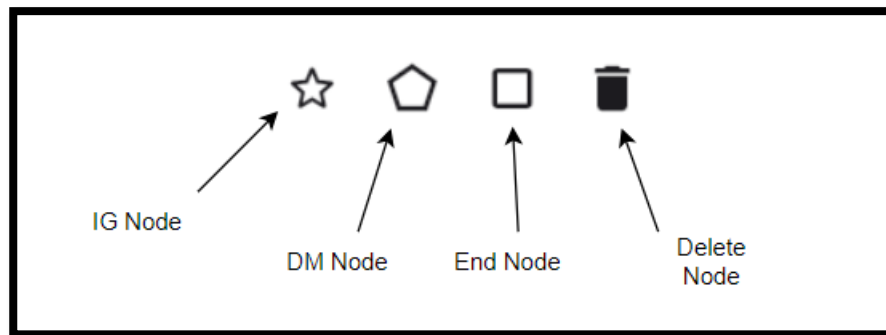
Invalid Simulation Integrity

Ensure that the highlighted node(s) have all their selected choice fields filled, have the correct number of children for its choices, and are part of a path that leads to an end node.

Close

Checking Simulation Integrity

- Clicking the “Check Simulation Integrity” button turn any invalid nodes red
- If a node is red, the issue could be one of the following: the current path does not lead to an end node, and a DM node may node have the same number of children respective to the choices filled



Adding a Node

- 1) Select a node to add a child to
- 2) On the menu bar press the desired node to be added to the selected node

Deleting a Node

- 1) Select a node to delete with their successors
- 2) Click the “Delete Node” button or the trash bin icon

Check Optimal Path Check Simulation Integrity Publish

Publish "Emergency Room" as

WARNING: You will no longer be able to edit this simulation unless it is unpublished.

Enter public display name here
Emergency Room

Availability

When these conditions are not met, users cannot complete simulations.

Enter Start Date
04-27-2024

Enter Start Time

Enter End Date

Enter End Time

☐ Available Forever?

Maximum Attempts: ☐ Unlimited Attempts?

PUBLISH

Publishing a simulation

- Click the "Publish" button
- A modal will display where the Start Date/Time needs to be filled out in order to proceed
- The public display name can be changed before publishing
- The number of attempts can be altered by clicking the "Maximum Attempts" and typing a custom number

Select time

8 : 30

Cancel OK

Enter time

8 : 30

Hour Minute

Cancel OK

Entering a time

- After clicking "Enter Start/End Time"
- The left modal will popup where the icon on the click can be dragged to select a time
- Clicking the bottom keyboard icon will change the modal to the right one
- The right modal will enable typing into the text boxes for the time

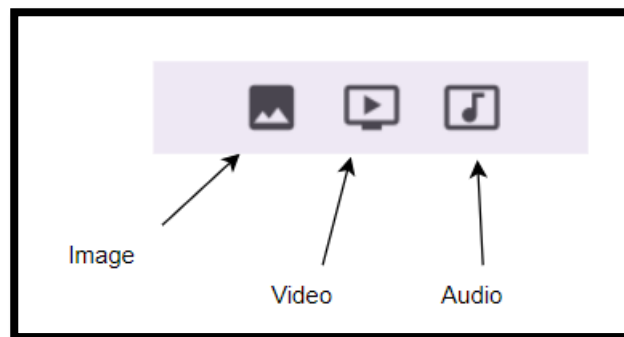
The screenshot shows a dialog box titled 'Scenario Node' with a close button (X) in the top right corner. Below the title is the text 'Hotel Management'. Underneath are three icons: a picture icon, a video icon, and an audio icon. A text area labeled 'Description' contains the text: 'A hotel customer approaches you as the hotel desk receptionist and complains that her room is filthy and wants to know how you intend to resolve this issue.' At the bottom of the dialog are two buttons: 'Save' and 'Cancel'.

