**Requirements Specification**

Group Name

Group Members (include studenID’s)

**Overview**

*This document is submitted in partial fulfillment of the Business Application Development module 2019-2020 delivered by Manuel Tova-Izquierdo.*

Table of Contents

[Product Overview 3](#_Toc482195060)

[Use Case Design 3](#_Toc482195061)

[GUI 3](#_Toc482195062)

[Technical Specification 3](#_Toc482195063)

[Gantt Chart 3](#_Toc482195064)

[Deployment Strategy 3](#_Toc482195065)

# Product Overview

200 words describing the product.

**[10% of Marks]**

# Use Case Design

Each group must create suitable Use Case diagrams to encapsulate the functionality required in their project.

**[20% of Marks]**

# GUI

Each group must include mock-ups of the key pages or stages of the system. Explain how they are linked. Explain how you addressed requirements in the design. It is important that the mock-ups are in line with the functional requirements, e.g. one requirement is “user registration” then one of the screens listed in this section should show a registration page.

**[20% of Marks]**

# Technical Specification

The requirements of the project should be mapped against suitable technologies. Each group is required to build their solution using any technologies you feel comfortable with i.e. Bootstrap, PHP and MySQL, however addition libraries and APIs should be identified in this section to demonstrate a technical understanding of how the group will complete the project.

**[10% of Marks]**

To develop our application, we will be using the IDE Android studio, selecting the language Java. Within our app we will need to hold multiple groups of data. To add, manipulate and delete this data, we will use Firebase. This is an add on to android studio. We will be incorporating with java and XML files. For sharing code, we will use GitHub.

# Gantt Chart

Each group must de-couple their project into manageable chunks and create a suitable Gantt Chart to illustrate the timeline for the project.

**[30% of Marks]**

# Deployment Strategy

The group should describe how they are going to deploy their solution prior to the end of the module.

**[10% of Marks]**

We are going to built the application using Android Studio which enables us to run over apps on our handset android devices.  We intend to deploy our application on our devices so, by the time the project will be done we will be able to present it live using our mobile phones to show the incorporated features.  We also intend to provide a GitHub link with all the necessary instructions on how to access the source code and run the application.