MUMSched SYSTEM

# Introduction

This Requirements Document defines the major Use Cases for the MUM SCHEDULE System

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# Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 10/03/2017 | Draft | Initial Draft: | Duong Truong |

# Use Case Overview

## Actors and their capabilities

### *Students* can:

#### Read and update Profile

#### View Schedule

#### Register to a Section

### *Faculty* can:

#### Read and update Profile

#### View Schedule

# *Read and update Profile*

## Brief Description

## This use case allows the student and faculty read and update their profile

## Actors

## Student

## Faculty

## Preconditions

## Student and Faculty already have a profile in the system.

## Flow of Events

#### Basic Flow

|  |  |
| --- | --- |
| **User Action** | **System Response** |
| 1. Student/Faculty logs in to MUMSched system | 1. Check if student/faculty is eligible for MUMSched  2. Login successfully. |
| 2.Student/Faculty selects “Profile” | 3. Display the profile and enable to update some information:   * Student:   + student-ID (disable update)   + Password   + Name   + Personal email   + Entry   + Track   + Phone   + Address * Faculty:   + ID (disable update)   + Password   + Name   + Personal email   + Prefer block   + Phone   + Address |
| 3. Student/Faculty update the profile and click “Save” | 4.Verify the information is valid.  5.Store profile in User DB |

#### 

## Alternate Flow

## Some information is invalid (wrong email or phone format)

|  |  |
| --- | --- |
| **User Action** | **System Response** |
| 1. Student/Faculty update invalid email/phone | 1. Notify the email/phone input is invalid |
| 2. Student/Faculty click save with invalid information | 2. The system notify the invalid information and keep the last profile save -> no update the profile DB |

## Exceptional Flow

### Student/Faculty not eligible read/update the profile.

|  |  |
| --- | --- |
| **User Action** | **System Response** |
| 1. Student attempts to log into MUMSched system | 1. Display a message that the student/faculty is not eligible to read/update the profile. Provide a help link for what they should do. |

## Post-Conditions

The profile record is updated to the DB

## Business Rules

## Nonfunctional Requirements

# *View Schedule*

## Brief Description

## This use case allows the student/faculty to view their Schedule during the Entry

## Actors

## Student

## Faculty

## Preconditions

## The Student/Faculty already register successfully for sectors and courses and enrolled in schedule

## Flow of Events

### Basic Flow

|  |  |
| --- | --- |
| **User Action** | **System Response** |
| 1. Student/Faculty logs in MUMSched system | 1. Check if student/faculty is eligible for viewing the schedule. |
| 2 Student selects “View Schedule”. | 2.Schedule displayed:   * Entry * Date start * Date end * Course Name * Course number * Course level * Prerequisites * Faculty name * Number of students enrolled |

### Alternate Flow

## The student didn’t register to the Section yet.

|  |  |
| --- | --- |
| **User Action** | **System Response** |
| 1. Student didn’t register to the Section and select view Schedule | 1. Notify that the student didn’t enroll in any section. Send a help link for register Schedule. |

## Post-Conditions

The system display the Schedule for Student/Faculty.

## Business Rules

## Nonfunctional Requirements

# *Register to a Section*

## Brief Description

## This use case allows the student register to a Section

## Actors

## Student

## Preconditions

## A student is eligible for register the section and the register season is open

## Flow of Events

## Basic Flow

|  |  |
| --- | --- |
| **User Action** | **System Response** |
| 1. Student logs in to MUMSched system | 1. Check if student is eligible for MUMSched. |
| 2.Student selects “Register to a Section” | 2.Display list of available section for student to choose their favorite course for the section |

## Post-Conditions

The system notify register successfully and the favorite course of student is saved to the DB

## Business Rules

## Non-functional Requirements