Adding a description

- 1) Click the “Description” box
- 2) Type in the necessary information
- 3) Click outside the box to exit the text box

Exiting Node

- Clicking “Save” will exit while saving the changes
- Clicking “Cancel” will exit WITHOUT saving the changes



Adding Media

- Each node can store up to three types of media and maximum of one for each
- Image and audio will require a file from the computer
- Video will require a URL: supporting YouTube & Vimeo

Information Gathering Node

Description

"Which of the following questions should you ask your customer?"

Choices

Option 0 "What exactly is dirty"	Information "The bathroom, the bed is unmade, the	2 ↓	Explanation "Alright to ask."
Option 1 "What time did you arrive?"	Information "I just got here. You checked me in about	-1 ↓	Explanation "Inappropriate."
Option 2 "What do you want me to do about it?"	Information "I want you to fix it!"	-5 ↓	Explanation "Awful Customer service."

Save Cancel

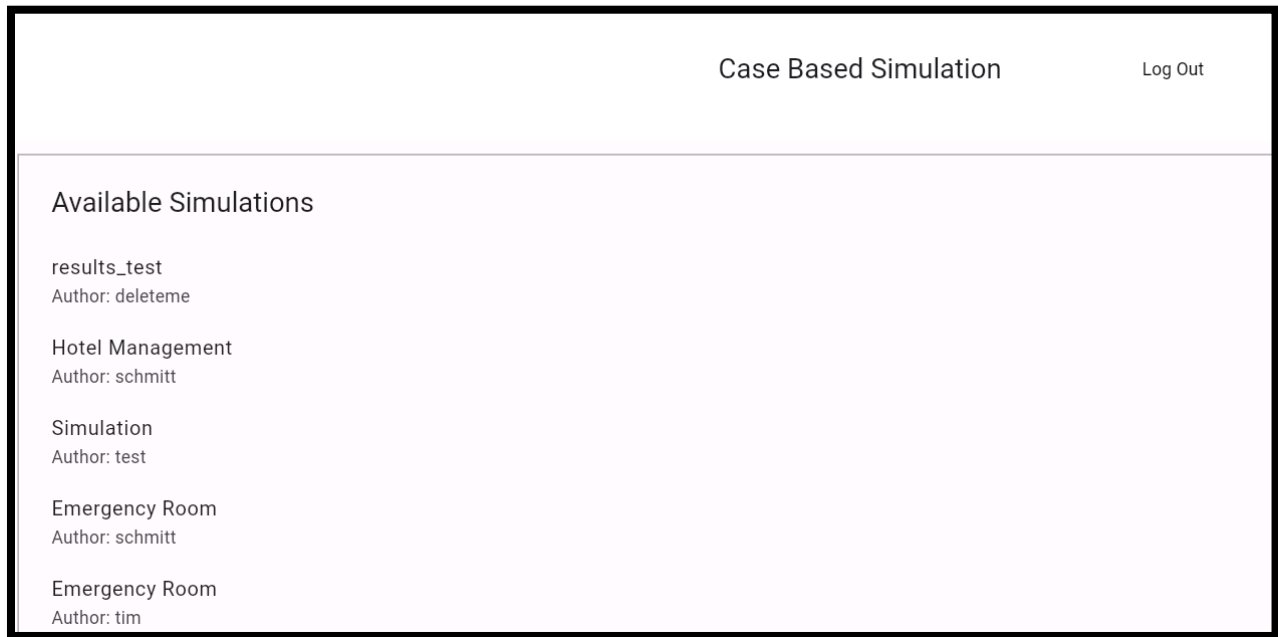
Creating Choices

- 1) Click an "Option" text box to type in the choice
- 2) Click an "Information" text box to provide information given to the user when they select that choice
- 3) Click the number with the arrows pointing down to choose the corresponding score for that row
- 4) Click the explain text box to type in why that choice is correct or incorrect

