The web-based email classification system is implemented using a combination of Apache, PHP, Mysql, and Python. Apache is the server software. All the source codes and related data are placed under a web directory (“/email\_cls”) of Apache. Under this folder, there are php scripts, a python script, a folder containing the prerequisite data, and a folder containing user uploaded files. The “server.php” file is used as the controller of the web application. It parses user input, then calls different modules that interact with the Mysql database, finally renders the result to users. The UI pages are “login.php”, “index.php”, etc. These pages contain forms for user interaction. The email classification is conducted by the python script “test\_model.py”. It calls a pre-trained deep neural network model “/data/bestmodel” to predict the class label for a file uploaded by a user. The python script is called by the php script in “index.php”.

A detailed description of how I implemented this system can be found via my uploaded YouTube video:

<https://www.youtube.com/watch?v=woG_r90qWbE>