**ITCS 6112 - Software System Design and Implementation**

**TECHNICAL DOCUMENTATION**

**PROJECT GROUP MEMBERS:**

* Aravindharaj Rajendran
* Ankit Gujrati
* Dimple Sharma
* Veda Samhitha Vadlamudi
* Vishwanarayan Sriganesh

1. ***Programming Languages:***

* Java - Android SDK - Front End Mobile App Development
* NodeJS - Middleware Server - Processing the user request and interacting with the database

***B. Reused Algorithms and Programs:***

Not Applicable. Everything was developed from the scratch

***C. Tools and Environments:***

* Node JS Server
* Android SDK
* Mongodb
* Google Cloud
* WebStorm IDE
* Android Studio

***D. Database Systems:***

MongoDB has been used as our Database for the mobile application developed

***Tables/ Collections Used:***

* Equipments
* Fitness
* Schedule
* Users

***E. Text Files:***

* **.java** and **.js** are the text files used for Android SDK and NodeJS respectively.