**To do List**

**Create a set of Action:**

Choose at least 5 different actionthat we want InMoov to be able to interpret (e.g.: leve le bras, presente toi etc ...)

For each action create a dataset of at least 5(preferably 10) sentences that would imply the robot to execute this action (e.g. for presente toi: comment t’appels tu? qui est tu? quell est ton nom? Etc…)

Create a Database (Json seems to be a great format) involving all of this dataset into Json queries.

**Neuronal network:**

Compare models of neuronal network in order to find the most sensitive and adaptive network that would allow long string sequences to be recognized. Perhaps uses a more powerful one link LSTM to be able to keep track of the previous request (not useful now but later on will).

Train the data set a create a report that includes graphs of the performance with dataset sentences but also test with new sentences that implies a specific action on robot, and scales the performances.

**Once Done:**

Send a report to both Mentor and Mr Duhart, with performances report and neural network. Plan a meeting with the later.