Domain and Scope:

The database that we will be developing will be used to save the complex meta data used in searching web pages, our app would be crawling through the web (e.g: Wikipedia) collecting different range and type of data which through automation will be stored into the database designed by this group with the capability to extend the collection and storing of data to any domain of web and local data.

# Functional and Non-Functional Requirements:

## Functional

* Basic Search
* Hypertext Structure Manipulation
* Web crawling
* Meta data collection
* Meta Data Sorting

## Non - Functional

* Robust
* Memory efficient

Motivation Behind the Project:

The motivation behind going through with this project was purely based of learning the art of searching, storing and handling massive amounts of data both in flow in Web as well as the handling of local data, The following project will give us the knowledge and skill to plan design and execute sophisticated database/databases that we plan to use further ahead in our own personal projects.

# **Deliverables:**

A working application that can search the Wikipedia domain efficiently. It will be capable of indexing the hypertext documents and storing meta-data related to the searching.