Python Libraries Installation Guide for Misty Robot Programming

Assume that user is installing the first time on the PC with Window 10 OS

1. Python free software installation:
   a. Facial Recognition Robot programming software product support Python 3.6 and later. This software has been tested with Python stable version 3.7.x. Go to the website link to download the software https://www.python.org/downloads/
   b. Depending on your Window 10 OS, select x86 or x64/AMD64 installer to install.
   c. At the first installation panel, please make sure to check the box for "Add Python 3.7 to PATH". There're some available videos on YouTube for visual aid. Here is the link to one video based on Python version 3.7.4. https://www.youtube.com/watch?v=4Rx_JRkwAjY
   d. Note the path of the Python folder you choose either by default or custom selection for use later. Below are the example paths:
      i. C:\Users\yourName\AppData\Local\Programs\Python\Python37
      ii. C:\python\python37
2. Unzip the purchased robot programming package into a new folder such as C:\Misty_robot
3. Install free Python wrapper for Misty programming
   a. Open the folder in the step 2 using Window explorer. In this case, it is the C:\Misty_robot folder
   b. Double click on the file "install requirements.bat" and wait for the installation to complete. Press any key to close the installation window. If there's any error for any reason during this installation process, please capture the screen to include in the contact message page when request for help.
4. Due to the firmware and software updated over time for Misty robot from the manufacturer, the python wrapper needs to be updated to ensure it will work with the purchased robot programming package. Below are the steps to save and replace the default Python wrapper file after the installation is done.
      i. Under the python folder path collected in the step 1d, use the explorer to open the folder Lib\site-packages\mistyPy
      ii. Rename the file __init__.py to __init__original.py
      iii. Cut and save it in a "backup" folder created under C:\Misty_robot
      iv. Copy a new file __init__.py in the C:\Misty_robot which comes with the purchased robot programming package into the folder Lib\site-packages\mistyPy
5. Reboot PC to refresh your system and Python libraries

6. Your PC is now ready to edit the program for updating the robot IP address and to run the program. Please see the "Run the Robot Program Guide" document for the steps to perform and to enjoy the features / skills of your purchased robot programming package.
7. Thanks for purchasing our product.