1. **Installation of libraries with correct version**
2. pyTTS
3. json lib
4. eclat-web-browser replaced by SIP and PyQT4 library
5. os-sys and os-win compatibility

These libraries were either deprecated with python 2 or had a newer version in place of them.

1. **Compatiblities and difference in versions of libraries**

Some of the libraries were made only according to python 2 and some were according to python 3.7 and higher versions. Therefore we had to see for each library to ensure smooth functioning.

1. **Connecting Rpi with the computer**

There were frequent errors while interfacing Rpi 0W with the laptop as the port was not being recognised correctly by puTTy hence, either ping \_nameOfDevice\_ was used or the system configurations were checked for each USB port but no direct connection was established in one go.

1. **Selecting the correct microphone and speaker for Chatbot**

Specifying the correct port number for microphone as well as the speaker.

1. **Raspbian installation specifically for 0W.**

Since the Raspbian gets updated frequently, some of the versions of OS were not working with the current board therefore the OS installation in the initial steps of the project was taking unexpected time.