

Individual/Team Final Project

ECE4122\6122 Project Name: Multi Client Centralized Book Search System

Team Member(s): Faiza Yousuf

Project Statement of work:

Both a client and server application will be created then connected using sockets over TCP/IP Protocol. After the client receives authentication (simple password based) from the server, the user will be presented with a finite search menu of potential book genres (which will either be presented in a command console or a simple GUI using OpenGL). According to the user's selection, the client will submit a user query to the server application. The server application will search through a file-based database of book titles and return the matching genre's results to the relevant client application (may require threading). When the search is completed, the client application will display the search result in a user-friendly manner (in a command console or GUI).

If a team project then list a statement of work for each team member:

Team Member: _____

Statement of Work: