Requirement Specification

Club Personnel Manager

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# 1.Introduction

## 1.1 Purpose

This document provides an overview of the Software Requirements for the initial prototype of the “Club Personnel Manager” software application (referred to henceforth as ‘The Application’).

## 1.2 Project Scope

The application to be developed is an example of a CRUD application. The objective of the application is to allow users to create, view, edit and delete club personnel from the database. Users will be able to store the data in plaintext form. Given the prototype status of the application, several standard features and functionality have been classified as out of scope for the initial version of the application. Features and functionality considered out of scope for the application can be seen overleaf in Table 1:

|  |  |
| --- | --- |
| No support for multiple users at once | The application prototype has been designed to with a single user at a time in mind. |
| No validation of user data inputted | Players can have the same squad number etc. |
| Limited query support | There are a set of valid commands that must be inputted exactly |
| Application will run on one device only | The device will be secured and the files (csv) associated will be protected by the operating system. The device will not be connected to any network. |

# 2. Software Requirements

Section 2.1 presents the Functional Requirements for the application; whist Section 2.2 presents a set of Non-Functional Requirements for the application.

## 2.1 Functional Requirement

The following are the Functional Requirements for the application:

* FR 001 – Add a Club Personnel
* FR 002 – Edit a Club Personnel
* FR 003 – Delete a Club Personnel
* FR 004 – Search for a Club Personnel

## 2.2 Non-Functional Requirements

The following are the Non-Functional Requirements for the application:

* NFR-001: The software shall be Efficient.
* NFR-002: The software shall be Robust.
* NFR-003: The software shall be Maintainable.
* NFR-004: The software shall be Reliable.
* NFR-005: The software shall be Usable.
* NFR-006: The software shall be Secure.

# 3. Data Access Requirements

Data access is restricted to Users on the User device. The application doesn’t require access to the internet.

# 4. Data Storage Requirements

Access to the files themselves will be allowed and staff should be well trained in backing up and restoring these files.

# 5. Security Requirements

* User passwords must be at least 16 characters long
* User passwords must contain at least 1 upper case character
* User passwords must contain at least 1 lower case character
* User passwords must contain at least 1 special character (symbol) or at least 1 number.