MUMSched

Use Case Specification: Update Faculty Profile

Version 1.1

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Update Faculty Profile

# Brief Description

This use case allows the Faculty/SchedAdmin to update Faculty profile.

# Actors

SchedAdmin or Faculty

# Preconditions

SchedAdmin/Faculty is logged into the system and at the home page.

Users are created.

Courses are created (not required).

# Flow of Events

## Basic Flow

|  |  |
| --- | --- |
| **User Action** | **System Response** |
| 1. The SchedAdmin/Faculty selects function to update faculty profile. | 1. The system displays the Faculty Profile form with existing profile info. And the list of Blocks that the Faculty prefers to teach, also the list of Courses that the Faculty can teach. |
| 2.1 The SchedAdmin/Faculty updates information for the Faculty profile.  2.2 The SchedAdmin/Faculty updates blocks that the Faculty prefers to teach.  2.3 The SchedAdmin/Faculty updates courses that the Faculty can teach.  2.4 The faculty saves the changes. | 2.1 The system validates inputs from the user:  - duplicate username  - empty string for first name, last name…  2.2 The profile is updated with new updates from the SchedAdmin/Faculty.  2.3 Blocks the Faculty prefers to teach are updated for the Faculty.  2.4. Selected Courses are updated for the Faculty. |

## Alternate Flows

### No course available so SchedAdmin cannot update courses the faculty can teach.

### No other username available (not assigned to any Faculty) so SchedAdmin/Faculty cannot change the username.

## Exceptional Flows

### Connection to legacy database unavailable

# Post-Conditions

The Faculty profile, Blocks, Courses for the Faculty are updated to the MUMSched DB successfully.

# Business Rules

1. Every faculty must have a unique username. The system does not allow 2 faculties have the same username.
2. Courses that the faculty can teach would be updated by UC of create/update Courses and are reflected in the list of Teaching Courses.

# Nonfunctional Requirements