

Week 2 group assignment

MKI59: Robotlab practical

November 7, 2018

In this assignment you will integrate what you learned in the **motions, speech and tactility** tutorials into an easy to use interface for any Nao. Download the code in [this folder in the repository](#) and update the interface and backend such that it includes the following capabilities:

1. There is a button to let the Nao perform a random walk, staying in an area of 2m x 2m.
2. There are 2 buttons for movements that involve the arms (e.g. waving, making a 'come here' gesture, fighting punches)
3. When the Nao head is touched, the Nao sits down and relaxes muscles. When in this state, if the Nao is touched again, it stands up. (So, no button, just continuous functionality)

When you complete the assignment, push your code to your group Gitlab repository.