VIRTUAL ROBOTIC FITNESS COACH FOR THE ELDERLY

GOAL: The goal of this assignment is to create a set of physical exercises for elderly. During the interaction the virtual robot shows the exercise which is repeated by the subject. A Kinect sensor is used for evaluating the performance of the subject. Based on this information the virtual robot can correct the human. The application should be created in Unity.

EXAMPLE: The following video shows an example of such an interaction:

https://www.youtube.com/watch?v=lbLo3-oIi8o

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