**Installation Guide**

1. Install Indri: For this project Indri 5.14 version is used

Download Indri file from https://sourceforge.net/projects/lemur/files/lemur/indri-5.14/

Then run tar -zxf indri-5.14.tar

Run ./configure

Run “make” or “make install”

1. Install RankLib: For this project RankLib 2.10 version is used

Download jar file from <https://sourceforge.net/projects/lemur/files/lemur/RankLib-2.10/>

To install the jar file, java needs to be installed in the system

Go to the directory in which Ranklib is installed and run “java -jar RankLib.jar”

1. MetamapLite Installation

Download the latest Metamap Lite version from <https://metamap.nlm.nih.gov/MetaMapLite.shtml>

Extract public\_mm\_lite directory

To Run in terminal: ./metamaplite.sh inputfile

1. Python 3.6 needs to be installed for the project. Pip also needs to be installed
2. Create a UTS account and Request an authentication API Key to access Metamap Lite from the URL: https://uts.nlm.nih.gov/home.html
3. Python Libraries to be installed

NLTK – pip install nltk

Pandas – pip install pandas

BeautifulSoup - pip install BeautifulSoup

Scikit-Learn – pip install scikit-learn

Biopython- pip install biopython

Simplejson – pip install simplejson

Requests – pip install requests