**Gym Management System**

**System Design Specification (SDS)**

**Version 1.0**

**2018/4/22**

Zhenghao Wu (1630003054)

Qizhou Xie (1630003056)

**Computer Science and Technology Program**

**United International College**

1. Document Change Log

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| --- | --- | --- | --- |
| ***Change Date*** | ***Changed By*** | ***Version*** | ***Change Description*** |
| *2018/4/22* | *Zhenghao Wu* | *1.0* | *Prepared Document* |
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1. Design Overview

*<Please provide a general overview of the project in terms of the product or service that is being built, so that anyone reading this section is able to gain an understanding of what functionality is provided and how this functionality will be technically implemented. Mention any partners that may be involved in the effort.>*

1. Tools and Standards

## Tools

* HTML 5
* CSS 3
* JavaScript
* jQuery
* Bootstrap 4.1
* Tabler 0.0.32
* Python 3.6
* Django 2.0
* MySQL/Maria DB

## Standards

* Testing on latest stable version of Google Chrome browser (66.0.3359.117 (64-bit) or later) and Mozilla Firefox browser (59.0.2 (64-bit) or later), no longer support IE 8 / IE 9.
* Using HTML5 Standard.
* Using UTF-8 encoding Standard.

1. User Interface Design

## Usage Scenario 1

*<Put screen images here to describe each usage scenario step by step. Name each screen Figure-n and use this name in your description. Under each screen, write a paragraph to explain the objects and the actions on that screen. The purpose is to make the reader understand what is on the screen, and what will happen when any action is taken on the screen.>*

## Usage Scenario 2

*<Do the same as Usage Scenario 1. Add additional usage scenario n below as needed.>*

1. Database Design

*<Describe your database design here. You can put your ER diagram in this section.>*

1. Diagrams

*<C Programming course: Control Flow diagram; Java and Workshop II: Class Diagram>*