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Lab Assignment 2:

Pick-and-Place DoGoodBot

41013 Industrial Robotics

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contributors:

DATE

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RoboBAR

# Project Description

Project Description (100 words)

The team will embark on a project to expand SafeCo’s product range and customer base. The project team has decided to delve into a project that looks at a robotic bar system's design, application and safety integrations. This RoboBAR will have multiple applications, from hospitality to luxury homeowners looking to upgrade their homes with futuristic appliances, events and more. This RoboBAR will involve two robotic arms working simultaneously: a Linear UR3 Dobot and a GoFa 5. The GoFa is proposed to make the drinks, and the Dobot will give the made drink to the consumer.

# New Robot

New Industrial Robot Arm you will create (NOT in our TOOLBOX or done by a previous team) and the reason (100 words) (note a gripper is not an arm).

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# Existing Robot

Existing Industrial Robot Arm. It should be from the modified toolbox on Canvas. For F2F students this should be the real lab robot that you will use.

Linear UR3 Dobot

# Code Repository

Code Repository (i.e. BitBucket, GitLabs, Github) Project URL (remember if you want to make the repository private you must "invite" the tutors to join)

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