Dash My Nao FX – a Java application

Must-Have:

- ❖ Use the dashboard on a GUI made with JavaFX and CSS
- ❖ You can move the NAO with the UI control (Motion control)
- ❖ Switch between "Stand-By" and "Wake-Up"
- ❖ Align the NAOs head however you want
- ❖ Write in your text to say it out loud (Text2Speech)
- ❖ Choose between multiple postures
- ❖ Change the different LED's of the NAO's body
- ❖ Let the NAO play different audio samples
- ❖ Connect and disconnect easily between multiple NAOs
- ❖ The IP from the latest connection will be remembered
- ❖ Check the current body states like battery percentage or temperature
- ❖ Press one of the three sensors on the NAOs head and look at the reaction!

Nice-To-Have:

- ❖ Start the tracker system to detect faces by pressing the front tactile sensor
- ❖ Choose between multiple behaviors
- ❖ Move the NAOs arms however you want!