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Project Summary Midterm Project

For my project, I designed a Moroccan-style lantern with a unique twist. Unlike traditional Moroccan lanterns that are suspended from the ceiling, mine is a table lantern, so it sits as a decorative yet functional lighting piece. The design maintains the intricate and ornamental aesthetic typical of Moroccan craftsmanship while adapting it to a more user-friendly, fixed format.

One of the biggest challenges I faced in my drawings was dimensioning the brass case. The lantern is composed of stacked layers, each made up of the same repeating geometric pattern, which builds up to form the overall structure. Since every layer follows the same base shape, adding dimensions in a way that communicates how each piece fits together was difficult. The removable door presented another challenge because it follows the same repeating pattern as the rest of the lantern but functions differently since it needs to be easily detached while still aligning seamlessly with the surrounding structure.

A key geometric feature of my lantern is how each layer of the brass case projects a perfect hexagon when viewed from the top. Each layer is a scaled version of the one below it, which adds to the visual harmony of the design.

Something noteworthy about this project is that it was designed entirely from imagination, while taking inspiration in Moroccan artisanship. I created the design from scratch and am now in the process of actually building it, translating my AutoCAD drawings into a physical object.