**Software Specification Requirements**

1. **Introduction** 
   1. **Purpose**

The purpose of ds\_device is to assist in finding the relevant datasets from a limited range of websites in order to aid the development of data models.

* 1. **Documents Convention**

[Intentionally left blanks]

* 1. **Intended Audience and Reading Suggestions**

This product is intended for private-used only.

* 1. **Project Scope**

First iteration of this product is intended to cover only 10 websites deemed listed in Table 1. Future iterations may include an option to add a new webpage to this list.

Kaggle

Google Public Datasets

GitHub

* 1. **References**

1. **Overall Description**

1. **System Features**
2. **External Interface Requirements**
3. **Non-functional requirements**
4. **Functions**

The software will have one type of user. The following are the functions that the software should perform:

ID:01

TITLE: SEARCH FUNCTION

DESC: This enables the user to search for the dataset required in the listed webpages.

ID02

TITLE: DISPLAY FUNCTION

DESC: This enables the user to view the search results in a compact and simple view

ID03

TITLE: SEARCH SUGGESTIONS

DESC: This should save the previous search keywords and provide a log

ID04

TITLE: ERROR LOGGING

ID05

TITLE: DOWNLOAD

DESC: To download the selected datasets in the default format provided by the host.