**Functional testing of application Privat24. Test cases**

| **ID** | ТС2001 | **Target Description** | | Authorization in the Privat24 mobile application | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | Functional | | | **Priority** | | Hight | | | |
| **Pre-conditions:** | | | | | | | | | |
| 1 | The Privat24 application is installed on the phone and opened | | | | | | | | |
| 2 | The user is registered in the system | | | | | | | | |
| **Steps** | | | | | | | | | |
| Step | | | | Expected result | | | Pass | Fail | Bug report ID |
| 1 | Enter a valid password (see test data) in the "Enter password" text field | | | The password is correct, the main page opens | | |  |  |  |
| Executor: | | Mashentsova Oksana | | | | | Date: | 24.10.2022 | |

| **ID** | ТС2002 | **Target Description** | | Mobile top-up in the Privat24 application | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | Functional | | | **Priority** | | Medium | | | |
| **Pre-conditions:** | | | | | | | | | |
| 1 | The Privat24 application is installed on the phone and opened | | | | | | | | |
| 2 | The user is authorized in the system | | | | | | | | |
| **Steps** | | | | | | | | | |
| Step | | | | Expected result | | | Pass | Fail | Bug report ID |
| 1 | Click on the "Mobile top-up" button on the main page of the application | | | The "Mobile top-up" window opens | | |  |  |  |
| 2 | Select the card from which money will be debited. | | | The card is selected | | |  |  |  |
| 3 | Enter a valid mobile phone number (see test data) | | | Number entered | | |  |  |  |
| 4 | Enter the amount (less than the amount of the card account) in the "Amount" field (see test data) | | | Amount entered | | |  |  |  |
| 5 | Press the "Continue" button | | | A confirmation window opens | | |  |  |  |
| 6 | Click the "Pay" button | | | The "Result" window opens with a payment notification. | | |  |  |  |
| Executor: | | Mashentsova Oksana | | | | | Date: | 24.10.2022 | |

| **ID** | ТС2003 | **Target Description** | | Mobile top-up for an amount greater than what is on the card account in the Privat24 application | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | Functional | | | **Priority** | | Medium | | | |
| **Pre-conditions:** | | | | | | | | | |
| 1 | The Privat24 application is installed on the phone and opened | | | | | | | | |
| 2 | The user is authorized in the system | | | | | | | | |
| **Steps** | | | | | | | | | |
| Step | | | | Expected result | | | Pass | Fail | Bug report ID |
| 1 | Write down the amount on the card account | | |  | | |  |  |  |
| 2 | Click on the "Mobile top-up" button on the main page of the application | | | The "Mobile top-up" window opens | | |  |  |  |
| 3 | Select the card from which money will be debited. | | | The card is selected | | |  |  |  |
| 4 | Enter a valid mobile phone number (see test data) | | | Number entered | | |  |  |  |
| 5 | Enter an amount greater than the amount on the card account in the "Amount" field (see test data) | | | Amount entered | | |  |  |  |
| 6 | Press the "Continue" button | | | The system issues a message | | |  |  |  |
| Executor: | | Mashentsova Oksana | | | | | Date: | 24.10.2022 | |

| **ID** | ТС2004 | **Target Description** | | Transfer of funds to the card | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | Functional | | | **Priority** | | Hight | | | |
| **Pre-conditions:** | | | | | | | | | |
| 1 | The Privat24 application is installed on the phone and opened | | | | | | | | |
| 2 | The user is authorized in the system | | | | | | | | |
| **Steps** | | | | | | | | | |
| Step | | | | Expected result | | | Pass | Fail | Bug report ID |
| 1 | Write down the amount on the card account | | |  | | |  |  |  |
| 2 | Click on the "Transfer to card" button on the main page of the application | | | The "To card" window opens | | |  |  |  |
| 3 | Select the card from which money will be debited. | | | The card is selected | | |  |  |  |
| 4 | Enter a valid card number (see test data) to which the transfer will be made in the "To card" field | | | Number entered | | |  |  |  |
| 5 | Enter the amount (see test data) in the "Amount" field | | | Amount entered | | |  |  |  |
| 6 | Click the continue button at the bottom of the application | | | A confirmation window opens | | |  |  |  |
| 7 | Click on the "Pay" button | | | The "Result" window opens with a payment notification.  The amount on the card account has decreased by the amount of the transfer. | | |  |  |  |
| Executor: | | Mashentsova Oksana | | | | | Date: | 24.10.2022 | |

