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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 – Create New User |
| Importance | 1/5 |
| Difficulty | 2/5 |
| Primary Actor | Public user |
| Goal | Create new user. |
| Precondition | 1. User is not logged in. 2. User is on the homepage. |
| Success Guarantee | 1.New user is created.  2.User’s credentials are saved. |
| Summary | A new user account is created with given information. |
| Main success scenario | 1. User selects Register. 2. User inputs valid username, password and email. 3. System verifies the information. |
| alternative flows | 1. If the username is already taken or invalid, prompt user. 2. If the email is already taken or invalid, prompt user. |

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| Name | UC04 – View schedule |
| 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 week’s schedule. |
| Summary | User is displayed the reservations and availabilities for the current week. |
| Main success scenario | User selects to view the reservation and availability schedule. |

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| Name | UC05 – Change schedule week |
| Importance | 4/5 |
| Difficulty | 2/5 |
| Primary Actor | Registered user |
| Goal | Change the viewed week. |
| Precondition | 1. User is logged in. 2. User viewing the reservations and availabilities schedule. |
| Success Guarantee | 1. User is displayed the selected week’s schedule. |
| Summary | User selects a week to be displayed. |
| Main success scenario | 1. User selects to change the viewed week. 2. User selects the week to be viewed. |

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| Name | UC06 – 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 reservations and availabilities schedule week |
| 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 to create a new reservation. 2. User selects a room and timeslot. 3. User confirms reservation. 4. System validates the information. |
| alternative flows | 1. If the room timeslot is unavailable, prompt user. 2. If user has exceeded max reservations, prompt user. |

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| Name | UC07 – 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. |
| Summary | User cancels a reservation |
| Main success scenario | 1. User selects a reservation. 2. User selects to cancel reservation. |

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| Name | UC08 – 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. |