**Project Requirements**

**CMSC 495 #6380**

**8/29/20**

**Group #5**

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**Revision History**

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| --- | --- | --- | --- |
| **Version** | **Date** | **Revisor** | **Changes made** |
| 1.0 | 8/29/20 | - | Initial Revision |

**Project Topic**

This project is a student management application, to be used by a Martial Arts school. The application’s purpose is to create and maintain a student database to assist with tracking and visualizing student data and attendance. Project Requirements are detailed in a separate document.

**Project Requirements**

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| **Requirement #** | **Description** |
| 1 | The system shall poll a database of students |
| 2 | The system shall allow updating a student’s first and last name, start date, age, rank, birthdate, phone number, address, Student ID, and active status. |
| 3 | The system shall allow updating an instructor’s first and last name, start date, age, rank, birthdate, phone number, address, Student ID, and active status. |
| 4 | The system shall display a calendar of attendance, with the number of attending students listed for each day. |
| 5 | The system shall allow inputting of attendance into the database. |
| 6 | The system shall allow the creation of new students. |
| 7 | The system shall allow the creation of new instructors. |
| 8 | The system shall display classes for a particular day, along with the students that attended those classes. |
| 9 | The system shall authenticate a user, before displaying the main interface. |
| 10 | The system shall display student drops and new students for the month. |
| 11 | The system shall not duplicate student ID’s. |