Team Hammerhead
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Project Description
Working with Zimmer Biomet, we are redesigning the humeral stem inserter used in the Comprehensive total shoulder replacement system. This is the piece used to help insert the artificial stem into the humerus. While the current device does not cause any patient harm, it is difficult to use for orthopedic surgeons. Through this project, we will focus on improving the need for tighter tolerances, better connection between the inserter and stem, and improving the overall lifespan of the inserter.