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1 EBANK v1.3 - QA planning

1.1 Business, technology and regulatory tests

This document collects the business-facing, technology-facing and regulatory tests as guided by the SAFe Agile Testing Framework. It partially builds on the Agile Testing Matrix concept and outlines the tests we plan to run for the EBANK v1.3 QA phase.

Testing has been managed and conducted using the Xray Test Management app for Jira. Test attributes that are included here: Xray test details, manual test steps, pre-conditions, test sets, test executions, test plans.

These types of tests are necessary to ensure quality: tests for code, user interfaces, security, and workflows. We organize these test by logical categories also give the current statuses of the particular tests.

2 Business-facing tests

2.1 Functional tests and UAT

2.1.1 [EBANK-65] Scanned account holder ID doesn't match selfie

<table>
<thead>
<tr>
<th>Status:</th>
<th>To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project:</td>
<td>E-Bank Portal</td>
</tr>
<tr>
<td>Type:</td>
<td>Test</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Owen Klyed</td>
</tr>
<tr>
<td>Priority:</td>
<td>High</td>
</tr>
</tbody>
</table>

**Xray Test Details**

| TestRunStatus: | TODO |

**Test Details**

| Type: | Manual |

| Manual Steps: | | | |
|---|---|---|
| Step | Input/Data | Expected Results |
| 1 | Create selfie | Account holder in Free tier | Selfie is submitted and saved |
| 2 | Image file is uploaded to server | Selfie is not made of the same person as account holder ID | File is successfully uploaded |
### 2.1.2 [EBANK-64] Scanned account holder ID matches selfie

Status: To Do
Project: E-Bank Portal
Type: Test
Assignee: Owen Klyed

**Pre-Conditions**
- [EBANK-29] Test user is logged in

**Test Sets**
- [EBANK-59] Banking workflows and business requirements
- [EBANK-61] Account holders data integrity
- [EBANK-74] Secondary account holders data integrity

**Test Plans**
- [EBANK-66] User Experience Boost for v1.3
- [EBANK-81] User Experience Boost for v1.4

### Test Details

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Create selfie</td>
<td>Account holder in Free tier</td>
</tr>
<tr>
<td>2</td>
<td>Image file is uploaded to server</td>
<td>Selfie is made of the same person as account holder ID</td>
</tr>
<tr>
<td>3</td>
<td>Script compares previously scanned ID image with selfie</td>
<td>Match found and identity confirmed</td>
</tr>
</tbody>
</table>

Software version: 1.2.3.4

Created: 10/Feb/20 2:28 PM - Updated: 06/Mar/20 5:04 PM
### Test Plans

#### Test Plans:
- [EBANK-66] User Experience Boost for v1.3
- [EBANK-81] User Experience Boost for v1.4

---

#### 2.1.3 [EBANK-57] Transfer push notifications are sent

<table>
<thead>
<tr>
<th>Status:</th>
<th>To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project:</td>
<td>E-Bank Portal</td>
</tr>
<tr>
<td>Type:</td>
<td>Test</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Casey Ford</td>
</tr>
<tr>
<td>Priority:</td>
<td>High</td>
</tr>
</tbody>
</table>

**Xray Test Details**

- **Test Repository Path:** /testing/2020/smoke tests
- **TestRunStatus:** TODO

**Test Details**

- **Type:** Manual

<table>
<thead>
<tr>
<th>Step</th>
<th>Manual Steps</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Initiate a money transfer</td>
<td>Amount should be other than $0. Transfer is successful.</td>
<td>Push notification is received on mobile device</td>
</tr>
<tr>
<td>2</td>
<td>Click link in push notification</td>
<td>Transaction details are open in app</td>
<td></td>
</tr>
</tbody>
</table>

**Pre-Conditions**

- [EBANK-29] Test user is logged in
- [EBANK-58] Test user account balance is not zero

**Test Sets**

- [EBANK-39] Immediate payment transactions

**Test Plans**

- [EBANK-48] Features and security testing for versions after 1.0.0
- [EBANK-75] Features and security testing for versions after 1.2

