**Huge Kanda – Software Engineering**

**Performance Requirement:**

The information that will be taken from the navigation module is going to be correct, in other word free of error, in which it is going to also to make sure that the information that is going to be calculated by the fitness module is correct in order to display it to users.

**Server storage:**

This will be like some sort of database that is going to collect Data from other module within the NavUP application and store it within the server. The server capacity will be made available to store fitness Data for 60 000 users. The most important role of the server storage is going to be to store users Data in order to prevent loss of Data of the user. It is going to allow users to still recover their data in case if they decide to access the application with a different device or in case of loss.

**User Experience:**

The application is going to calculate user’s fitness Data within their device (user’s devices) and not on the system server in order to prevent the server from being overloaded by preventing delay due to number of users who are going to want to use the application.

**User Experience:**

The system is going to calculate user’s fitness Data within the device and not on the application server in order to prevent the application server from being overloaded, by also preventing delay throughout the application due to number of users who are going to want to use the application.

**Communication transfer from phone to server:**

All Data’s that are going to be transferred from the user device and the server are going to be transfer in a form of procedure. Meaning in case if the user requests Data from the server, if the server is delaying the user from obtaining the information, then the user is going to have to wait until the server is going to provide them with the Data in which they have requested. In order to avoid delay of communication between user’s device and the server each users Data will be in a smallest or minimal size.

**Reporting of fitness information:**

Within the application, the reporting function role is going to be to display Data’s in a certain way or certain format. In which this function will be used in case if the user will be want to view their fitness Data’s.