Meeting Details

Team Name:	Team 9
Meeting Date:	6th September
Time:	9:00-10:00 am
Venue:	Faculty of Science Meeting Room
Attendees:	Dhruv, Dennis, Matthew, Josh, Michael (Client)
Absent Members:	Isaac, Rodney
Minutes Taker:	Dennis

Agenda Details

Tasks	Sub-tasks
Discussions/Clarifications	• Demonstrate what has been done so far • Clear up uncertainties about box invariance
Next Meeting	• Share progress on assigned issues

Meeting Commences (9:00am)

Matthew   Demonstrates recent progress he made on the project. Particularly the progress on the 3D model of the laboratory that has been integrated into unity

Matthew   States that he is currently working on UV unwrapping on unity

Michael   States that the progress has been great.

Michael   Suggests removing all the lighting, and perform UV unwrapping on 1 object, like the table, and copying that object and its properties into all the other objects

Dhruv   inquires about collision detection within the simulation space

Michael   Suggests the team look up AABB, or axis aligned bounding boxes

Michael   States that if the team does research on AABB, there might be solutions that might help the team with our problems regarding collisions

Dhruv   Inquires Michael about how he wants the box invariance to be done, whether he wants to be able to do it when paused or when the simulation is running

Michael   Feels that doing it while paused might be the best option, but the team can try doing it in realtime. Michael feels that doing it in realtime will cause quite a few problems with the simulation

Michael   Feels that if the team were to attempt the box shrinking in real time, the change of size in some particles might cause it to behave and move in an abnormal way.

Michael   [Leaves]

Dhruv   Discusses the testing procedures with the team

Dhruv   Suggests that the group make a google sheets with all the requirements and possible tests to run, so that everyone can edit and check things off the list

Dennis   Agrees

Dennis   inquires about procedures to clone git repository

Dhruv   Warns the team about hours and researching the project

Finishing at 10:00 am