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**TEAM 9 MEETING**

**MINUTES**

**Week 9 Group Meeting**

**Meeting Details**

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| **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**

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| 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**