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| Use Case UC-2 | | | AuthenticateUser |
| Related Requirements | | | [REQ45](The system shall allow users to be granted only when they have appropriate authorities.) |
| Initiating Actor | | | Users(Orderer, Clerk, Delivery man, Manger) |
| Actor’s Goal | | | To check whether the user has right authorities for the system |
| Participating Actors | | |  |
| Preconditions | | | Users have their own roles |
| Postconditions | | | Not necessary |
| Flow of Events for Main Success Scenario: | | | |
| -> | 1. | Users request system whether they match with the required role of the system. | |
| <- | 2. | The system send query to Database to get information about the user. | |
| -> | 3. | Database send information about the user to the system. | |
| <- | 4. | The system returns whether the user has right authorities for the system | |

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| Use Case UC-7 | | | ManageUsers |
| Related Requirements | | | [REQ33] The system shall display total member list first on "member management".  [REQ34] The system should allow selecting view option(by role) of member list on "member management  [REQ37] The system shall allow viewing, adding, editing, deleting members on "member management".  [REQ38] The system shall allow adding privileged-member only on "member management. |
| Initiating Actor | | | Manager |
| Actor’s Goal | | | To manage users, ‘granting privilege, add/remove/edit list’ |
| Participating Actors | | | User(Orderer, Clerk, Delivery man, Manger) |
| Preconditions | | | * More than one user be in list * Users has their own appropriate authorities. * System has a user interface that can edit or remove each user account. * System has a user interface that can add an user account |
| Postconditions | | | * The modified data is stored into the User. * Redirect or Refresh to user list page |
| Flow of Events for Main Success Scenario: | | | |
|  | 1. | AuthenticateUser: include UC-2 | |
| -> | 2. | Manager selects clicks the link “User Management” | |
| <- | 3. | System requests User to get list of the users. | |
| -> | 4. | User returns the requested data. | |
| <- | 5. | System displays (a)list of users(including their information) to the Manager and (b)user interfaces | |
| -> | 6. | Manager selects an appropriate option for managing users. | |
| <- | 7. | System requests User to (a)store or (b)update or (c)delete the data. | |
| Flow of Events for Extensions (Alternative Scenarios): | | | |
| 6a. | Selected activity entails adding new users: Include AddUser(UC-8) | | |
| 6b. | Selected activity entails updating new users: Include UpdateUser(UC-8) | | |
| 6c. | Selected activity entails deleting new users: Include DeleteUser(UC-10) | | |

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| Use Case UC-8 | | | AddUser |
| Related Requirements | | | [REQ37] The system shall allow viewing, adding, editing, deleting members on "member management".  [REQ68] The system shall encrypt and store orderer pw . |
| Initiating Actor | | | Manager |
| Actor’s Goal | | | * To Add a new employee’s account who has particular authorities for the system |
| Participating Actors | | | User(Orderer, Clerk, Delivery man, Manger) |
| Preconditions | | | * ‘AddUser’ button or icon presents in the page * New user’s information is not redundant. * New user has his/her own special role(Orderer, Clerk, Delivery man, Delivery man) for the system |
| Postconditions | | | * The new user data is stored into the User. * Redirect to user list page |
| Flow of Events for Main Success Scenario: | | | |
| -> | 1. | Manager clicks ‘AddUser’ button | |
| <- | 2. | System displays a page with text blanks to fill in with essential information(id, password, name, address, email, Role, phone number) | |
| -> | 3. | Manager fills in each blanks and press “complete button”. | |
| <- | 4. | System encrypts password and requests User to store information. | |
| Flow of Events for Extensions (Alternative Scenarios): | | | |
| 3a. | Manager fills in the blanks with invalid type of data or insufficient password. | | |
| <- | System (a) displays error message over the blank and (b) disable “complete button”. | | |

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| Use Case UC-9 | | | UpdateUser |
| Related Requirements | | | [REQ37] The system shall allow viewing, adding, editing, deleting members on "member management".  [REQ68] The system shall encrypt and store orderer pw . |
| Initiating Actor | | | Manager |
| Actor’s Goal | | | * To edit a user’s information. * To endow privilege or role of the user. |
| Participating Actors | | | User(Orderer, Clerk, Delivery man, Manger) |
| Preconditions | | | * ‘Edit user’ button or icon presents in each line of the user information. * The user has his/her own special role(Orderer, Clerk, Delivery man) for the system. * Existing information is filled in the form * More than one user be in list. |
| Postconditions | | | * The modified data is stored in the User * Redirect to user list page. |
| Flow of Events for Main Success Scenario: | | | |
| -> | 1. | Manager clicks “edit button” located on each user of the user list. | |
| <- | 2. | System requests the user data stored in User. | |
| -> | 3. | User returns the existing user data of the user. | |
| <- | 4. | System shows input list for essential information(id, password, name, address, email, Role, phone number and existing information is filled. | |
| -> | 5. | Manager (a) edits information and submit to the system or (b) endows privilege or role of the user | |
| <- | 6. | System encrypts password and requests User to store editted information. | |
| Flow of Events for Extensions (Alternative Scenarios): | | | |
| 5a. | Manager fills in the blanks with invalid type of data or insufficient password. | | |
| <- | System (a) displays error message over the blank and (b) disable “complete button”. | | |

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| Use Case UC-10 | | | DeleteUser |
| Related Requirements | | | [REQ37] The system shall allow viewing, adding, editing, deleting members on "user management". |
| Initiating Actor | | | Manager |
| Actor’s Goal | | | To delete a user account |
| Participating Actors | | | User(Orderer, Clerk, Delivery man, Manger) |
| Preconditions | | | * ‘DeleteUser’ button or icon presents in each line of the user information. * The user has his/her own special role(Orderer, Clerk, Delivery man) for the system. * More than one user be in list. |
| Postconditions | | | * The user account is removed from User. * Refresh page |
| Flow of Events for Main Success Scenario: | | | |
| -> | 1. | Manager clicks DeleteUser button next to the particular line of the user list. | |
| <- | 2. | System requests User to delete the account. | |