**OVERVIEW OF THE PLATFORM AND IMPLEMENTATION DETAILS**

The platforms used in this project are python and many python packages. Python is an interpreted high-level programming language for general-purpose programming. To work with python and the given project, one must have the perfect environment. Python IDLE is used, it is Python's Integrated Development and Learning Environment. The environment should consist of all the needed python packages in perfect working conditions. So first install the packages that will allow us to connect the platforms. The installations are mostly done by the pip install -- command. Packages installed are chatterbot, chatterbotcorpus, kafe, Keras and tensorflow.

ChatterBot is a Python library that makes it easy to generate automated responses to a user’s input. ChatterBot uses a selection of machine learning algorithms to produce different types of responses. This makes it easy for developers to create chat bots and automate conversations with users. Chatterbot-corpus is a corpus of dialog data that is included in the chatterbot module.Kafe is a data fitting framework designed for use in undergraduate physics lab courses. It is open-source software licensed under the GNU Public License. It provides a basic Python toolkit for fitting models to data as well as for visualizing the fit result. It relies on Python packages such as *NumPy* and *matplotlib*, and uses the Python interface. Keras is a high-level neural networks API, written in Python and capable of running on top of TensorFlow, CNTK, or Theano.