**Milestone One: Project Proposal**

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CS 330: Comp Graphic and Visualization

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A computer on a table

AI-generated content may be incorrect.

For my project, I will be using my desk at work as the 2D image with objects that I will replicate in a 3D scene. Specifically, I will be replicating my orange notebook, blue stress ball, work laptop, pink pencil, white coffee mug, and yellow sticky notes. I feel that these were good choices for my project as some objects will be relatively simple while others will be complex.

I will begin replicating this 2D scene by using a plane as my desk. This will act as the “ground” for the rest of my objects. For the orange notebook, I will use a flattened box for the base, and I will do my best to use tori to replicate the rings along the spine of the notebook. I will use a basic sphere for the blue stress ball, and two planes put together perpendicularly for the work laptop. For the coffee mug, I will use two cylinders of different sizes stacked on top of one another for the cup, and half of a torus for the handle. I will use a skinny, elongated cylinder for the pink pencil, and a flattened box for the sticky notes. I will exclude the phone, decorative jar, and background from my 3D scene as I do not believe they will be achievable within the scope of this course.