---

#### 2.1.4 [EBANK-40] Payment verifications performed for account balance

<table>
<thead>
<tr>
<th>Status:</th>
<th>To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project:</td>
<td>E-Bank Portal</td>
</tr>
<tr>
<td>Type:</td>
<td>Test</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Dalia Lens</td>
</tr>
<tr>
<td>Priority:</td>
<td>Low</td>
</tr>
</tbody>
</table>

---

Page 4
Xray Test Details

Test Repository Path: /testing/2020/smoke tests
TestRunStatus: EXECUTING

Test Details

<table>
<thead>
<tr>
<th>Manual Steps</th>
<th>Steps</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>Initiate payment request</td>
<td>Account balance is sufficient</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Initiate payment request</td>
<td>Account balance is insufficient</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Initiate payment request</td>
<td>Authentication fails</td>
</tr>
</tbody>
</table>

Test Sets

Test Sets: [EBANK-39] Immediate payment transactions

Test Plans

Test Plans: [EBANK-60] PSD2 functional aspects for v1.1
[EBANK-79] PSD2 functional aspects for v1.2
[EBANK-75] Features and security testing for versions after 1.2
[EBANK-81] User Experience Boost for v1.4

2.1.5 [EBANK-31] Onboarding instructions depend on customer account type (Standard)

Status: To Do
Project: E-Bank Portal
Type: Test
Assignee: Robert Mongose
Priority: Low

Xray Test Details

Test Repository Path: /testing/2020/smoke tests
TestRunStatus: PASS

Test Details

<table>
<thead>
<tr>
<th>Manual Steps</th>
<th>Type: Manual</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Step</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. Open the "Services" menu

2. Find the "Upgrade" link at the bottom of the menu bar

**Pre-Conditions**

Pre-Conditions: [EBANK-32] Standard tier user is logged in

**Test Sets**

Test Sets: [EBANK-63] Edge cases and overload scenarios

**Test Plans**

Test Plans: [EBANK-66] User Experience Boost for v1.3

[EBANK-81] User Experience Boost for v1.4

**Links**

Cloners

clones [EBANK-6] Onboarding instructions depend on customer account type (Premium)  To Do

---

### 2.1.6 [EBANK-42] TPP list can be accessed by Bank employees

Status: To Do

Project: E-Bank Portal

Type: Test

Assignee: Liam Farrell

Priority: Low

**Xray Test Details**

Test Repository Path: /testing/2020/smoke tests

Test Run Status: TODO

**Test Details**

Type: Manual

**Manual Steps:**

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Login as employee to TPP partner database</td>
<td>Use level 3 clearance</td>
</tr>
</tbody>
</table>

**Test Sets**

Test Sets: [EBANK-38] API Testing for Payment Service Directive

**Test Plans**

Test Plans: [EBANK-60] PSD2 functional aspects for v1.1

[EBANK-66] User Experience Boost for v1.3

[EBANK-79] PSD2 functional aspects for v1.2
2.1.7 [EBANK-5] Behavior of form instructions

Created: 30/Jan/20 10:31 AM - Updated: 20/Mar/20 2:49 PM

Status: To Do
Project: E-Bank Portal

Type: Test
Assignee: Unassigned
Priority: Low

Xray Test Details
Test Repository Path: /testing/2020/smoke tests
TestRunStatus: TODO

Test Details
Type: Manual

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Click on instructions icon next to ZIP code field</td>
<td>Instructions appear</td>
</tr>
<tr>
<td>2</td>
<td>Click on instructions icon next to Bank account field</td>
<td>Instructions appear</td>
</tr>
<tr>
<td>3</td>
<td>Click on instructions icon next to Phone number field</td>
<td>Instructions appear</td>
</tr>
<tr>
<td>4</td>
<td>Find instruction to Name and Age fields</td>
<td>No instruction icons next to Name and Age fields</td>
</tr>
</tbody>
</table>