****An entire row has to be filled out or be completely empty**

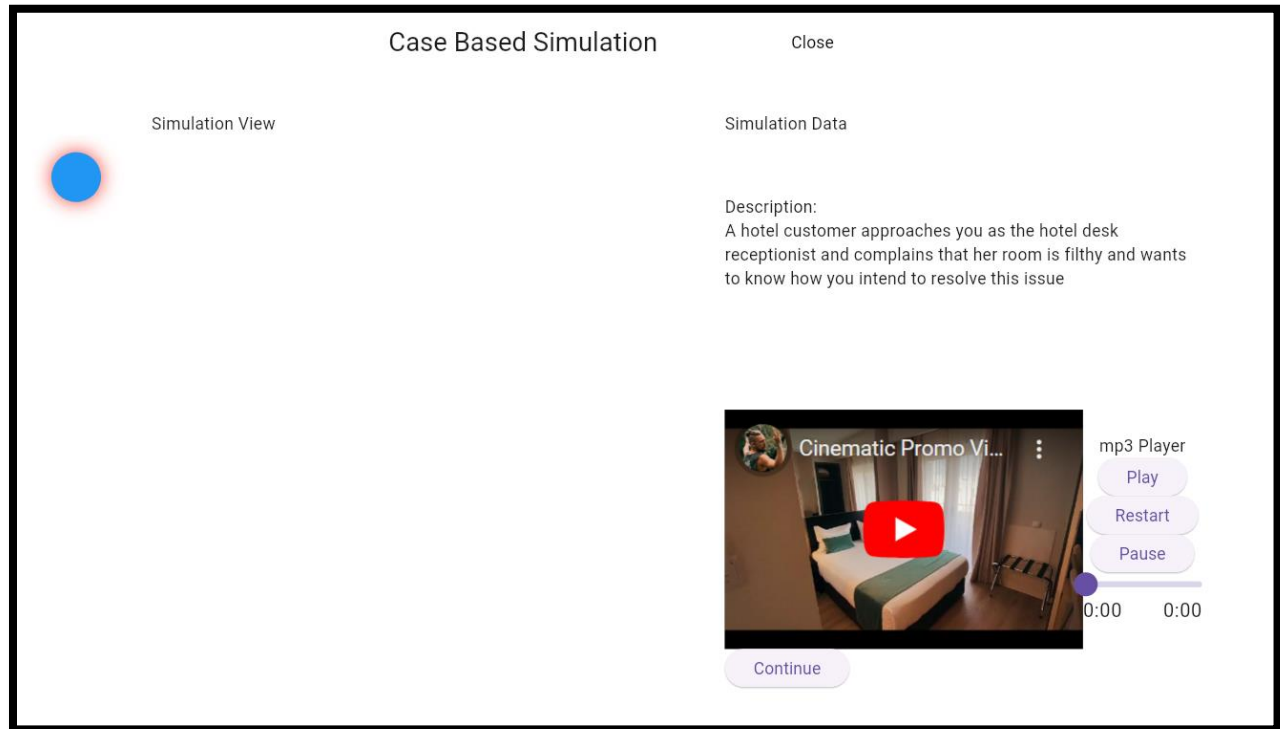
****In order to view all of the options, use the mouse scroll to scroll down and up the page**

User Main Menu



Taking a simulation

- 1) Select a simulation
- 2) Click the "Enter Simulation" button
- 3) Screen will redirect to the "User Simulation Menu"



