**SOCIAL MEDIA APP DOCUMENTATION**

My project contains 3 modules (Client, Server, Database). Client can request the data to the server in a query model which will be added to the Request Queue of the server. The server has a separate thread which monitors the Request Queue and processes the request.

I have used a file system file of size 100MB to store all the data. I have divided the file store into three parts, 2 bytes for storing the size of the database

, 2MB for storing the database into the file system, and remaining memory will be treated as a raw data which can be used to store the files of posts.

I have maintained separate tables in the database itself to have a record of each file and their details like comments, users, file addresses, etc...

My Database is similar to HBase. It performs same as HBase. I have used a thread pool to process each client request concurrently.