1. **Admin Role**

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| **Use Case ID:** | UC1.1 |
| **Use Case Name:** | Register Employee |
| **Actors:** | Admin |
| **Description:** | New employee record is created, including employee role |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin must be authenticated in system * Needs employee information such as name |
| **Postconditions** | 1. New employee has been added to database |
| **Notes and Issues:** |  |

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| **Use Case ID:** | UC1.2 |
| **Use Case Name:** | Update Employee |
| **Actors:** | Admin |
| **Description:** | Employee record is updated, changing information |
| **Trigger: (Optional)** | An employee’s details change |
| **Preconditions:** | * Admin must be authenticated in system |
| **Postconditions** | 1. New employee information replaces old information in database |
| **Notes and Issues:** | If employee data is other tables, new information is cascaded throughout them.. |

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| --- | --- |
| **Use Case ID:** | UC1.3 |
| **Use Case Name:** | Check Employee |
| **Actors:** | Admin |
| **Description:** | Employee information is viewed |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin must be authenticated in system |
| **Postconditions** | 1. Data is left in same state as it was when accessed |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC1.4 |
| **Use Case Name:** | Delete Employee |
| **Actors:** | Admin |
| **Description:** | Employee entry is deleted from database |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin must be authenticated in system * Employee information is no longer needed |
| **Postconditions** | 1. Employee data deleted no longer exists in database |
| **Notes and Issues:** | Refuse delete if employee data exists in other tables |

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| --- | --- |
| **Use Case ID:** | UC1.5 |
| **Use Case Name:** | Register Unit |
| **Actors:** | Admin |
| **Description:** | New unit record is created |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin must be authenticated in system * Required unit information is available |
| **Postconditions** | 1. New unit information is now stored in database |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC1.6 |
| **Use Case Name:** | Update Unit |
| **Actors:** | Admin |
| **Description:** | Unit record is updated with new information |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin must be authenticated in system |
| **Postconditions** | 1. Old unit information is replaced with new information in database |
| **Notes and Issues:** | If unit data exists in other tables, update is cascaded throughout |

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| --- | --- |
| **Use Case ID:** | UC1.7 |
| **Use Case Name:** | Check Unit |
| **Actors:** | Admin |
| **Description:** | Unit information is viewed |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin is authenticated in system * Unit exists in database |
| **Postconditions** | 1. Unit information is left in same state as before it was viewed |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC1.8 |
| **Use Case Name:** | Delete Unit |
| **Actors:** | Admin |
| **Description:** | Unit information is deleted |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin is authenticated in system * Unit exists in database |
| **Postconditions** | 1. Unit data no longer exists in database |
| **Notes and Issues:** | Refuse delete if unit exists in other tables |

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| --- | --- |
| **Use Case ID:** | UC1.9 |
| **Use Case Name:** | Register Student |
| **Actors:** | Admin |
| **Description:** | New student is registered |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin is authenticated in system |
| **Postconditions** | 1. New student information is stored in database |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC1.10 |
| **Use Case Name:** | Update Student |
| **Actors:** | Admin |
| **Description:** | Student information is updated |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin is authenticated in system |
| **Postconditions** | 1. Student information is replaced with new information |
| **Notes and Issues:** | If student exists in other tables, update is cascaded throughout |

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| --- | --- |
| **Use Case ID:** | UC1.11 |
| **Use Case Name:** | Check Student |
| **Actors:** | Admin |
| **Description:** | Student information is viewed |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin authenticated in system |
| **Postconditions** | 1. Student information is left in same state as before viewing |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC1.12 |
| **Use Case Name:** | Delete Student |
| **Actors:** | Admin |
| **Description:** | Student information is deleted |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin authenticated in system |
| **Postconditions** | 1. Student information no longer exists in database |
| **Notes and Issues:** | Refuse delete if student information exists in other tables |

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| --- | --- |
| **Use Case ID:** | UC1.13 |
| **Use Case Name:** | Register Enrolment |
| **Actors:** | Admin |
| **Description:** | New enrolment is made for a student in a unit |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin is authenticated in system * Units need to exist * Unit must be offered in that study period |
| **Postconditions** | 1. Student enrolment information exists in database |
| **Notes and Issues:** | Each row in enrolment is for one student to enrol in one unit |

