Software Engineering

Test Cases

Test Case1 (simple test)

**Pre-conditions**

The user has a valid ID - The user has accessed the ID by entering his login details in the login page.

The system displays the main menu

**Test Case #:** 1 **System: Online Shopping Website Designed by:Team Executed by: Change PIN service**

**Test Case Name:** Change Address

**Subsystem: Address**

**Design Date: 28/11/2004 Execution Date:**

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step** | **Action** | **Expected System Response** | **Pass/ Fail** | **Comment** |
| 1 | Click the 'Change Address' button | The system displays a message asking the user to enter the new Address | Pass |  |
| 2 | Enter 'Address' | The system displays a message asking the user to confirm (re-enter)  the new Address | Pass |  |
| 3 | Re-enter 'Address' | The system displays a message of successful operation  The system asks the user if he wants to perform other operations | Pass |  |
| 4 | Click 'YES' button | The system displays the main menu | Pass |  |

**Post-conditions**

1. The new Address is saved in the database.

**Test Case2** (complex test may be divided into more than test cases)

**Test Case #:** 2.2 **System: Online Shopping Website Designed by: Team Executed by: Team**

**Test Case Name:** Change password

**Subsystem: PIN**

**Design Date: 28/04/2022 Execution Date: 28/04/2022**

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**Pre-conditions**

The user has a valid ID - The user has accessed the ID by entering his login details in the login page.

The system displays the main menu

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| --- | --- | --- | --- | --- |
| **Step** | **Action** | **Expected System Response** | **Pass/ Fail** | **Comment** |
| 1 | Click the 'Change PASSWORD' button | The system displays a message asking the user to enter the new PASSWORD | Pass |  |
| 2 | Enter 'PASSWORD' | The system displays a message asking the user to confirm (re-enter)  the new PI | Pass |  |
| 3 | Re-enter 'PASSWORD' | The system displays a message of successful operation  The system asks the user if he wants to perform other operations | Pass |  |
| 4 | Click 'YES' button | The system displays the main menu | Pass |  |
| 5 | **Check post-condition 1** |  |  |  |
| 6 | Repeat steps 1,2,3 using another PASSWORD say '6666' and  click 'NO' button | The system is exited and displays a greeting message asking the user to place his ATM card in the machine | Pass |  |
| 7 | **Check post-condition 2** |  |  |  |
| 8 | Repeat steps 1,2, using  another PASSWORD say 'PASSWORD1' | The system displays a message asking the user to confirm (re-enter)  the new PASSWORD | Pass |  |
| 9 | Enter a wrong confirmation (say ‘9876’) | The system displays a message of **unsuccessful** operation and asks the user to confirm the correct PASSWORD | Pass |  |
| 10 | Re-enter ‘PASSWORD’ | The system displays a message of successful operation  The system asks the user if he wants to perform other operations | Pass |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Click 'NO' button | The system is exited and displays a greeting message | Pass |  |
|  | **Check post-condition 3** |  |  |  |

**Post-conditions**

1. The new 'PASSWORD' is saved in the database

Test happy path

Test also failure condition (step 9)