**Software Requirements Specification for**

**Gym Management Web App**

**Version 1.0**

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**1.Introduction**

**1.1 Purpose**

* 1. **Product Scope**

## Intended Audience and Reading Suggestions

* 1. **Definitions, acronyms, and abbreviations**

**1.5 References**

**2. Overall Description**

**2.1 Product Perspective**

**2.2 Product Function**

**2.3 User Classes and Characteristics**

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**3. External Interface Requirements**

**3.1 User Interfaces**

**3.2 Hardware Interfaces**

**3.3 Software Interfaces**

**3.4 Communications Interfaces**

**4. System Features**

**4.1 Account Login**

4.1.1 Functional Requirements

• The system allow a user to access an account

• The system allow the user to change or reset his password

• The system store the information in the database.

All fields are mandatory and are to be written in the text boxes offered by the login interface. The user have access to the app only if the username and password are correct. If the username and password doesn’t corespond the user can reset the password by entering phone number.

**4.2 Account Logout**

4.2.1 Stimulus: Click "Logout" Button

4.2.2 Functional Requirements

•The system shall allow the registered users to exit account, then access to operations are restricted.

**4.3 Admin Add Member**

4.3.1 Stimulus: Click "Add Member" Button

4.3.2 Functional Requirements

•The system allow a logged-in admin to create new member accounts and new admin accounts.

* Only admins can add new admins and members.

**4.4 Admin Edit User**

4.4.1 Stimulus: Click "Edit User" Button

4.4.2 Functional Requirements

• The system allow a logged-in admin to edit a registered member

• The system display all the information that user can modify, such as user, password, privileges.

• Members are informed with the modified details

**4.5 Admin Generate Reports**

4.5.1 Stimulus: Click "Generate Reports" Button

4.5.2 Functional Requirements

* The system allow a logged-in admin to generate a report.
* The admin will be able to select between many types of reports: new accounts, old accounts, closed accounts
* Each type of report will display the corresponding data:
  + The new accounts reports will display the name of the new users
  + The old accounts reports will display the name of the first users on the page
  + The closed accounts reports will display all the users that closed their accounts

**4.6 Admin Create Pool**

4.6.1 Stimulus: Click "Create Pool" Button

4.6.2 Functional Requirements

• The system allow a logged-in admin to create a new event (classes)

• The user will have to check in at the current event or vote for a different date.

**5. Other Nonfunctional Requirements**

**5.1 Performance Requirements**

**5.2 Safety Requirements**

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**5.3 Security Requirements**

**5.4 Software Quality Attributes**