**Fully Dressed Use Case**

|  |
| --- |
| **Project Title:** **Online Cryptocurrency Exchange** |
| **Project Members:** 04   |  |  |  |  | | --- | --- | --- | --- | | Name | Registration # | Email Address | Signature | | Muhammad Ali Tipu | BSEF18A035 | [Bsef18a035@pucit.edu.pk](mailto:Bsef18a035@pucit.edu.pk) |  | | Sheraz Ahmad | BSEF18A036 | [Bsef18a036@pucit.edu.pk](mailto:Bsef18a036@pucit.edu.pk) |  | | Muhammad Umair Mubasher | BSEF18A038 | [Bsef18a038@pucit.edu.pk](mailto:Bsef18a038@pucit.edu.pk) |  | | Usama Imtiaz | BSEF18A043 | [Bsef18a043@pucit.edu.pk](mailto:Bsef18a043@pucit.edu.pk) |  | |

**Use Case Name:** UC\_User\_Make\_Currency\_Exchange\_Request.

* **Primary Actor:** User
* **Stakeholders and interests:**
* **User:** Wants to avail services of his/her choice
* **Admin:** handles different request made by user and mange currencies, buy/sell logs and users’ detail or accounts.
* **System:** Wants to ensure system authenticity.
* **Pre-Conditions:** User shall have a bank account. User shall have valid ID to register/login himself.

**Post Conditions**

After making Currency Exchange Request, system sent request for the approval to administrator.

**Main Success Scenario (or basic flow):**

1. User have to login first with valid login ID.
2. After this user will select for the services which he needs using buttons
3. After choosing, he will open the currency exchange panel
4. Select the currency of his/her choice which he/she wants.
5. Check Minimum Balance Amount
6. Select Payment method for transaction.
7. Verify Payment method.
8. Make Transaction successful

**Extensions (or Alternative Flows):**

\*a. At any time, System fails due to unavailability of internet connection.

1a User will switch to another internet connection and continues his activity.

2a. Invalid username or password:

1. System shows error and reject login.

2. User will enter valid username or password again.

3a. Invalid credit/debit card number.

1. System will generate error message for invalid card number
2. User will check for error and again enters a valid card number for payment.

4a. User name already exists.

1. If more than one User will create an account with same user name the system will generate an error msg.
2. User will correct its mistake and enters valid user name.

**5a. If there is no Minimum Balance**

1. If a User account balance does ’t reach to least minimum amount then system will generate error.
2. User will make deposit request first and then move forward.

**6a. Verify Payment Method**

1. If a User enter invalid payment method then there would be error message
2. Use legal one and make transaction successful.