**Brief Use Case**

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| **Project Title:** **Online Cryptocurrency Exchange** |
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| **Sr.#** | **Para #** | **Actor** | **Goals** | **Initial Requirements** | **Use Case Name** | **Scenarios** |
| 01 | 01 | User | Registration or sign Up | A User/Client “shall” register himself to the system | UC\_Registration\_Request | User must have to register before using any king of services of exchange system |
| 02 | 01 | User | Login | A User “shall” login to the system and can change his password | UC\_Login | User must have to give his login details for using the system or performing any kind of task |
| 03 | 01 | User | View Profile | A User “shall” view his details for verification purpose | UC\_View\_User\_Details | After performing any kind of event User can see status of his activity |
| 04 | 01 | User | Buy Currency | A User “shall” make request to buy the currency | UC\_Buy\_Cuurency\_Request | User can make a request to buying specific currency |
| 05 | 01 | User | Deposit | A User “shall” make request to deposit money in his account | UC\_Deposite\_Money | User can make a deposit request to his account in order to buying specific currency |
| 06 | 01 | User | Withdrawal | A User “shall” make request to withdrawal money from his account | UC\_Withdrawal\_Money | User can make a withdrawal request from his account. |
| 07 | 01 | User | Manage Profile | A User “shall” make request to change credentials details of his profile | UC\_Mangae\_Profile | A user must be capable of doing changing in his profile like updating, deleting and inserting personal details etc |
| 08 | 02 | Admin | Handles User Request | Administrator “shall” handle the User Request. | UC\_Hadle\_Request | Exchange system have capability to handle User details up date |
| 09 | 02 | Admin | Search User Details | Administrator “shall” search any User details | UC\_Search\_User | Exchange system must be capable to search User details and this details only show to User and administrator |
| 10 | 02 | Admin | Handle User Request | Admin “shall” accept, reject and temporarily waive the requests on the basis of credentials provided. | UC\_Accept\_User\_Request  UC\_Reject\_User\_Request  UC\_View\_User\_Request | After generating any kind of User event, only admin have capability to change status of curtained event |
| 11 | 02 | Admin | View User Action Details | Corresponding administrator “shall” view his Action List containing different actions, and correspondingly process these pending actions | UC\_View\_Action | After making request process by user, admin can see those action and process those action in order to manage |
| 12 | 02 | Admin | Manage Currencies | Administrator “shall” manage currencies. | UC\_Manage\_Currencies | Only admin have authority to add, delete, update, the currencies |
| 13 | 02 | Admin | Manage Accounts | Administrator “shall” manage account of the user like update or deletion or creation | UC\_Manage\_User\_Account | Admin can update, delete, insert or fix user account in case of error |
| 14 | 02 | Admin | Mange Exchange Rates | Administrator “shall” manage exchange rates | UC\_Manage\_Exchange\_Rates | Only Administrator have power to set exchange rate of specific currency |
| 15 | 03 | System | Mange Generate reports | System “shall” generate report and send to admin after every transaction or exchanging event | UC\_Generate\_Report | After every event user performed exchange system generate report to the Administrator |
| 16 | 03 | System | Process Request (Responsiveness) | System “shall” accept, reject and temporarily waive the requests on the basis of credentials provided | UC\_Process\_User\_Request | System can accept, reject or approved or change the status of the request make by client in order to sell, buying or exchanging activity and send these requests to administrator |
| 17 | 03 | System | Process Request (Responsiveness) | System “shall” process different types of updating e.g. updating of his personal/credential details, or upgrading of his status or updating of his payment methodology | UC\_Change\_Status | Exchange system have capability to handle update process after any kind of event generated by user or admin |
| 18 | 03 | System | User and Admin Action Responsiveness | The System “shall” generate an action event for a corresponding administrator when a request is placed for updating of payment method or User details etc | UC\_Create\_Action | Whenever user generate any kind of event then there must be a event generation request send to administrator for further processes |