Classifying and Grasping Objects according to shape

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https://**www.**youtube.com/watch?v=C2_GIf9lzLM

Model building

- Use solidworks to customize the model
- Use blender to set up properties and convert to format that gazebo can recognize
- Set up environment in gazebo world and placed the model inside

improvements

- Make better of moveit to optimize the motion planning part
- Object detection using openCV
- Utilize the camera on gazebo to locate the position of each object