

IT 4001: Virtual Reality

Midterm Project: Head Gesture

The midterm project is to develop a simple head gesture application include nod (Yes) and shake (No) gestures. Students will work in group of 2. Use the head gesture introduced in class as a starting point to implement the head gesture detection. You can choose the purpose and application of the head gesture. Here is an example of Oculus game with head gestures – The Trial of the Rift Drifter <https://www.youtube.com/watch?v=4Sse4cMBR88>, at 1:20.

Each group needs to submit a project report, minimum one-page long, single spacing and font size 12. The report should include project objective, methodology, discussion and conclusion. The project will be graded on the implementation of the head gesture, its application and project report. This is a group project. One submission per group.

Turn in your completed project (zipped folder) and report (in doc or pdf format, a separate file from the zipped project folder) on Canvas, and demo in the lab.