Pre-Conditions
Pre-Conditions: [EBANK-29] Test user is logged in

Test Sets
Test Sets: [EBANK-77] Webapp user experience testing

Test Plans
Test Plans: [EBANK-66] User Experience Boost for v1.3
2.2 UX tests

### 2.2.1 [EBANK-17] Keyboard switching is automatic for number type fields on mobile

**Status:** To Do  
**Project:** E-Bank Portal  
**Type:** Test  
**Assignee:** Unassigned  
**Priority:** Low  
**Xray Test Details**  
**Test Repository Path:** /testing/2020/smoke tests  
**TestRunStatus:** TODO

#### Test Details

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Navigate to New transaction screen</td>
<td>New transaction screen loaded</td>
</tr>
<tr>
<td>2</td>
<td>Activate number type field, Transaction amount field, Price field</td>
<td>Mobile keyboard switches to numbers</td>
</tr>
<tr>
<td>3</td>
<td>Activate text type fields, Stock ticker field</td>
<td>Mobile keyboard doesn't switch to numbers</td>
</tr>
</tbody>
</table>

**Pre-Conditions**  
**Pre-Conditions:** [EBANK-35] Mobile app is installable from PlayStore

**Test Sets**  
**Test Sets:**  
- [EBANK-37] App speed and usability  
- [EBANK-77] Webapp user experience testing

**Test Plans**  
**Test Plans:**  
- [EBANK-66] User Experience Boost for v1.3  
- [EBANK-81] User Experience Boost for v1.4
2.2.2 [EBANK-14] Insufficient funds notifications are straightforward

Created: 30/Jan/20 10:40 AM - Updated: 20/Mar/20 4:30 PM

Status: To Do
Project: E-Bank Portal

Type: Test
Assignee: Unassigned
Priority: Low

Xray Test Details
Test Repository Path: /testing/2020/scenarios
TestRunStatus: ABORTED

Test Details
Type: Manual

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Navigate to My investments screen</td>
<td>My investments screen loaded</td>
</tr>
<tr>
<td>2</td>
<td>Select a stock item for new purchase</td>
<td>make total total value around $1000</td>
</tr>
</tbody>
</table>

Pre-Conditions
Pre-Conditions: [EBANK-34] Test user account balance is zero

Test Sets
Test Sets: [EBANK-38] API Testing for Payment Service Directive

Test Plans
Test Plans: [EBANK-60] PSD2 functional aspects for v1.1
[EBANK-67] Internationalization
[EBANK-79] PSD2 functional aspects for v1.2
[EBANK-75] Features and security testing for versions after 1.2
[EBANK-81] User Experience Boost for v1.4

Links
Bugs detected

|缺陷| [EBANK-54] User account balance is hidden on transaction screen | Done |

Defect
created

|缺陷| [EBANK-54] User account balance is hidden on transaction screen | Done |

2.2.3 [EBANK-11] Confirmations are prompted when leaving forms without saving

Created: 30/Jan/20 10:36 AM - Updated: 06/Mar/20 11:56 AM

Status: To Do
Project: E-Bank Portal

Type: Test
Assignee: Unassigned

Priority: Low

Xray Test Details
Test Repository Path: /testing/2020/smoke tests
TestRunStatus: PASS

Test Details
Type: Manual

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Navigate to Registration screen</td>
<td>Registration screen is loaded</td>
</tr>
<tr>
<td>2</td>
<td>Fill Name field    Sandra Green</td>
<td>Accepted</td>
</tr>
<tr>
<td>3</td>
<td>Fill Phone number field</td>
<td>9018746701</td>
</tr>
<tr>
<td>4</td>
<td>Fill Address field</td>
<td>3242 Feathers Hooves Drive</td>
</tr>
<tr>
<td>5</td>
<td>Navigate back to Home screen</td>
<td>Warning box appears that filled data will be lost</td>
</tr>
</tbody>
</table>

Test Sets
Test Sets: [EBANK-62] User Experience and Interface

Test Plans
Test Plans: [EBANK-66] User Experience Boost for v1.3
[EBANK-67] Internationalization
[EBANK-81] User Experience Boost for v1.4

2.2.4 [EBANK-7] Financial goal progress bar visibility on different screens
Created: 30/Jan/20 10:33 AM - Updated: 20/Mar/20 4:29 PM

