Initial Use Case Diagram



Revised Use Case Diagram



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| --- |
| Name: Sort by status |
| Actors: Student, Instructor, administrator |
| Trigger: User wants to sort the reservations by status |
| Preconditions: None |
| Post conditions: list is sorted by status |
| Success Scenario:  Users requests the reservation information to be sorted by status  System sorts the list based on the reserve status of the rooms  System displays the list to user |
| Alternatives flows: None |

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| Name: Sort by Size |
| Actors: Student, Instructor, administrator |
| Trigger: User wants to sort the reservations by Size |
| Preconditions: None |
| Post conditions: list is sorted by Size |
| Success Scenario:  Users requests the reservation information to be sorted by Size  System sorts the list based on the reserve status of the rooms  System displays the list to user |
| Alternatives flows: None |

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| --- |
| Name: Sort by Type |
| Actors: Student, Instructor, administrator |
| Trigger: User wants to sort the reservations by Type |
| Preconditions: None |
| Post conditions: list is sorted by Type |
| Success Scenario:  Users requests the reservation information to be sorted by Type  System sorts the list based on the reserve status of the rooms  System displays the list to user |
| Alternatives flows: None |

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| --- |
| Name: Cancel reservations |
| Actors: Student |
| Trigger: Student cancels a reservation |
| Preconditions: Student has a reservation |
| Post conditions: Computer’s Status is updated to reservable |
| Success Scenario:  Students selects a reservation they made and cancels the reservation,  Changing the status to reservable during the student’s original reservation. |
| Alternative Flows: Student Cannot cancel a reservation because they don’t have a reservation |

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| --- |
| Name: View reservations |
| Actors: Student |
| Trigger: Student selects Checkout resealable |
| Preconditions: Student selected Checkout resealable |
| Post conditions: Reservation list is displayed for Student |
| Success Scenario:  Reservation list is displayed to user |
| Alternative Flows: System has no rooms to view |

We divided the work as evenly as we could. First we we met up and worked on them together in the lab. Then we split up the specification cards evenly giving everyone 2-3 cards.