**Перший рівень**

**Високорівневий тест-кейс**

| **Test Case ID** | **001** | **Test case Description** | **Transfer money between accounts** | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Created by** | **Kateryna Laschuk** | **Reviewed By** | **Kateryna Laschuk** | **Version** | **V1.1** | |
| **QA Tester’s Log** |  | | | | | |
| **Tester's Name**  **Kateryna Laschuk** | | **Date Tested** | **06/03/2023** | | **Test Case (Pass/Fail/Not Executed)** |  |
| **S#** | **Prerequisites:** | | **S #** | **Test Data** | | |
| **1** | **Open mobile application А-банк** | | **1** |  | | |
| **2** | **Navigate to the accounts screen** | | **2** |  | | |
| **Test Scenario Verify transfering money between accounts** | | | | | | |
| **Step #** | **Step Details** | | **Expected Results** | | **Pass / Fail / Not executed / Suspended** | |
| **1** | **Select the account to transfer from and enter the transfer amount** | | **display accurate account information and allow users to select accounts for transfer** | | **Pass** | |
| **2** | **Select the account to transfer to and verify that the account details are displayed correctly** | | **allow users to enter transfer amounts** | | **Pass** | |
| **3** | **Verify that the transfer amount is displayed correctly and matches the amount entered in step 1** | | **display accurate transfer details** | | **Pass** | |
| **4** | **Enter any additional information required for the transfer** | | **allow users to enter any additional information required for the transfer** | | **Pass** | |
| **5** | **Confirm the transfer and verify that a confirmation message is displayed** | | **confirm the transfer and display a confirmation message** | | **Pass** | |
| **6** | **Verify that the account balances are updated correctly after the transfer** | | **update the account balances accurately after the transfer** | | **Pass** | |

**Низькорівневі тест-кейси**

| **Test Case ID** | **0011** | **Test case Description** | **Transfer money between valid accounts** | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Created by** | **Kateryna Laschuk** | **Reviewed By** | **Kateryna Laschuk** | **Version** | **V1.1** | |
| **QA Tester’s Log** |  | | | | | |
| **Tester's Name**  **Kateryna Laschuk** | | **Date Tested** | **06/03/2023** | | **Test Case (Pass/Fail/Not Executed)** |  |
| **S#** | **Prerequisites:** | | **S #** | **Test Data** | | |
| **1** | **Open mobile application А- банк** | | **1** | valid accounts | | |
| **2** | **Navigate to the accounts screen** | | **2** |  | | |
| **Test Scenario Verify that the correct account is selected for transfer** | | | | | | |
| **Step #** | **Step Details** | | **Expected Results** | | **Pass / Fail / Not executed / Suspended** | |
| **1** | **Select the account to transfer from and enter the transfer amount** | | **app should allow users to select the correct account for transfer** | | **Pass** | |
| **2** | **Select the account to transfer to and verify that the account details are displayed correctly** | | **app should allow users to select the correct account for transfer** | | **Pass** | |
| **3** | **Verify that the account selected for transfer is the correct account** | | **app should display accurate account details for the selected accounts** | | **Pass** | |

| **Test Case ID** | **0012** | **Test case Description** | **Verify that the transaction description is displayed correctly** | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Created by** | **Kateryna Laschuk** | **Reviewed By** | **Kateryna Laschuk** | **Version** | **V1.1** | |
| **QA Tester’s Log** |  | | | | | |
| **Tester's Name**  **Kateryna Laschuk** | | **Date Tested** | **06/03/2023** | | **Test Case (Pass/Fail/Not Executed)** |  |
| **S#** | **Prerequisites:** | | **S #** | **Test Data** | | |
| **1** | **Open mobile application А- банк** | | **1** | valid accounts | | |
| **2** | **Navigate to the accounts screen** | | **2** |  | | |
| **Test Scenario Verify that the transaction description is displayed correctly in the transfer confirmation and transaction history** | | | | | | |
| **Step #** | **Step Details** | | **Expected Results** | | **Pass / Fail / Not executed / Suspended** | |
| **1** | **Select the account to transfer from and enter the transfer amount** | | **app should allow users to select the correct account for transfer** | | **Pass** | |
| **2** | **Select the account to transfer to and verify that the account details are displayed correctly** | | **app should allow users to select the correct account for transfer** | | **Pass** | |
| **3** | **Verify that the account selected for transfer is the correct account** | | **app should display accurate account details for the selected accounts** | | **Pass** | |
| **4** | **Verify that the transaction description is displayed correctly in the transaction history for the relevant account** | | **correct transaction description in the transaction history for the relevant account** | | **Pass** | |

| **Test Case ID** | **0012** | **Test case Description** | **Verify that the account balances are updated correctly after the transfer** | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Created by** | **Kateryna Laschuk** | **Reviewed By** | **Kateryna Laschuk** | **Version** | **V1.1** | |
| **QA Tester’s Log** |  | | | | | |
| **Tester's Name**  **Kateryna Laschuk** | | **Date Tested** | **06/03/2023** | | **Test Case (Pass/Fail/Not Executed)** |  |
| **S#** | **Prerequisites:** | | **S #** | **Test Data** | | |
| **1** | **Open mobile application А- банк** | | **1** | valid accounts | | |
| **2** | **Navigate to the accounts screen** | | **2** |  | | |
| **Test Scenario Verify that the account balances are updated correctly after a transfer is made** | | | | | | |
| **Step #** | **Step Details** | | **Expected Results** | | **Pass / Fail / Not executed / Suspended** | |
| **1** | **Select the account to transfer from and enter the transfer amount** | | **app should allow users to select the correct account for transfer** | | **Pass** | |
| **2** | **Select the account to transfer to and verify that the account details are displayed correctly** | | **app should allow users to select the correct account for transfer** | | **Pass** | |
| **3** | **Confirm the transfer and verify that a confirmation message is displayed** | | **app should display accurate account details for the selected accounts** | | **Pass** | |
| **4** | **Navigate back to the accounts screen and verify that the account balances are updated correctly for both accounts** | | **The app should update the account balances accurately after a transfer is made.**  **The account balances for the transferred from account should be decreased by the transfer amount.**  **The account balances for the transferred to account should be increased by the transfer amount.** | | **Pass** | |

**Другий рівень**

**wbs**

A rough estimate за приблизними підрахунками, виконання високорівневого тестового кейсу з переказу грошей між рахунками може зайняти приблизно 2-3 години, включаючи налаштування та підготовку тестових даних. Низькорівневі тестові кейси можуть зайняти від 30 хвилин до години кожен, залежно від складності кроків.

**Трьохточкова естимація**

За оптимістичним сценарієм виконання цих тест-кейсів займає 120 хв. За нормальним сценарієм - 150 хв. За песимістичним сценарієм 200 хв. Таким чином, у вас є три значення: O = 120, N = 150, P = 200.

E = (O+4\*N+P)/6

Е=(120+4\*150+200)/6=153 люд/хв =2 люд/ год 33 люд/хв

Оскільки середнє значення може дещо коливатися, потрібно розрахувати стандартне відхилення (*SD – standard deviation*) – межі, в яких E може змінюватися. Формула виглядає так:

SD = (P – O)/6

SD=(200-150)/6=8.3 людино-хвилин

Остаточну оцінку можна представити так: команді потрібно 153 +/- 8,3 людино-хвилини для високорівневого тест-кейсу