

CS 6334.001 Virtual Reality Project Presentation and Final Report

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1 Presentation

The project presentations will be on 12/6 and 12/8. The assignments of the groups are

- 12/6, Monday, Group 1, Group2, Group 4, Group 6
- 12/8, Wednesday, Group 5, Group 7, Group 9, Group 10

The list of projects:

- Group 1: Smash the City
- Group 2: The LITTLE Island
- Group 4: 3D Greedy Snake
- Group 5: Redline
- Group 6: Escape Room using Virtual Reality
- Group 7: Interactive Learning for kids
- Group 9: AR Group Coordinator
- Group 10: HoopShot

Each group has 15 minutes for the presentation and questions. Please use slides to describe your VR/AR system, and show a demo of the system.

Evaluation criteria: The grading will be based on the overall quality of the presentation in terms of content, clarity, demo and question answering.

2 Final Report

In this project final report, please describe the following items according to your project. Students are encouraged to use LaTeX to write their proposals. I have a LaTeX template for the project

description in eLearning or you can use the LaTeX template of homework. Another option is to use Word or other text editing tools. Handwriting is not accepted.

A useful online LaTeX tool is Overleaf <https://www.overleaf.com/>.

- **Title.** Title of your project.
- **Team Members.** Names of the team members.
- **Introduction.** Describe the motivation of the project, i.e., why do you want to work on this problem. Then describe an overview of the framework/method/system.
- **Method.** Describe your solution for the project. For example, describe each component of the framework in details. Try to use figures to illustrate the method instead of only using text. "A picture is worth a thousand words".
- **Experiments.** Describe what experiments you have done so far. If there are some experimental results to show, add them to the report. You can use figures and plots to show these results.
- **Conclusion.** Describe the take-home messages of the project and conclude the report.

Note: Write the report in the format of a research paper. These items can be sections of the report. Please provide detailed descriptions of the components in the system. An example research paper can be found here: https://yuxng.github.io/chao_cvpr21.pdf.

Evaluation criteria: The grading will be based on the overall quality of the report in terms of writing, content and clarity.