

## Final Project Plan and Personal Deadlines Worksheet

**10% of final project grade**

**Part 1 - (5%) Submit answers to all blue sections.**

**Part 2 - (5%) Submit answers to all sections**

**Week of 4/21**

### Beginning of Week Plan:

*What part of the project do you plan to work on this week?*

For the first week I am planning to work on the main features of the project. My objective is to implement all the 6 required features, listed below.

- A Skybox with a space theme
- Add a 3D object obj file use WASD keys to move it.
- A Planet with a moon rotating around it.
- A Box (from labs or homework) with a light rotating around it with lambertian lighting. Give the box a gradient of color.
- Use the mouse to move the camera angle in the x direction (left and right), use arrow keys to move the camera around the scene in the Z and X directions.
- Scale all the objects on keypress "j" in a tleast one direction (ie x-direction, etc), then scale them back to 1 on keypress "k".

*What days can you block time for working on this?*

At the end, I would like to rely on my own framework for a better organization. It implies a lot of work and to be available a lot. Hopefully, my schedule allows me to work on this project most of the afternoons of the week. I will block time at least on Tuesday and Wednesday afternoon.

### End of Week Progress:

*What did you get done this week?*

*What needs to be addressed next week (what did you not finish in this iteration)?*

*Are you stuck on anything?*

## Week of 4/28

### Beginning of Week Plan:

*What part of the project do you plan to work on this week?*

For the second week, I am planning to implement the “pick 2” features if they were not done during previous week. Furthermore, I will start working on the framework. Its aim is to make this project and future ones well organized. I will create class for every element of a 3D application (camera, lights, entities, objects, cubes, events...). This way in the main source file I would be able to directly rely on these objects to create the space simulator. A first version of the project will be made using source codes from homeworks and labs and the second one will use the framework.

*What days can you block time for working on this?*

Like for the previous week, I will spend time on this project during every afternoon of the week depending on my progress on the framework. I will work especially on Tuesday and Thursday as I feel always feel motivated to work on CST325's homeworks and labs after class.

### End of Week Progress:

*What did you get done this week?*

*What needs to be addressed next week (what did you not finish in this iteration)?*

*Are you stuck on anything?*

## Week of 5/5

### Beginning of Week Plan:

*What part of the project do you plan to work on this week?*

I will dedicate the third week to the finalization of my framework. It is hard to anticipate and determine what will be my progress at this time as it is something new to me. Although, I am hoping that all the important classes will be done (Entities, Cubes, Camera, Events). This way, I will be able to start recreating the space simulator but this time with the framework. This week will also be dedicated to fixing bugs and improving my framework.

*What days can you block time for working on this?*

This week will represent the last time I will be available to work a lot on the project. Therefore, I will spend in the best scenario Tuesday and Thursday afternoons on it.

### End of Week Progress:

*What did you get done this week?*

*What needs to be addressed next week (what did you not finish in this iteration)?*

*Are you stuck on anything?*

**Week of 5/12 (project due 5/14)**

**Beginning of Week Plan:**

*What part of the project do you plan to work on this week?*

Concerning the last week, I am hoping that the project will be finished before. Otherwise, the last week will then be dedicated to finishing the project by fixing small bugs and uploading it on iLearn.

*What days can you block time for working on this?*

I will not be available to work on the project as I have several other exams this week. Therefore, I will try to compensate and work a lot on the project during the first three weeks.

**End of Week Progress:**

*What did you get done this week?*

*What needs to be addressed next week (what did you not finish in this iteration)?*

*Are you stuck on anything?*