# **Documentation**

**DSA Project: Mini Search Engine**

**P7**

**Submitted by:**

**M Saad Arif Dhillon L1F20BSSE0291**

**Submitted to:**

**Sir Rana Waqas Ali**

**Design Issues:**

Problem was to use minimum time to do the search in 50 files. I decided to use AVL.

**Data Structure Used:**

AVL is used because it has the minimum search and insert time complexity in data structures.

**Algorithms:**

The Algorithm used is, it will take data from files then upload to trees. Then it will read and match words from documents with the words searched and show results.

This program searches in 50 documents using AVL.

**Extra:**

It will count and print how many times searched words are present.