

# ENPM662 Project 2 Pre-Proposal

## Project Proposal:

We are a team of 3 members working on Project 1 and Project 2 of ENPM662 - Introduction to Modeling course. As discussed with the Professor and TA, we will be adopting a hardware based model along with modeling and simulation for the Project 2.

As per the initial discussion, we have not yet finalized the hardware setup to work on for the project. After discussion with the professor tomorrow (oct 26<sup>th</sup>), we will be assigned a hardware setup/robot to work on, like the UR5.

For the application, we are looking into deploying simple pick and place operations using Inverse Kinematics on a robot like UR5. But the availability of robot, resources and other needs will be confirmed by the professor tomorrow (oct 26<sup>th</sup>), after which we will be finalizing the hardware setup and start to work on a desired application after professor approval.

This is the status of the project proposal as on oct 25<sup>th</sup> and final plan after tomorrow's (oct 26<sup>th</sup>) discussion will be updated to the TAs in the upcoming days.

## Team Members:

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