| **ID** | ТС2005 | **Target Description** | | Checking the amount of accumulated funds in "Skarbnychka" in the Privat24 application | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | Functional | | | **Priority** | | Low | | | |
| **Pre-conditions:** | | | | | | | | | |
| 1 | The Privat24 application is installed on the phone and opened | | | | | | | | |
| 2 | The user is authorized in the system | | | | | | | | |
| **Steps** | | | | | | | | | |
| Step | | | | Expected result | | | Pass | Fail | Bug report ID |
| 1 | Click on the "Services" button on the main page at the bottom of the application | | | The "Services" tab opens | | |  |  |  |
| 2 | Click on the "Skarbnychka" button | | | The "Skarbnychka" page opens. The amount of savings is displayed on the page | | |  |  |  |
| Executor: | | Mashentsova Oksana | | | | | Date: | 24.10.2022 | |

| **ID** | ТС2006 | **Target Description** | | Change over to the "Notifications" tab in the Privat24 application | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | Functional | | | **Priority** | | Low | | | |
| **Pre-conditions:** | | | | | | | | | |
| 1 | The Privat24 application is installed on the phone and opened | | | | | | | | |
| 2 | The user is authorized in the system | | | | | | | | |
| **Steps** | | | | | | | | | |
| Step | | | | Expected result | | | Pass | Fail | Bug report ID |
| 1 | Click on the "Notifications" button at the bottom of the main page | | | The "Notifications" tab is open | | |  |  |  |
| Executor: | | Mashentsova Oksana | | | | | Date: | 24.10.2022 | |

| **ID** | ТС2007 | **Target Description** | | Entering the wrong password when logging into Privat24 | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | Functional | | | **Priority** | | Hight | | | |
| **Pre-conditions:** | | | | | | | | | |
| 1 | The Privat24 application is installed on the phone and opened | | | | | | | | |
| 2 | The user is registered in the system | | | | | | | | |
| **Steps** | | | | | | | | | |
| Step | | | | Expected result | | | Pass | Fail | Bug report ID |
| 1 | Enter an incorrect password (see test data) in the "Enter password" text field | | | An error message appears, the Password field is highlighted in red. | | |  |  |  |
| Executor: | | Mashentsova Oksana | | | | | Date: | 24.10.2022 | |

| **ID** | ТС2008 | **Target Description** | | Adding the "Communication" service to the main page | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | Functional | | | **Priority** | | Low | | | |
| **Pre-conditions:** | | | | | | | | | |
| 1 | The Privat24 application is installed on the phone and opened | | | | | | | | |
| 2 | The user is authorized in the system | | | | | | | | |
| **Steps** | | | | | | | | | |
| Step | | | | Expected result | | | Pass | Fail | Bug report ID |
| 1 | Click on the "+" sign on the main page of the application | | | The "Services" window opens | | |  |  |  |
| 2 | Check the "Communication" heading | | | The mark is set | | |  |  |  |
| 3 | Press the button  "Save" | | | The main page of the application is open, and the "Communication" tab added to the services | | |  |  |  |
| Executor: | | Mashentsova Oksana | | | | | Date: | 24.10.2022 | |

| **ID** | ТС2009 | **Target Description** | | Logging out of the Privat24 application account | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | Functional | | | **Priority** | | Hight | | | |
| **Pre-conditions:** | | | | | | | | | |
| 1 | The Privat24 application is installed on the phone and opened | | | | | | | | |
| 2 | The user is authorized in the system | | | | | | | | |
| **Steps** | | | | | | | | | |
| Step | | | | Expected result | | | Pass | Fail | Bug report ID |
| 1 | Click on the menu button in the upper left corner of the main page | | | The "Menu" tab opens | | |  |  |  |
| 2 | Click on the "Logout" button | | | The account has been logged out. The authorization page opens | | |  |  |  |
| Executor: | | Mashentsova Oksana | | | | | Date: | 24.10.2022 | |

