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| **Use Case ID** | **5** |
| **Use Case Name** | Modify users list |
| **Actors** | Admin |
| **Preconditions** | 1. He must have an account as an administrator in the system. 2. He must have all the information related to a new user he wants to add, or the user’s ID and information he wants to change or add to an already existing user |
| **Postconditions** | A new user is added, The data of an already existing user is modified or A user is removed from the system. |
| **Normal Flow** | 1. The admin chooses whether he wants to add, modify, or remove a user.   1a- If the admin chooses to add a new user.   1. enters the user name 2. enters the password (Which the user will later use to enter the system) 3. enters user type (Doctor - Receptionist) 4. enters the user's gender 5. enters the user's age 6. The system sets a unique ID for the user and informs the administrator of it   1b- If the admin chooses to modify a user.   1. enters the ID of the user whose data is to be modified 2. Modifies the user's data   1c- If the admin chooses to remove a user   1. enters the ID of the user who will be removed from the system   2- The admin confirms the operation he performed  3- The system verifies the validity of the operation  4- The system displays a pop-up message when the process is complete and returns |
| **Alternative Flows** |  |
| **Exceptions** | 1. In 1a in the normal flow, If the admin enters incorrect data, does not adhere to the standards required for data entry or does not enter one of the required fields the system displays a pop-up message with the error 2. In 1b and 1c in the normal flow, If the admin enters a wrong user ID, the system displays a pop-up message with the error to re-enter the user’s ID or return. |

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| **Use Case ID** | **5.1** |
| **Use Case Name** | Add user |
| **Actors** | Admin |
| **Preconditions** | 1. He must have an account as an administrator in the system. 2. He must have all the information related to a new user he wants to add |
| **Postconditions** | A new user is added to the system. |
| **Normal Flow** | 1. enters the user name. 2. enters the password(Which the user will later use to enter the system). 3. enters user type (Doctor - Receptionist) 4. enters the user's gender. 5. enters the user's age. 6. The system sets a unique ID for the user and informs the administrator of it. 7. The admin confirms the addition operation. 8. The system verifies the validity of the operation. 9. The system displays a pop-up message stating that the user has been added successfully. |
| **Alternative Flows** |  |
| **Exceptions** | 1. If the admin enters incorrect data, does not adhere to the standards required for data entry or does not enter one of the required fields the system displays a pop-up message with the error to return before step 7 again or cancel the operation. |

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| **Use Case ID** | **5.2** |
| **Use Case Name** | Edit user |
| **Actors** | Admin |
| **Preconditions** | 1. He must have an account as an administrator in the system. 2. He must have the user’s ID. 3. He must have the information he wants to change for this user. |
| **Postconditions** | The data of an already existing user is modified successfully. |
| **Normal Flow** | 1. enters the ID of the user whose data is to be modified. 2. Modifies the user's data. 3. The admin confirms the modification operation. 4. The system verifies the validity of the operation. 5. The system displays a pop-up message stating that the user’s data has been modified successfully. |
| **Alternative Flows** |  |
| **Exceptions** | 1. If the admin enters a wrong user ID, the system displays a pop-up message with the error to re-enter the user’s ID or cancel the operation. |

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| **Use Case ID** | **5.3** |
| **Use Case Name** | Remove user |
| **Actors** | Admin |
| **Preconditions** | 1. He must have an account as an administrator in the system. 2. must have the user’s ID. |
| **Postconditions** | A user is removed from the system. |
| **Normal Flow** | 1. enters the ID of the user whose data is to be modified. 2. The admin confirms the removal operation. 3. The system verifies the validity of the operation. 4. The system displays a pop-up message stating that the user has been removed successfully. |
| **Alternative Flows** |  |
| **Exceptions** | 1. If the admin enters a wrong user ID, the system displays a pop-up message with the error to re-enter the user’s ID or cancel the operation. |