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| --- | --- |
| **Use Case ID:** | UC1.14 |
| **Use Case Name:** | Update Enrolment |
| **Actors:** | Admin |
| **Description:** | Student enrolment information is updated |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin is authenticated in system |
| **Postconditions** | 1. Student enrolment information is replaced with new information |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC1.15 |
| **Use Case Name:** | Check Enrolment |
| **Actors:** | Admin |
| **Description:** | Student enrollment Information is viewed. |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin authenticated in system |
| **Postconditions** | 1. Student enrolment information is left in same state as before viewing |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC1.16 |
| **Use Case Name:** | Delete Enrolment |
| **Actors:** | Admin |
| **Description:** | Student enrolment information is deleted |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin authenticated in system |
| **Postconditions** | 1. Student enrolment information no longer exists in database |
| **Notes and Issues:** |  |

**2. Convenor Role**

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| --- | --- |
| **Use Case ID:** | UC2.1 |
| **Use Case Name:** | Register Team |
| **Actors:** | Convenor |
| **Description:** | A new team record is created |
| **Trigger: (Optional)** | Teams have been formed |
| **Preconditions:** | * Convenor authenticated in system |
| **Postconditions** | 1. New Team information is stored in database |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC2.2 |
| **Use Case Name:** | Update Team |
| **Actors:** | Convenor |
| **Description:** | Team information is updated |
| **Trigger: (Optional)** | A change in a team is required, such as adding or removing team members |
| **Preconditions:** | * Convenor is authenticated in system |
| **Postconditions** | 1. Team information is replaced with new information 2. Old Team information is stored (:old values) |
| **Notes and Issues:** | When update, apply update cascade if the team id is used in any other table |

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| --- | --- |
| **Use Case ID:** | UC2.3 |
| **Use Case Name:** | Check Team |
| **Actors:** | Convenor |
| **Description:** | Team Information is viewed. |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Convenor is authenticated in system |
| **Postconditions** | 1. Team information is left in same state as before viewing |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC2.4 |
| **Use Case Name:** | Delete Team |
| **Actors:** | Convenor |
| **Description:** | Team information is deleted |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Admin authenticated in system |
| **Postconditions** | 1. Team information no longer exists in database |
| **Notes and Issues:** | Do not allow delete if the team id is used by any other table |

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| --- | --- |
| **Use Case ID:** | UC2.5 |
| **Use Case Name:** | Register Project |
| **Actors:** | Convenor |
| **Description:** | New Project is created |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Covenor is authenticated in system |
| **Postconditions** | 1. Project information exists in database |
| **Notes and Issues:** | Project description is stored externally as an attached file |

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| --- | --- |
| **Use Case ID:** | UC2.6 |
| **Use Case Name:** | Update Project |
| **Actors:** | Convenor |
| **Description:** | Project information is updated |
| **Trigger: (Optional)** | A change in a project is required |
| **Preconditions:** | * Convenor is authenticated in system |
| **Postconditions** | 1. Project information is replaced with new information |
| **Notes and Issues:** | When update, apply update cascade if the project id is used in any other table |

|  |  |
| --- | --- |
| **Use Case ID:** | UC2.7 |
| **Use Case Name:** | Check Project |
| **Actors:** | Convenor |
| **Description:** | Project Information is viewed. |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Convenor is authenticated in system |
| **Postconditions** | 1. Project is left in same state as before viewing |
| **Notes and Issues:** |  |

|  |  |
| --- | --- |
| **Use Case ID:** | UC2.8 |
| **Use Case Name:** | Delete Project |
| **Actors:** | Convenor |
| **Description:** | Project information is deleted |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Convenor authenticated in system |
| **Postconditions** | 1. Team information no longer exists in database |
| **Notes and Issues:** | Do not allow delete if the project id is used by any other table |

|  |  |
| --- | --- |
| **Use Case ID:** | UC2.9 |
| **Use Case Name:** | Register Assessment |
| **Actors:** | Convenor |
| **Description:** | New assessment is created |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Convenor is authenticated in system |
| **Postconditions** | 1. Assessment information exists in database |
| **Notes and Issues:** | Needs to cater for varying structures and marking criteria data. |

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| --- | --- |
| **Use Case ID:** | UC2.10 |
| **Use Case Name:** | Update Assessment |
| **Actors:** | Convenor |
| **Description:** | Assessment information is updated |
| **Trigger: (Optional)** | A change in an assessment is required |
| **Preconditions:** | * Convenor is authenticated in system |
| **Postconditions** | 1. Assessment information is replaced with new information |
| **Notes and Issues:** | When update, apply update cascade if the assessment id is used in any other table |

|  |  |
| --- | --- |
| **Use Case ID:** | UC2.11 |
| **Use Case Name:** | Check Assessment |
| **Actors:** | Convenor |
| **Description:** | Assessment information is viewed. |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Convenor is authenticated in system |
| **Postconditions** | 1. Assessment is left in same state as before viewing |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC2.12 |
| **Use Case Name:** | Delete Assessment |
| **Actors:** | Convenor |
| **Description:** | Assessment information is deleted |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Convenor authenticated in system |
| **Postconditions** | 1. Assessment information no longer exists in database |
| **Notes and Issues:** | Do not allow delete if the assessment id is used by any other table |

