

Final Project Proposal

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Project Title: Interactive 3D Illumination

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Project Tasks:

- Load multiple 3D meshes
- Illuminate model with ambient light
- Illuminate model with directional spot lights
- Simulate various surface lighting effects and shading
- Interactively change lighting properties

Sample Project:

You are asked to implement the lighting effects on a 3D surface mesh model. Your program should be able to change the position and color of at least two light sources (point lighting sources are fine). You may try either flat or smooth shading (or both) on your model.