**Design 1**

**Desired Outcome**

This first design will act as a base to develop further iterations of development. The main purpose of developing this design is to ensure that core functionality is given priority. Once this design has been implemented, more features can be designed and developed. These future developments will focus on things such as efficiency and usability.

**Core Requirements**

Server Program

The emphasis is to create a functional server, meaning that efficiency isn’t paramount. The key functionality of the server is:

* The server must be able to handle sessions (create, delete) and store session data (audio files, associated users).
* To allow the client to carry out every possible operation (upload, merge, and delete).

Client Application

The client application at this stage in development can simply be implemented as a command-based program. The main functionality it will need to provide is:

* Assign the user some form of identification (user name, I.D number).
* Allow the user to download session data from the server.