# **Final Project Proposal**

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# **Title: Solar System**

In this project, I will try to make solar system. First, there will be inside view (default view) which is shown as earth and the moon orbiting earth. If we change the view to outside, we will be able to see the solar system which is in motion. Texture mapping and lighting will be used for this task.

I’m going to give different textures to different planets hopefully different motion as well (Will try to make this as realistic and simple as possible). I will try to make some environment changes in menu for some collisions around our solar system or earth.

I'll establish the key bindings for the need of views in a way that requires the user to travel in the scene using a specific set of keys, and all other moves will be made with the mouse as we did in past projects.

There will be special feature which will make a tour of the solar system from sun to all the way to Pluto (yes, I’ll include Pluto in my solar system!!!).

I will try to fulfill all the requirements for this project as mentioned by professor bailey in the solar system requirements page.