PROGRAMMING FOR ROBOTS AND MANIPULATORS (VRM)

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Project no. 1

Title:

ABB RobotStudio with a name that describes a robotic solution (e.g., ABB Robotstudio - Sorting Machine).

Detailed description:

The project focuses on controlling multiple robots using the simulation tool RobotStudio ABB. The robot on Table No.1 will communicate with another robot on Table No.2 using a conveyor belt. The main goal of the project will be to create a sorting production line. A more detailed description of the project will be discussed with the lecturer.

Note 1: It will be possible to create your own production line design, but in accordance with certain principles!

Note 2: It will be possible to create a team (max. 3 members), but with a reduction of the maximum score!

Language:

Comments: Czech, Slovak, English (recommended)
Variables, functions, and other.: English

Form:

RobotStudio Pack & Go file (.rspag)

Location:

GitHub

Important Dates:

Assignment, Deadline: Discussed with the lecturer.
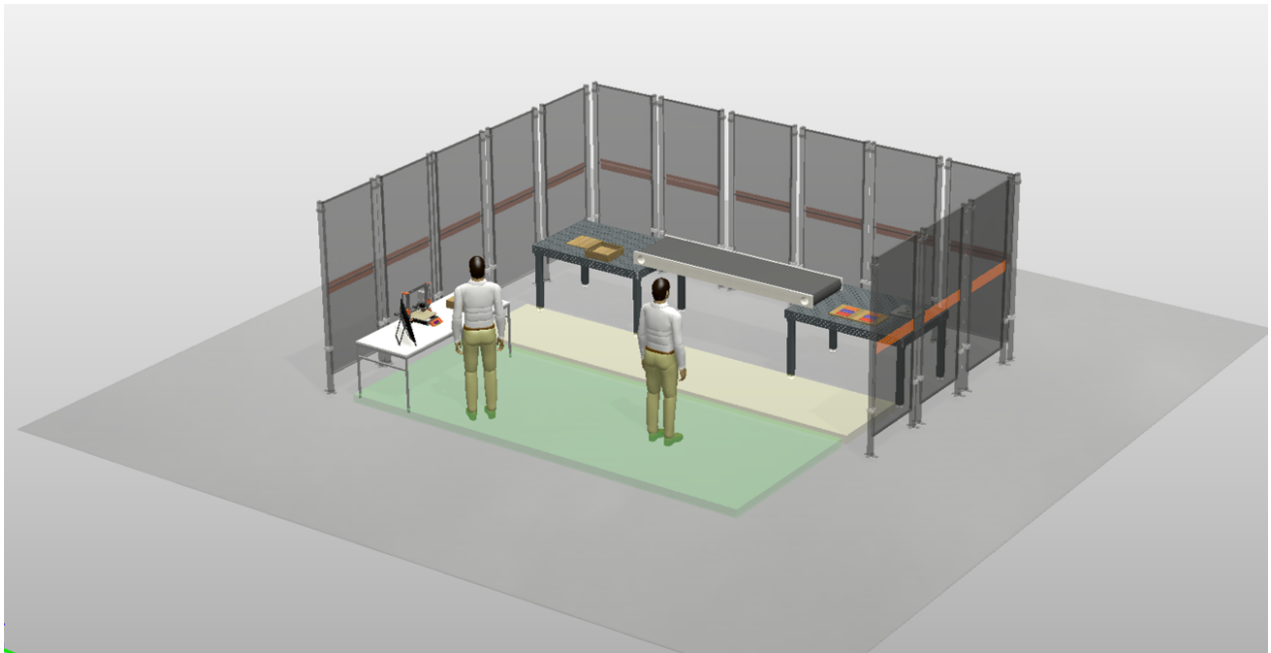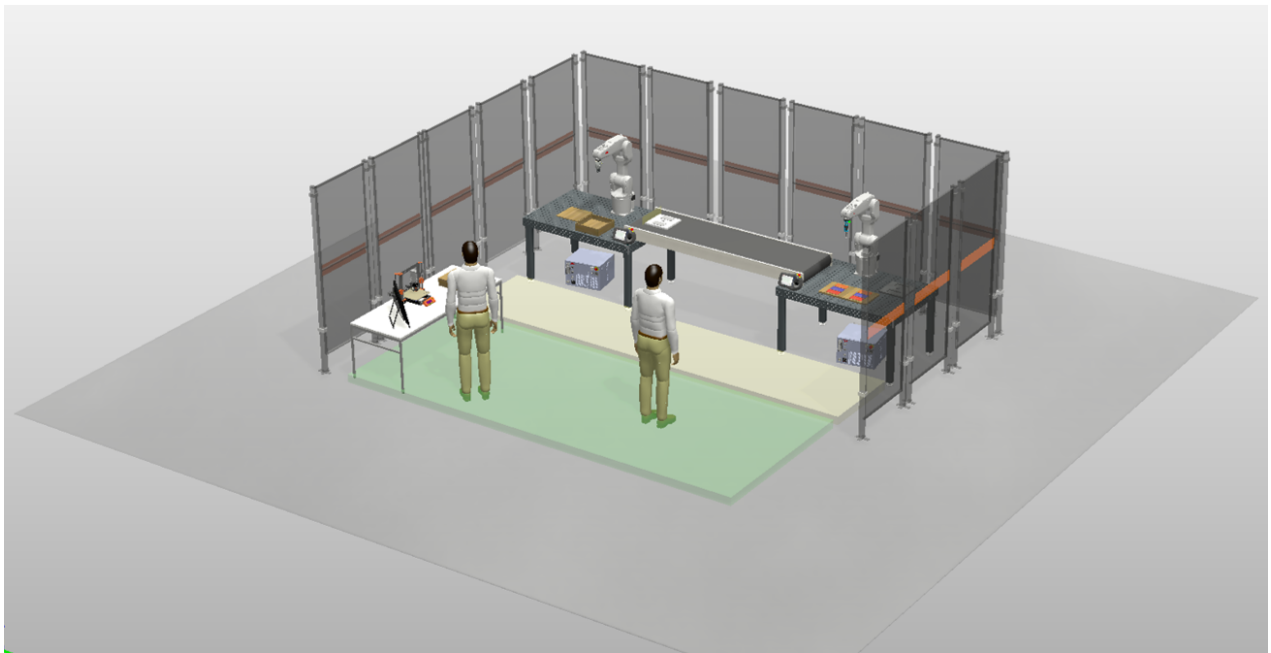
Maximum Score:

30 points

Figure 1: Project no. 1 - Template

Figure 2: Project no. 1 - Possible result