**Name** : MUMAdmin

**Registration**: #111111

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For Administrator

**MUM Bikes Management System**:Use Case Description

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| Use Case Number: 1 | | |
| Name | User Profile CRUD | |
| Brief description | This use case allows the admin to create profiles for faculty and student | |
| Actors | Admin | |
|  | | |
| Preconditions | | |
| The admin must logged in to the system | | |
| Flows of Events: | | |
| 1. Basic Flows | | |
| 1.1.0 Create Student Profile | | |
| **Step** | **User Actions** | **System Actions** |
| 1 | The admin select student from user type main menu | The system displays Student registration form |
| 2 | The admin fill the form and click submit button | The system validate student information if successful save it and redirect to confirmation page else it displays unsuccessful page |
| Postconditions | | |
| The student profile is persisted in the system | | |
| Business Rules | | |
| No duplicate student profiles. A unique profile is identified by email address | | |
| 1.1.1 Read/view Student Profile | | |
| Step | User Actions | System Actions |
| 1 | The Administrator select student from the main menu | The system displays a list student with their first name,last name,email address,detail button,update button and delete button |
| 2. | The administrator click the detail button to view detail information about the desire student | The system displays the student detail information which includes first name,last name,email address and bicycle registration number |
| 1.1.2 Update Student Profile | | |
| Step | User Actions | System Actions |
| 1 | The Administrator select student from the main menu | The system displays a list of students and each row has first name,last name,email address,detail button,update button and delete button |
| 2 | The Administrator click the update button from the desired student row | The system displays editable form which contains all the fields. |
| 3 | The Administrator modified the student information and save it by clicking save button. | The system validate the information modified by the administrator. If it doesn’t have any problem the system save it but if it has it displays error message |
| Postconditions | | |
| The student profile will be updated | | |
| Business Rule | | |
| The email address is not modifiable | | |
| 1.1.3 Delete Student Profile | | |
| Step | User Actions | System Actions |
| 1 | The Administrator select student from the main menu | The system displays a list of students and each row has first name,last name,email address,detail button,update button and delete button |
| 2 | The Administrator click the delete button from the desired student row | The system first check if the the student is can be deleted, if so the system displays “*are you sure*” pop message. If administrator selects yes the system delete the student information from the database and displays confirmation message. If the administrator select no,no action will be made. |
| Postconditions | | |
| The student profile will be deleted from the database | | |
| Business Rule | | |
| The email address is not modifiable | | |

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| Managing Faculty information | | |
| Preconditions | | |
| The admin must logged in to the system | | |
| Flows of Events: | | |
| 1. Basic Flows | | |
| 1.2.0 Create Faculty Profile | | |
| Step | User Actions | System Actions |
| 1 | The admin select faculty from user type main menu | The system displays faculty registration form |
| 2 | The admin fill the form and click submit button | The system validate faculty information if successful it save it and redirect to confirmation page else it displays unsuccessful page |
| Postconditions | | |
| The faculty profile is persisted in the system | | |
| Business Rules | | |
| No duplicate faculty profiles. A unique profile is identified by email address | | |
| 1.2.1 Read/view faculty Profile | | |
| Step | User Actions | System Actions |
| 1 | The Administrator select faculty from the main menu | The system displays a list faculty and each row has first name,last name,email address,detail button,update button and delete button |
| 2. | The administrator click the detail button to view detail information about the desire faculty | The system displays the faculty detail information which includes first name,last name,email address and bicycle registration number |
| 1.2.2 Update Faculty Profile | | |
| Step | User Actions | System Actions |
| 1 | The Administrator select faculty from the main menu | The system displays a list of faculties and each row has first name,last name,email address,detail button,update button and delete button |
| 2 | The Administrator click the update button from the desired faculty row | The system displays editable form which contains all the fields. |
| 3 | The Administrator modified the faculty information and save it by clicking save button. | The system validate the information modified by the administrator. If it doesn’t have any problem the system save it but if it has it displays error message |
| Postconditions | | |
| The Faculty profile will be updated | | |
| Business Rule | | |
| The email address is not modifiable | | |
| 1.2.3 Delete Faculty Profile | | |
| Step | User Actions | System Actions |
| 1 | The Administrator select faculty from the main menu | The system displays a list of faculties and each row has first name,last name,email address,detail button,update button and delete button |
| 2 | The Administrator click the delete button from the desired faculty row | The system first check if the the faculty is can be deleted, if so the system displays “*are you sure*” pop message. If administrator selects yes the system delete the faculty information from the database and displays confirmation message. If the administrator select no,no action will be made. |
| Postconditions | | |
| The faculty profile will be deleted from the database | | |
| Business Rule | | |
| The email address is not modifiable | | |