

Client Brief

The initial task given by the client was to make something capable of showing off the form and function of their proposed log cabin idea. This was later expanded upon in discussion to include a request for a subtle way of sorting out clients who would be looking to purchase from viewers who simply like the look of the product with no intention of purchase.

Solution

We decided that the best way to showcase the cabin's modularity and complexity is by letting the user visualize it in 3D. The interactive 3D model of the cabin lets the user either look around the cabin themselves or use the pre-programmed buttons that showcase different scenes. In addition, we also created a FAQ chat bot which allows users to input their desired size, location and purpose for the cabin.



Features Configurator

Alllows the user to spawn and remove interior walls to create their own custom layout



Cabin can be animated to reveal a coffee shop layout instead



Collaboration

Due to the different specialisations of many members of the team and skills required of the project it was found beneficial to split the total group up into smaller subgroups so share the work load.

These subgroups would work on a smaller part of the project and keep close communication between them whilst sharing the larger events with the total group as to reduce the necessity for all members to know technical jargon and allow for effective communication when working on the same portion of the project.t

Meetings were held three times a week with checks prior to their occurrences in case there were scheduling conflicts and they needed to be moved. Outside of meetings talking with others in the subdivision was highly encouraged and communication with the whole group over the agreed upon channels was also readily available at all hours.

Conclusion

The prototype implemented showcases the potential of this project, where users get to visually interact with the cabin's elements and visualize its potential for modularity or configurations.