Status: To Do
Project: E-Bank Portal

Type: Test
Assignee: Unassigned

Priority: Low

Xray Test Details
Test Repository Path: /testing/2020/scenarios
TestRunStatus: ABORTED

Test Details
Type: Manual
Manual Steps:

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Navigate to the Home screen</td>
<td>Financial goal is present at the top of the screen</td>
</tr>
<tr>
<td>2</td>
<td>Navigate to Accounts overview screen</td>
<td>Financial goal is present at the top of the screen</td>
</tr>
<tr>
<td>3</td>
<td>Navigate to My investments screen</td>
<td>Financial goal is present at the top of the screen</td>
</tr>
<tr>
<td>4</td>
<td>Navigate to any other screen</td>
<td>Financial goal is not present</td>
</tr>
</tbody>
</table>

Pre-Conditions

Pre-Conditions:  
- [EBANK-33] Financial goals has been created by user  
- [EBANK-29] Test user is logged in

Test Sets

Test Sets:  
- [EBANK-62] User Experience and Interface

Test Plans

Test Plans:  
- [EBANK-60] PSD2 functional aspects for v1.1  
- [EBANK-66] User Experience Boost for v1.3  
- [EBANK-67] Internationalization  
- [EBANK-79] PSD2 functional aspects for v1.2  
- [EBANK-81] User Experience Boost for v1.4  
- [EBANK-75] Features and security testing for versions after 1.2

2.2.5 [EBANK-2] Test the behavior of required fields for a card-not-present payment transaction

Test goal

The goal of this manual smoke test is to generally verify if the application always gathers the required data for a payment transaction.

Required fields layout (without cardholder name):
### Test Details

**Type:** Manual

#### Manual Steps:

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
</table>
| 1    | Send form when **all** required fields are empty. | Following fields are empty:  
  - Phone number  
  - Email address  
  - Mailing address |
|      | Form is not accepted. Warning message appears with a list of all required fields. |

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
</table>
| 2    | Send form when **two** required fields are empty. | Following fields are empty:  
  - Phone number  
  - Email address |
|      | Form is not accepted. Warning message appears with a list of the two fields left empty. |

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Send form when all required fields are filled.</td>
<td>Form is accepted.</td>
</tr>
</tbody>
</table>

### Pre-Conditions

**Pre-Conditions:** [EBANK-29] Test user is logged in

### Test Sets

**Test Sets:**  
- [EBANK-36] Security and compliance  
- [EBANK-37] App speed and usability  
- [EBANK-73] Internal security audit  
- [EBANK-76] Payment Service Provider Compliance  
- [EBANK-77] Webapp user experience testing  
- [EBANK-78] Local regulations compliance for tax and banking security

### Test Plans

**Test Plans:**  
- [EBANK-48] Features and security testing for versions after 1.0.0  
- [EBANK-60] PSD2 functional aspects for v1.1  
- [EBANK-66] User Experience Boost for v1.3  
- [EBANK-75] Features and security testing for versions after 1.2  
- [EBANK-79] PSD2 functional aspects for v1.2  
- [EBANK-81] User Experience Boost for v1.4

### Attachments
3 Technology-facing tests

3.1 Unit test and component tests

3.1.1 [EBANK-22] Desktop Operating System compatibility test

<table>
<thead>
<tr>
<th>Status: In progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: E-Bank Portal</td>
</tr>
<tr>
<td>Type: Test</td>
</tr>
<tr>
<td>Assignee: Robert Mongose</td>
</tr>
<tr>
<td>Priority: Low</td>
</tr>
</tbody>
</table>

**Xray Test Details**

Test Repository Path: /testing/2020/scenarios

Test Run Status: TODO

**Test Details**

| Type: Manual |

<table>
<thead>
<tr>
<th>Manual Steps:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step</td>
</tr>
<tr>
<td>1</td>
</tr>
</tbody>
</table>
2  Install the desktop version on Windows  The application runs without errors
3  Install the desktop version on MacOS  The application runs without errors

**Test Sets**

**Test Sets:**

- [EBANK-36] Security and compliance
- [EBANK-73] Internal security audit
- [EBANK-76] Payment Service Provider Compliance
- [EBANK-78] Local regulations compliance for tax and banking security

