Category	Original Non-Functional Requirements
Usability	The user should have some expertise, example users include developers, researchers and students. The users are expected to be able to use this software without any interface, although instructions are given in the documentation about how to do this. This software provides documentation on how the user can get started, how to use the examples on some classifications, information of the initial configurations for each component of the system/network. As well as information about how to use each part of the system such as the cloud, data preparation, training and evaluation. Additionally documentation is provided for the handlers (which is based on the libraries *Tensorflow* and *Keras*). Information is also given on how to run everything, instructions on how to contribute and licensing information.
Reliability	The results are accurate provided the data given is adequate, and the network is trained correctly. The system is robust in terms of different data sets. Restarting is acceptable, although the data may have to be retrained if the user doesn't make an effort to save the trained model. The system will flag any exceptions, log them and provide possible solutions. The system does make use of the cloud with *AWS*, however *AWS* security is more or less guaranteed. Instances are run with SSH.
Performance	The system is moderately responsive, the system requires a long training time however status messages and progress information of the training model are given at regular intervals. When the system is training it cannot be interrupted and so has limitations in terms of termination. The possible long training time could be an annoyance for some users, however most people using this software are aware of this and so users tasks are not time critical. An instance of this system can only support 1 user at a time. The worse latency that is acceptable for users for this system would be around 15 minutes.
Supportability	The system is maintained by a company called *Idealo*, based in Berlin, Germany. There are no current plans to port the system to different software or hardware environments.
Implementation	The system is only compatible with Python 3.6.
Interface	The system interacts with several existing systems, these include *AWS*, *TensorFlow* and *Keras*. Data is imported either locally or through the cloud. The system exports the pre-processed data set to the local system.
Operation	The system is managed by *Idealo*. Specifically Christopher Lennan, Malgorzata Adamczyk, Gunar Maiwald and Dat Tran.
Packaging	The system must be installed by the user. The user installs 1 package and all its dependencies. There are no time constraints on the installation.
Legal	The system is licensed under the Apache License 2.0. The package allows commercial use, modification, distribution, patent use and private use. The package does not allow/provide trademark use or warranty. There are no liability issues associated with system failures. No royalties or licensing fees are incurred by using specific algorithms or components.