| Use Case Id: | 1.0 |
| --- | --- |
| Use Case Name: | Register |
| Created By: | Basanta, Harshan, Seezan Last updated by: |
| Date Created: | April 26, 2023 Date last updated: |
| Actor(s): | Student, Facilitator |
| Description: | Users register themselves into the system using their email id. Users select a unique username and password to register with some details for registration. Users have to include their roles to get different facilities according to roles. |
| Precondition: | 1. Users have to validate their email. |
| Postcondition: | 1. System displays the login page. |
| Normal Courses: | 1. Users validate their email. 2. Users select a unique username and password. 3. System checks for the username and password in the database. 4. Users choose the roles. 5. Users submit the email, username,password,date of birth and roles. 6. The use case ends. |
| Alternative Courses: | 1a. Upon missing email:   * System prompts for email. * The use case resumes at step 1.   5a. Upon not unique username and password:   * System prompts a message. * The use case resumes at step 2. |
| Exceptions: | Nil |
| Includes: |  |
| Priority: | High |
| Frequency of use: | 24 hours a day |
| Business Rule: | User must register through a email id. |
| Special Requirement: |  |
| Assumptions: | Nil |
| Notes and Issues: |  |
| Use Case graphics: |  |

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| Use Case Id: | 2.0 |
| Use Case Name: | Log In |
| Created By: | Basanta, Harshan, Seezan Last updated by: |
| Date Created: | April 26, 2023 Date last updated: |
| Actor(s): | Student,Admin,Facilitator |
| Description: | This use case allows users to login into the system and perform different functions according to the user roles. All the users have to enter a unique username and password. |
| Precondition: | 1. Users have to validate their account. |
| Postcondition: | 1. System displays the relevant homepage. |
| Normal Courses: | 1. Users enter the username and password. 2. User submits the username and password. 3. System validates the username and password. 4. System verifies the username and password. 5. System detects the usertype. 6. System displays the home page. 7. This use case ends. |
| Alternative Courses: | 3a. Upon missing username and password:   1. the system prompts for username and password. 2. the use case resumes at step 1.   4a. Upon invalid username and password:   1. the system displays invalid messages. 2. the system prompts for username and password. 3. The system resumes at step 1. |
| Exceptions: | Nil |
| Includes: |  |
| Priority: | High |
| Frequency of use: | 24 hours a day |
| Business Rule: | User must login through a registered and verified account. |
| Special Requirement: |  |
| Assumptions: | Nil |
| Notes and Issues: |  |
| Use Case graphics: |  |

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| Use Case Id: | 4.0 |
| Use Case Name: | Update Facilitator Info |
| Created By: | Basanta, Harshan, Seezan Last updated by: |
| Date Created: | April 26, 2023 Date last updated: |
| Actor(s): | Admin,Facilitator |
| Description: | Admin,facilitator can update facilitator and info into the update facilitator section. |
| Precondition: | 1. Admin,facilitator login into the system. 2. Admin,facilitator opens the update facilitator section. |
| Postcondition: | 1. New facilitator is seen in the facilitator section. |
| Normal Courses: | 1. Admin,facilitator gives the facilitator name and details. 2. Admin,facilitaor submits the facilitator name and details. 3. This use case ends. |
| Alternative Courses: | 1a. Upon missing course name:   * The system displays missing courses. * The use case resumes at step 1. |
| Exceptions: | 1. Admin do not fill up the details. |
| Includes: |  |
| Priority: | Medium |
| Frequency of use: | 24 hours a day |
| Business Rule: |  |
| Special Requirement: |  |
| Assumptions: | Nil |
| Notes and Issues: |  |
| Use Case graphics: |  |

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| Use Case Id: | 4.1 |
| Use Case Name: | View Facilitator Info |
| Created By: | Basanta, Harshan, Seezan Last updated by: |
| Date Created: | April 26, 2023 Date last updated: |
| Actor(s): | Student,Facilitator |
| Description: | Students can view facilitator info provided by the admin in the view facilitator section. |
| Precondition: | 1. Students login into the system. 2. Student opens the view facilitator section. |
| Postcondition: | 1. Students can view the facilitator info. |
| Normal Courses: | 1. Students get the facilitator details. 2. Students download the facilitator details. 3. The use case ends. |
| Alternative Courses: | 2a. Upon not downloading facilitator info:   * System exits to homepage. |
| Exceptions: | 1. Student’s don’t view the facilitator info. |
| Includes: |  |
| Priority: | Low |
| Frequency of use: | 24 hours a day |
| Business Rule: |  |
| Special Requirement: |  |
| Assumptions: | Nil |
| Notes and Issues: |  |
| Use Case graphics: |  |

