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| --- | --- | --- | --- | --- | --- | --- |
| **Event** | **Trigger** | **Source** | **Use Case #** | **Use Case** | **Response** | **Destination** |
| Create an account | The user wants to create a new account | User | UC01 | Create an account | User account is created | Database admin |
| Login to account | The user wants to login to his/her account | User | UC02 | Login to account | User authenticated | User |
| Email verification | The user wants to verify his email for the first time | User | UC03 | Email verification | Email has been verified | Database admin Email server and user |
| Viewing post | User wants to view all the post | User | UC04 | View posts | All the posts have been displayed | Database |
| Sending a message to the seller | User wants to message on a seller | User | UC05 | Message seller | Message sent | User, Database |
| View Inbox | User wants to check the inbox for the messages | User | UC06 | View Messages | Messages displayed | User, Database |
| Feedback on a seller | User wants to leave a feedback of a seller | User | UC07 | Feedback | Feedback has been processed | Database |
| Creates a watch-list | User wants to create a alert | User | UC08 | Create watch-list | Watch-list alert has been added | Database, user |
| Connect with another user | User wants to connect with another user, he/she knows. | User | UC09 | Add connection | Connection request generated | User, Database |
| Reject a connection request | User wants to reject a connection request from another user | User | UC10 | Connection request rejection | Connection request rejected | User, Database |
| **Event** | **Trigger** | **Source** | **Use Case #** | **Use Case** | **Response** | **Destination** |
| Cancel the connection request | User wants to reject the connection request | User | UC11 | Cancelling a connection request | Request has been cancelled | User, Database |
| Create an ad | User wants to buy/sell something | User | UC12 | Creating an ad | Ad has been created | User, Database |
| Change the language | User wants to switch to another language | User | UC13 | Language switch | Language has been updated | User, Database |
| Update the account details | User wants to update the account details | User | UC14 | Updating the account details | Details has been updated | User, Database |
| Search for a product | User wants to search a product | User | UC15 | Product Search | List of all matching products displayed | User, Database |
| Remove an ad | User wants to remove his/her ad | User | UC16 | Remove an ad | The ad is removed | User, Database |
| Remove a watch-list alert | User wants to remove the alert | User | UC17 | Remove a watch-list alert | The alert is removed | User, Database |
| Removing a user | Admin wants to remove a user | Admin | UC18 | Remove a user | The user is removed | Admin, User, Database |
| Remove an ad | Admin wants to remove an ad | Admin | UC19 | Remove an ad | The ad is removed | Admin, User, Database |
| Block another user | User wants to block another user | User | UC20 | Block a user | The user is blocked | User, Database |
| Update an ad | User wants to updates an ad | User | UC21 | Update an ad | The ad is updated | User, Database |
| **Event** | **Trigger** | **Source** | **Use Case #** | **Use Case** | **Response** | **Destination** |
| Delete the account | User wants to delete his account | User wants to delete his/her account | UC22 | Delete an account | The account is deleted | User, Database |
| Password reset | User forgot his/her password and need to reset | User | UC23 | Password reset | The password is updated. | User, Email server and Database |