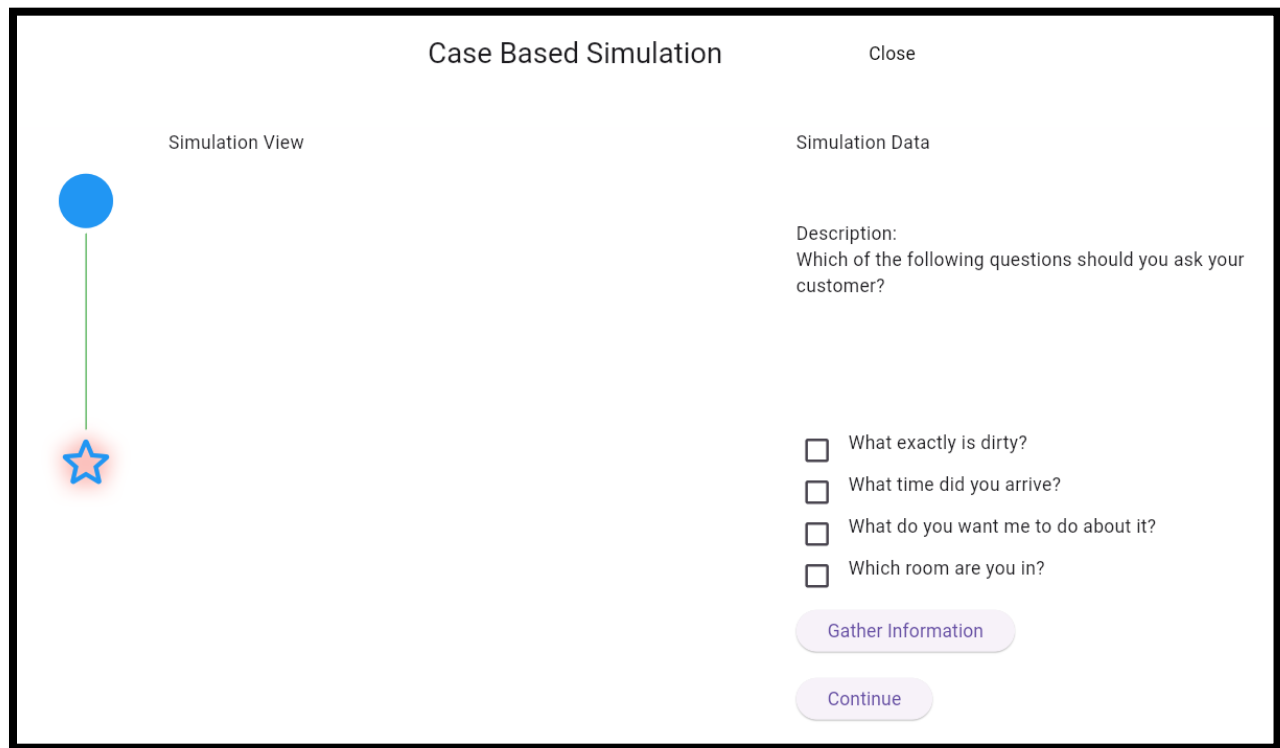
Upon entering a simulation, the page is divided into two sides: simulation view and simulation data.

Simulation View

- This shows the current path the user is taking with the current node being highlighted red
- Users can go back to previous nodes to look at information by clicking on a node (Functionality not available when the end of the simulation is reached)

