\chapter\*{Abstract}

In this thesis, we implement an interface to control and navigate NAO Robots using an EEG system built on a ModularBCI board with four ADS1299. With the help of a neural network based on the "EEGNet-based Motor-Imagery Brain--Computer Interface" paper, we try to classify four classes of motor-movements, which are idle, left-hand, right-hand and walking. We use brain signal data sampled from Deniz as the subject with the help of softwares such as PsychoPy, OpenViBE Designer and OpenViBE Acquisition Server. The main challenge of this project is to recognize macro potential change patterns during four different motor-movements with electrodes placed on top the scalp via a neural network.