Use Case Analysis:

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| **Title:** | Contact Mentor |
| **Description:** | Allow students to contact mentors to ask follow-up questions from lectures |
| **Primary Actor:** | User |
| **Pre-conditions:** | User has booked class with mentor. |
| **Post-conditions:** | Message has been sent to mentor. Notification has been sent to mentor. |
| **Sequence of events:** | User finds mentor on system.  User sends message via system. |
| **Extensions:** | Message fails to send to mentor. |

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| **Title:** | Update class attendance |
| **Description:** | System updates number of class participants as user signs up |
| **Actors:** | System, User |
| **Pre-conditions:** | Class has been made. |
| **Post-conditions:** | Updated class attendance |
| **Sequence of events:** | User books class on system System updates number of users attended class |

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| **Title:** | Monitor class attendance |
| **Description:** | Allows mentor to check current attendance of class. |
| **Primary Actor:** | Mentor |
| **Pre-conditions:** | Class has been made |
| **Post-conditions:** |  |
| **Sequence of events:** | Mentor uses system to monitor class attendance |

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| **Title:** | Update student progress |
| **Description:** | Shows information on classes attended by the students / grades of the student |
| **Actors:** | User, System |
| **Pre-conditions:** | Student has attended at least one class  Students consents to progress tracking |
| **Post-conditions:** | Updated student progress |
| **Sequence of events:** | Select student and class  Get student progress (grades etc.)  Update database |

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| **Title:** | Track class attendance |
| **Description:** | Track information on student progress |
| **Actors:** | System, User |
| **Pre-conditions:** | Student has attended at least one class  Students consents to progress tracking |
| **Post-conditions:** |  |
| **Sequence of events:** | Student progress is updated System compares user latest statistics to that of previous progress updates System makes this comparison available to user and relevant mentors. |