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| **Use Case ID:** | UC2.13 |
| **Use Case Name:** | Register Team Allocation |
| **Actors:** | Convenor |
| **Description:** | Assigns a project and a supervisor to a team of students. |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Convenor is authenticated in system * Supervisors, projects and teams have been registered. |
| **Postconditions** | 1. Team Allocation information exists in database |
| **Notes and Issues:** | Only allow registered supervisors and projects to be allocated to teams. |

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| --- | --- |
| **Use Case ID:** | UC2.14 |
| **Use Case Name:** | Update Team Allocation |
| **Actors:** | Convenor |
| **Description:** | Team Allocation information is updated |
| **Trigger: (Optional)** | A change in an team allocation is required |
| **Preconditions:** | * Convenor is authenticated in system |
| **Postconditions** | 1. Team Allocation information is replaced with new information 2. Old Team Allocation information is stored (:old values) |
| **Notes and Issues:** | When update, apply update cascade if the team allocation id is used in any other table |

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| --- | --- |
| **Use Case ID:** | UC2.15 |
| **Use Case Name:** | Check Team Allocations |
| **Actors:** | Convenor |
| **Description:** | Team Allocation information is viewed. |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Convenor is authenticated in system |
| **Postconditions** | 1. Team Allocation is left in same state as before viewing |
| **Notes and Issues:** |  |

|  |  |
| --- | --- |
| **Use Case ID:** | UC2.16 |
| **Use Case Name:** | Delete Team Allocation |
| **Actors:** | Convenor |
| **Description:** | Team Allocation information is deleted |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Convenor authenticated in system |
| **Postconditions** | 1. Assessment information no longer exists in database |
| **Notes and Issues:** |  |

**3 - Supervisor Role**

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| --- | --- |
| **Use Case ID:** | UC3.1 |
| **Use Case Name:** | Check Meeting |
| **Actors:** | Supervisor |
| **Description:** | Student meeting information is viewed |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Supervisor is authenticated in system, or * Convenor is authenticated in system |
| **Postconditions** | 1. Meeting information is in same state before being accessed |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC3.2 |
| **Use Case Name:** | Create Meeting |
| **Actors:** | Supervisor |
| **Description:** | Student meeting is booked |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Supervisor is authenticated in system |
| **Postconditions** | 1. New meeting information exists in system |
| **Notes and Issues:** | Marking is done as part of a meeting |

|  |  |
| --- | --- |
| **Use Case ID:** | UC3.3 |
| **Use Case Name:** | Update Meeting |
| **Actors:** | Supervisor |
| **Description:** | Student meeting is updated |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Supervisor is authenticated in system |
| **Postconditions** | 1. New meeting information replaces old information |
| **Notes and Issues:** |  |

**4. Student Role**

|  |  |
| --- | --- |
| **Use Case ID:** | UC4.1 |
| **Use Case Name:** | Check Meeting Information |
| **Actors:** | Student, Convenor |
| **Description:** | Student meeting information is viewed |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Student is authenticated in system, or * Convenor is authenticated in system |
| **Postconditions** | 1. Meeting information is in same state as before it was accessed |
| **Notes and Issues:** |  |

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| --- | --- |
| **Use Case ID:** | UC4.2 |
| **Use Case Name:** | Update Meeting Minutes Information |
| **Actors:** | Student |
| **Description:** | Student meeting minutes are updated |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Student is authenticated in system |
| **Postconditions** | 1. Meeting record contains new minutes information |
| **Notes and Issues:** | Record cannot be updated if date is greater than meeting data. |

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| --- | --- |
| **Use Case ID:** | UC4.3 |
| **Use Case Name:** | Submit Team Contribution |
| **Actors:** | Student |
| **Description:** | Student uploads and submits their team’s work |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Student is authenticated in system * Student is part of a team |
| **Postconditions** | 1. Work is stored in system 2. Each member of team is credited for work |
| **Notes and Issues:** | If a submission is already made, reject further submissions. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC4.4 |
| **Use Case Name:** | Check Team Contribution |
| **Actors:** | Student |
| **Description:** | Student checks team contributions already made |
| **Trigger: (Optional)** |  |
| **Preconditions:** | * Student is authenticated in system * Student is part of a team |
| **Postconditions** | 1. Contribution is left in same state before viewing |
| **Notes and Issues:** |  |