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| System | Student management system |
| Use case | login |
| actor | student |
|  | After clicking on the login button. The student should insert his code and national ID.  If the student inserts valid data, the login will be completed and the student will access the application.  If the student inserts an invalid code an error message will appear asking to enter a valid code.  If the student inserts an invalid national ID error message will appear asking to enter a valid national ID.  After the correct login, the student can change his password. |

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| System | Student management system |
| Use case | Lecture Management |
| actor | student |
| data | After the correct login, the student can manage lectures by recording his presence for lectures. |

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| System | Student management system |
| Use case | Sessions Management |
| actor | student |
| data | After the correct login, the student can manage sessions by recording his presence for sections. |

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| System | Student management system |
| Use case | Student Manage |
| actor | student |
| data | After the correct login, the student can manage his profile. |

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| System | Student management system |
| Use case | News |
| actor | student |
| data | Students can see all the news before logging in. |

Professor:-

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| System | Student management system |
| Use case | login |
| actor | Professor |
| data | After clicking on the login button. The Professor should insert his code and national ID.  If the Professor inserts valid data the login will be completed and the Professor will access the application.  If the Professor inserts an invalid code error message will appear asking to enter a valid code.  If the Professor inserts an invalid national ID error message will appear asking to enter a valid national ID.  After the correct login, the Professor can make his password. |

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| System | Student management system |
| Use case | Lecture Management |
| actor | Professor |
| data | After correct login, the Professor is managing Lectures by recording student Presence and tracking student participation during lectures. |

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| System | Student management system |
| Use case | Student Manage |
| actor | Professor |
| data | After the correct login, the Professor can manage the student profile. |

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| System | Student management system |
| Use case | News |
| actor | Professor |
| data | After the correct login, the Professor can see all news before logging in. |

instructor:-

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| System | Student management system |
| Use case | login |
| actor | instructor |
| data | After clicking on the login button. The instructor should insert his code and national ID.  If the instructor inserts valid data the login will be completed and the instructor will access the application.  If the instructor inserts an invalid code error message will appear asking to enter a valid code.  If the instructor inserts an invalid national ID error message will appear asking to enter a valid national ID.  After the correct login, the instructor can make his password. |

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| System | Student management system |
| Use case | Sessions Management |
| actor | instructor |
| data | After correct login, the instructor is managing sessions by recording student Presence and tracking student participation during sessions. |

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| System | Student management system |
| Use case | Student Manage |
| actor | Instructor |
| data | After the correct login, the instructor can manage the student profile. |

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| System | Student management system |
| Use case | News |
| actor | Instructor |
| data | After the correct login, the instructor can see all the news before logging in. |

Admin:-

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| System | Student management system |
| Use case | Register |
| actor | admin |
| data | After clicking on the register button admin should insert his identification information.  And data will be saved in the database. |

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| System | Student management system |
| Use case | login |
| actor | Admin |
| data | After clicking on the login button. The admin should insert his email and password.  If the admin inserts valid data the login will be completed and the admin will access the application.  If the admin inserts an invalid email error message will appear asking to enter a valid email.  If the admin inserts an invalid password, an error message will appear asking to enter the right password. |

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| System | Student management system |
| Use case | Student Manage |
| actor | admin |
| data | After the correct login, the admin can manage the student (add, delete, edit). |

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| System | Student management system |
| Use case | News |
| actor | admin |
| data | After the correct login, the admin can manage News (publish, edit, delete). |

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| System | Student management system |
| Use case | Permission Manage |
| actor | admin |
| data | After the correct login, the admin can manage permission(student, professor, or another admin). |

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| System | Student management system |
| Use case | Sessions Management |
| actor | Admin |
| data | After correct login, the admin manages sessions such as (adding, deleting, update) all data related to sessions. |

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| System | Student management system |
| Use case | Lecture Management |
| actor | Admin |
| data | After correct login, the admin manages Lectures such as (adding, deleting, update) all data related to the lecture. |