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| Use Case Id: | 5.0 |
| Use Case Name: | Update Student’s Info |
| Created By: | Basanta, Harshan, Seezan Last updated by: |
| Date Created: | April 26, 2023 Date last updated: |
| Actor(s): | Admin,Facilitator |
| Description: | Users can check the student details and edit the students details. Admin and facilitators can update the status of students on the basis of marks and results. Students can only update their profile status. |
| Precondition: | 1. Users must login into the system 2. Users open the update student section. |
| Postcondition: | 1. Data about the student is updated. |
| Normal Courses: | 1. Users update the students' details. 2. Users submit the students' details. 3. This use case ends. |
| Alternative Courses: | 1a. Upon missing students info.   * System gives a message to the user. |
| Exceptions: | User do not update the students details. |
| Includes: |  |
| Priority: | High |
| Frequency of use: | 24 hours a day |
| Business Rule: |  |
| Special Requirement: |  |
| Assumptions: | Nil |
| Notes and Issues: |  |
| Use Case graphics: |  |

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| Use Case Id: | 6.0 |
| Use Case Name: | View Student’s Info |
| Created By: | Basanta, Harshan, Seezan Last updated by: |
| Date Created: | April 26, 2023 Date last updated: |
| Actor(s): | Admin,Facilitator,Students |
| Description: | Users can view students info provided by the database in the view student section. |
| Precondition: | 1. Users login into the system. 2. Student opens the view student section. |
| Postcondition: | * + - 1. Students can view the student info. |
| Normal Courses: | * + - 1. Students get the student details.       2. Students download the student details.       3. The use case ends. |
| Alternative Courses: | 2a. Upon not downloading facilitator info:   * System exits to homepage. |
| Exceptions: | Student’s don’t view the students info. |
| Includes: |  |
| Priority: | High |
| Frequency of use: | 24 hours a day |
| Business Rule: |  |
| Special Requirement: |  |
| Assumptions: | Nil |
| Notes and Issues: |  |
| Use Case graphics: |  |

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| Use Case Id: | 7.0 |
| Use Case Name: | Add Course Info |
| Created By: | Basanta, Harshan, Seezan Last updated by: |
| Date Created: | April 26, 2023 Date last updated: |
| Actor(s): | Admin,Facilitator |
| Description: | Admins can add the course into the system by logging into their system. |
| Precondition: | 1. Users must login into the system 2. Users open the add course section. |
| Postcondition: | 1. Data is added into the system. |
| Normal Courses: | 1. Admin enter the course name and description. 2. Admin submit the course details. 3. This use case ends. |
| Alternative Courses: | Nil |
| Exceptions: | Admin do not add the course. |
| Includes: |  |
| Priority: | High |
| Frequency of use: | 24 hours a day |
| Business Rule: |  |
| Special Requirement: |  |
| Assumptions: | Nil |
| Notes and Issues: |  |
| Use Case graphics: |  |

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| Use Case Id: | 8.0 |
| Use Case Name: | Update Course Info |
| Created By: | Basanta, Harshan, Seezan Last updated by: |
| Date Created: | April 26, 2023 Date last updated: |
| Actor(s): | Admin |
| Description: | Admins can update the course into the system by logging into their system. |
| Precondition: | 1. Admins must login into the system 2. Admins open the update course section. |
| Postcondition: | 1. Data is added into the system. |
| Normal Courses: | 1. Admin update the course name and description. 2. Admin submit the course details. 3. This use case ends. |
| Alternative Courses: | Nil |
| Exceptions: | Admin do not update the course. |
| Includes: |  |
| Priority: | High |
| Frequency of use: | 24 hours a day |
| Business Rule: |  |
| Special Requirement: |  |
| Assumptions: | Nil |
| Notes and Issues: |  |
| Use Case graphics: |  |

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| --- | --- |
| Use Case Id: | 9.0 |
| Use Case Name: | View Course Info |
| Created By: | Basanta, Harshan, Seezan Last updated by: |
| Date Created: | April 26, 2023 Date last updated: |
| Actor(s): | Admin |
| Description: | Admins, teachers and students can view the course into the system by logging into their system. |
| Precondition: | 1. Users must login into the system 2. Users open the view course section. |
| Postcondition: | 1. Data is view into the system. |
| Normal Courses: | 1. Admin view the course name and description. 2. This use case ends. |
| Alternative Courses: | Nil |
| Exceptions: | Users do not view the course. |
| Includes: |  |
| Priority: | High |
| Frequency of use: | 24 hours a day |
| Business Rule: |  |
| Special Requirement: |  |
| Assumptions: | Nil |
| Notes and Issues: |  |
| Use Case graphics: |  |

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| Use Case Id: | 10.0 |
| Use Case Name: | Add teacher |
| Created By: | Basanta, Harshan, Seezan Last updated by: |
| Date Created: | April 26, 2023 Date last updated: |
| Actor(s): | Admin |
| Description: | Admins, teachers and students can add the teacher into the system by logging into their system. |
| Precondition: | 1. Admins must login into the system 2. Admins open the add teacher section. |
| Postcondition: | 1. Data is entered into the system. |
| Normal Courses: | 1. Admin add the teacher details. 2. This use case ends. |
| Alternative Courses: | Nil |
| Exceptions: | Admins do not add the teachers. |
| Includes: |  |
| Priority: | High |
| Frequency of use: | 24 hours a day |
| Business Rule: |  |
| Special Requirement: |  |
| Assumptions: | Nil |
| Notes and Issues: |  |
| Use Case graphics: |  |