| **ID** | ТС2010 | **Target Description** | | Leave the "Phone number" field empty when topping up a mobile phone in the Privat24 application | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | Functional | | | **Priority** | | Hight | | | |
| **Pre-conditions:** | | | | | | | | | |
| 1 | The Privat24 application is installed on the phone and opened | | | | | | | | |
| 2 | The user is authorized in the system | | | | | | | | |
| **Steps** | | | | | | | | | |
| Step | | | | Expected result | | | Pass | Fail | Bug report ID |
| 1 | Click on the "Mobile top-up" button on the main page of the application | | | The "Mobile top-up" window opens | | |  |  |  |
| 2 | Select the card from which money will be debited. | | | The card is selected | | |  |  |  |
| 3 | Leave the "Phone number" field empty | | | The field is empty | | |  |  |  |
| 4 | Enter the amount (see test data) in the "Amount" field | | | Amount entered | | |  |  |  |
| 5 | Press the "Continue" button | | | A message about an empty field appeared | | |  |  |  |
| Executor: | | Mashentsova Oksana | | | | | Date: | 24.10.2022 | |

**System testing of application Privat24. Use case**

| **1. Register in the Privat24 application** | |
| --- | --- |
| Executor | User, system |
| Target | Registration of a new user in the application |
| Pre-condition | The user is not registered in the application |
| A successful script   1. Download the Privat24 mobile application in the Play Market or App Store 2. Open the application 3. The user enters a valid phone number and clicks the "Continue" button 4. The system sends a call or a one-time password via SMS to the specified phone number. 5. The user confirms the registration by entering the PIN code of the PrivatBank card on the virtual keyboard. 6. The user comes up with and enters a valid password. 7. The user agrees to the terms and conditions of the provision of banking services by clicking on the appropriate mark. 8. The system registers a new user and sends a notification about successful registration. | |
| Result | The new user is registered in the Privat24 application |
| Addition (alternative scripts) | 1. A user is already registered for the entered phone number. 2. The registration page changes to authorization. |

| **2. User authorization in the Privat24 application** | |
| --- | --- |
| Executor | User, system |
| Target | User authorization in the application |
| Pre-condition | The user is already registered in the application, and the application is downloaded. |
| A successful script   1. Open the application 2. The user enters a valid phone number and clicks the "Continue" button 3. The system sends a call or a one-time password via SMS to the specified phone number. 4. The user enters a password. 5. The system confirms the authorization 6. The main page opens | |
| Result | The user is authorized in the application |
| Addition (alternative scripts) | 1. The user enters an incorrect password 2. Authorization failed |

| **3. Checking the status of the current account** | |
| --- | --- |
| Executor | User, system |
| Target | Check account status |
| Pre-condition | The user is already registered in the application, the application is downloaded. |
| A successful script   1. The user is authorized in the application 2. The system confirms the authorization 3. The main page opens, showing the balance of the card | |
| Result | The user can view the balance |
| Addition (alternative scripts) | 1. The cards with the balance were not displayed |

| **4. Making a money transfer** | |
| --- | --- |
| Executor | User, system |
| Target | Make a money transfer to another user's card |
| Pre-condition | The user is authorized in the application |
| A successful script   1. On the main page of the application, the user clicks on the "Transfer to card" button 2. Selects the card from which funds will be debited 3. Indicates the number of the card to which the transfer will be made in the corresponding field 4. Clicks on the "Amount" field and enters a number on the virtual keyboard. 5. Clicks on the "Continue" button 6. The system opens a confirmation window 7. The user chooses who will pay the transfer fee and clicks the "Confirm" button 8. The system sends a notification about a successful transfer. | |
| Result | The money transfer has been made. The amount on the card account has decreased by the amount of the transfer. |
| Addition (alternative scripts) | 1. The user entered an invalid card number 2. Funds have not been transferred. |

| **5. Password recovery in the application** | |
| --- | --- |
| Executor | User, system |
| Target | Reset account password |
| Pre-condition | The user is not authorized in the application, forgot the password |
| A successful script   1. Open the application 2. The user enters a valid phone number and clicks the "Continue" button 3. The user clicks the "Forgot password" button 4. The system sends a call or a one-time password via SMS to the specified phone number. 5. The user confirms the registration by entering the PIN code of the PrivatBank card on the virtual keyboard. 6. The user comes up with and enters a new valid password. 7. The system confirms the authorization and the main page opens | |
| Result | The password has been changed to a new one. |
| Addition (alternative scripts) | 1. The user enters the wrong PIN code of the PrivatBank card |