

CS 6334.001 Virtual Reality Project Proposal

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In this project proposal, please describe the following items after reading the project description. Students are encouraged to use LaTeX to write their proposals. A useful online LaTeX tool is Overleaf: <https://www.overleaf.com/>. Here is a suggested [template](#). Another option is to use Word or other text editing tools. Handwriting is not accepted.

For the project proposal, the following content should be included:

- **Title.** Let's give a name to your project.
- **Team Members.** List the names of the team members.
- **Overview.** Briefly describe what do you plan to work on in the project.
- **Virtual Reality vs. Augmented Reality.** Are you going to work on VR or AR?
- **Application Environments.** Which application environment are you going to use?
- **Virtual World.** What is the content of your VR/AR application? How do you plan to build the virtual world?
- **Visual Render.** How do you plan to render images? Or what APIs can you use to render images in the application environment?
- **Visual Display.** How do you plan to display images? Are you going to use the Cardboard VR glasses?
- **Interaction Mechanism.** How can users interact in your VR/AR system? What types of interactions are you going to support? Do you plan to use the Bluetooth VR controller?
- **Additional Components (optional).** Please describe additional components related to the VR/AR system you plan to build.