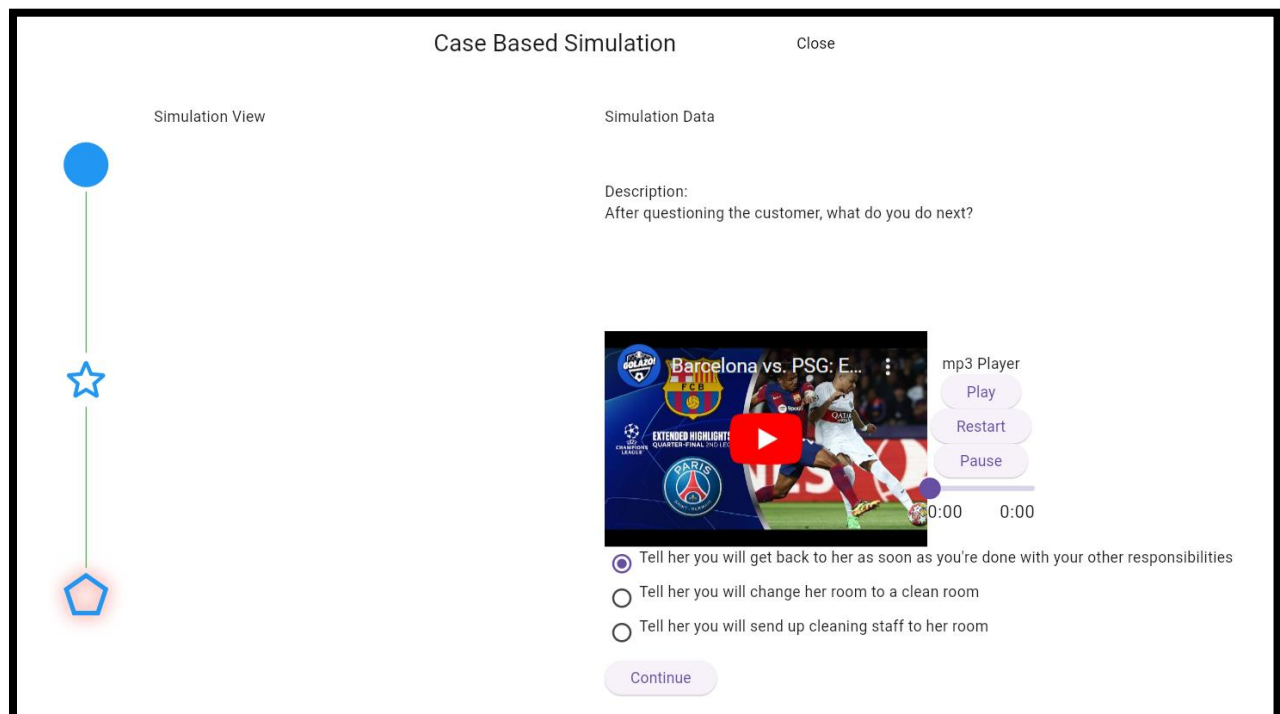
Simulation Data

- If provided, video can be played by clicking the YouTube/ Vimeo play button
- If provided, audio can be played by click the Play
- Audio can be paused with the "Pause" button, restarted with the "restart" button, and selecting a specific part by dragging the slider



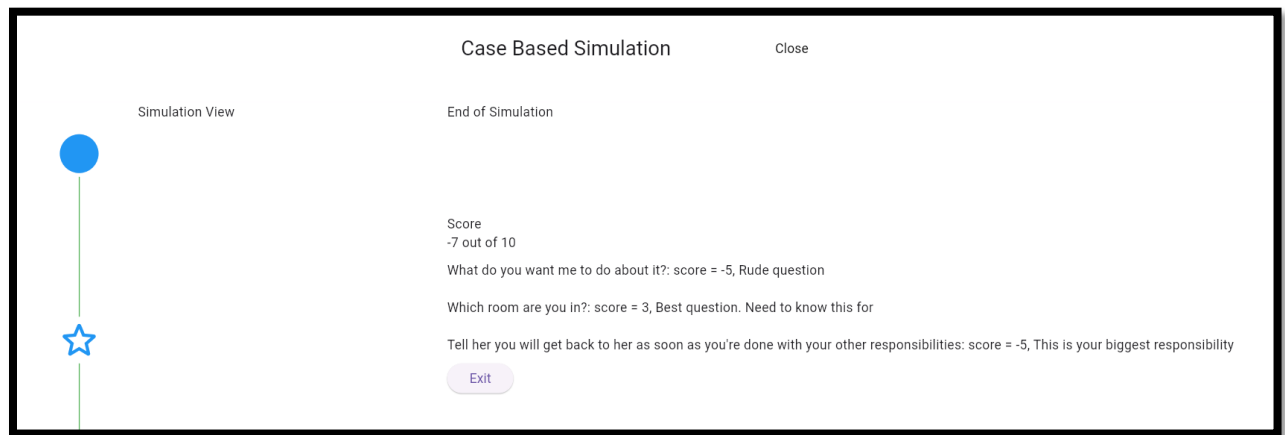
Information Gathering Node

- Users can select information by click the check boxes
- Users need to click the “Gather Information” button to finalize their choices before proceeding



Decision Making Node

- Users need to select ONE choice to continue



End Node

- Users will shown their final score with explanations on each decision they made
- To exit the simulation, click the “exit” button