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| Name | UC1 – Log in |
| |  | | --- | | **Importance** | | 2/5 |
| Difficulty | 2/5 |
| Primary Actor | Public User |
| Goal | Securely log the user into the system. |
| Preconditions | 1. Homepage is open. 2. User is not already logged in. |
| Success Guarantee | User is logged into a secure session. |
| Summary | User enters their username and password to access the scheduling system with restrictions based on their account type. |
| Main success scenario | 1. User enters username and password. 2. User selects to log in. 3. System verifies the information. |
| alternative flows | If invalid credentials, indicate error.  If user is already logged in, indicate error. |

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| Name | UC2 – Log out |
| |  | | --- | | **Importance** | | 2/5 |
| Difficulty | 1/5 |
| Primary Actor | Registered User |
| Goal | Securely log the user out of the system. |
| Preconditions | User is logged into the system. |
| Success Guarantee | User is logged out of the system. User is redirected to the home page. |
| Summary | User logs out of the system. |
| Main success scenario | User selects to log off the system. |

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| Name | UC03 – View Bookings |
| Importance | 5/5 |
| Difficulty | 2/5 |
| Primary Actor | Registered user |
| Goal | View the reservations and availabilities schedule. |
| Precondition | User is logged in. |
| Success Guarantee | User is redirected to the current day’s schedule. |
| Summary | User is displayed the bookings for the current day. |
| Main success scenario | User selects to view the booking’s schedule. |

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| Name | UC04 – Change View Booking Date |
| Importance | 4/5 |
| Difficulty | 2/5 |
| Primary Actor | Registered user |
| Goal | Change the viewed date. |
| Precondition | 1. User is logged in. 2. User viewing the booking’s schedule. |
| Success Guarantee | 1. User is displayed the selected day’s schedule. |
| Summary | User selects a day to be displayed. |
| Main success scenario | 1. User selects to change the viewed day. 2. User selects the day to be viewed. |

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| Name | UC05 – Create Reservation |
| Importance | 5/5 |
| Difficulty | 3/5 |
| Primary Actor | Registered user |
| Goal | Create a new reservation |
| Precondition | 1. User is logged in. 2. User is viewing the booking’s schedule. 3. Selected room is available to modify. |
| Success Guarantee | 1. A new reservation is saved. 2. The rooms availability is set to false for the selected time slot. |
| Summary | User creates a new reservation |
| Main success scenario | 1. User selects a room to reserve. 2. User selects a timeslot to reserve. 3. User validates his selections. 4. System validates information. |
| alternative flow(s) | 1. If the room is not available to modifications, prompt the user. 2. If the room timeslot is unavailable, prompt user. 3. If user has exceeded max reservations, prompt user. |

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| Name | UC06 – Cancel Reservation |
| Importance | 4/5 |
| Difficulty | 3/5 |
| Primary Actor | Registered user |
| Goal | Cancel a pre-existing reservation |
| Precondition | 1. User is logged in. 2. User has at least one reservation. 3. User is viewing their reservation(s). |
| Success Guarantee | 1. Selected reservation is deleted. 2. Timeslot is set to available. 3. System consults the waitlist and if it is not empty:    1. Creates a new reservation for the first user.    2. Deletes users waitlist reservations with the same timeslot.    3. Updates the waitlist. |
| Summary | User cancels a reservation and system consults the waitlist. |
| Main success scenario | 1. User selects a reservation. 2. User selects to cancel reservation. |

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| Name | UC07 – Modify Reservation |
| Importance | 4/5 |
| Difficulty | 3/5 |
| Primary Actor | Registered user |
| Goal | Modify a pre-existing reservation |
| Precondition | 1. User is logged in. 2. User has at least one reservation. 3. User is viewing their reservation(s). |
| Success Guarantee | Selected reservation is modified accordingly. |
| Summary | User modifies a reservations information. |
| Main success scenario | 1. User selects a reservation. 2. User selects modify the reservation. 3. User changes reservation information. 4. System validates information. |