Isaac Jang

CS 330

Professor Gray

**2-3 Milestone One: Project Proposal**

A group of perfumes and cards

Description automatically generated

**Select a 2D image with objects to replicate in a 3D scene.**

I decided to go with a very personal image. The image above is an overlay shot of the special items for our wedding. It includes our cologne/perfume bottles, her necklace and earrings, our rings and ring box, our vow books, and our wedding ceremony itinerary.

**Discuss which objects will be replicated in 3D**. **Explain which basic 3D shapes will be used to replicate the 2D objects**.

In the image, I have outlined the items in red and wrote ways of how the item can be recreated with simple 3D objects. First, we start with the plane, in which all the objects will rest on. The cologne bottle is a box with the top as stacked cylinders. Her perfume bottles are boxes stacked on boxes. Our vow books are boxes. The ring box is a hexagon box or maybe a hexagon cylinder. I chose these items because it many of the basic 3D shapes.

The hardest objects will be the rings and recreating the necklace. I think the clover can be created by combining 4 circles and the chain of the necklace as planes/rectangles. My ring is pretty simple as it is just a cylinder with a rectangle / plane in the center. Her ring could be complicated, depending on how complicated I want to make it. The diamond is an oval face, but it tapers to a point. There is a hidden halo which I would take out for simplicity. If everything else is achievable and time allows it, I might also consider recreating the itinerary. The itinerary is a plane, and the wax seal could be made from a torus. More pictures below for different angles!

A ring in a box

Description automatically generatedA small jewelry box with a pearl earrings

Description automatically generated with medium confidence

A ring on a book

Description automatically generatedA bottle of perfume on a table

Description automatically generatedA necklace in a box

Description automatically generatedA close-up of a bottle of perfume

Description automatically generatedA ring on a book

Description automatically generatedA ring on a book

Description automatically generatedA group of perfumes and cards on a blanket

Description automatically generated