Use Case: Account Creation

## Brief Description

The goal of this use case is to allow the actor to access the website. If not registered, the actor will register. The actor provides a username, password, and the given class password. The class password is created by the administrator and given to the student. When the account is being created, it is stored in a database. After account creation, the actor may access the system.

# Included Use Cases

N/A

# Preconditions

Create virtual scope website using html

Registered first to access the website

# Flow of Events

## Basic Flow – Creating a username and password to access virtual scope website

1. This use case begins when the user is given a class password to registered for the website from administrator
2. The system presents a blank username, password for users to type into log in.
3. The system presents a blank class password for users to input, if correct then user account creation is successful
4. The use case ends.

## Alternative Flows

None

## Exception Flows

E1: System determines that class password is correct

1. This flow begins when the system determines that once type, the class password is correct
2. The system presents a message telling the user that class password incorrect not able to registered
3. The use case ends.

# Requirements

### Presentation Requirements

1. The username and password should be appropriate following 8-10 characters, one uppercase letter, a symbol and lower-case letter.

# Post-conditions

1. The system presents YouTube videos of live streaming under the microscope
2. The system presents a view photo from the live streaming

# Notes & Open Issues

Q1: What is the limit on history we want to present?

A1: No limit at this time.

Q2: What if the system does not have a live streaming viewer like YouTube?

A2: All YouTube streaming should work properly using URL.

# Out of Scope (Future Functionality)

None

# Appendix A – Data Table for Registration

| **Username** | **Password** | **Class Password** |
| --- | --- | --- |
| Username | Password | Text |
| Username | Password | Text |
| Admin Username | Password | Text |