**Test Plans**

**Test Plans:**

- [EBANK-48] Features and security testing for versions after 1.0.0
- [EBANK-75] Features and security testing for versions after 1.2

### 3.1.2 [EBANK-23] Response time test at different connection speeds

**Status:** To Do

**Project:** E-Bank Portal

**Type:** Test  **Priority:** Low

**Assignee:** Unassigned

**Xray Test Details**

**Test Repository Path:** /testing/2020/smoke tests

**TestRunStatus:** FAIL

**Test Details**

**Type:** Manual

**Manual Steps:**

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Navigate to My investments screen</td>
<td>Use bandwidth throttled to 0.5 Mb/s</td>
</tr>
<tr>
<td>2</td>
<td>Navigate to My investments screen</td>
<td>Use bandwidth throttled to 1.5 Mb/s</td>
</tr>
<tr>
<td>3</td>
<td>Navigate to My investments screen</td>
<td>Use bandwidth throttled to 0.1 Mb/s</td>
</tr>
</tbody>
</table>

**Test Sets**

**Test Sets:**

- [EBANK-37] App speed and usability
- [EBANK-77] Webapp user experience testing
3.1.3 [EBANK-18] Loading website with various connections quality

Created: 30/Jan/20 10:44 AM - Updated: 06/Mar/20 11:56 AM

Status: To Do
Project: E-Bank Portal

Type: Test
Assignee: Unassigned

Priority: Low

Test Details

Type: Manual

<table>
<thead>
<tr>
<th>Manual Steps</th>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Open mobile website with mobile service providers</td>
<td>Sprint, AT&amp;T, T-Mobile</td>
<td>All site components load with all providers under 3 seconds</td>
</tr>
<tr>
<td>2</td>
<td>Open website with Cable Service Providers</td>
<td>AT&amp;T, Time Warner Cable, Verizon</td>
<td>All site components load with all providers under 2 seconds</td>
</tr>
</tbody>
</table>

Test Sets

Test Sets: [EBANK-63] Edge cases and overload scenarios
[EBANK-62] User Experience and Interface

Test Plans

Test Plans: [EBANK-66] User Experience Boost for v1.3
[EBANK-81] User Experience Boost for v1.4

3.1.4 [EBANK-20] Mobile browser compatibility test

Created: 30/Jan/20 10:45 AM - Updated: 06/Mar/20 11:56 AM
Status: To Do
Project: E-Bank Portal

Type: Test
Assignee: Unassigned
Priority: Low

Xray Test Details
Test Repository Path: /testing/2020/smoke tests
TestRunStatus: TODO

Test Details
Type: Manual
Manual Steps:

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Try the major browsers</td>
<td>Google Chrome 40.0.2214 and up, Mozilla Firefox 56.0 and up, Microsoft Internet Explorer 11</td>
</tr>
</tbody>
</table>

Test Sets
Test Sets: [EBANK-37] App speed and usability
[EBANK-73] Internal security audit
[EBANK-76] Payment Service Provider Compliance
[EBANK-77] Webapp user experience testing

Test Plans
Test Plans: [EBANK-66] User Experience Boost for v1.3
[EBANK-81] User Experience Boost for v1.4

3.1.5 [EBANK-13] Table scrolling edge cases are handled

Status: To Do
Project: E-Bank Portal

Type: Test
Assignee: Unassigned
Priority: Low

Xray Test Details
Test Repository Path: /testing/2020/smoke tests
TestRunStatus: PASS

Test Details
Type: Manual
Manual Steps:

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Navigate to My investments screen</td>
<td>My investments screen loaded with</td>
</tr>
<tr>
<td>Step</td>
<td>Input/Data</td>
<td>Expected Results</td>
</tr>
<tr>
<td>------</td>
<td>------------</td>
<td>------------------</td>
</tr>
<tr>
<td>1</td>
<td>+12123</td>
<td>Not accepted</td>
</tr>
<tr>
<td>2</td>
<td>901-874-6701</td>
<td>Not accepted</td>
</tr>
<tr>
<td>3</td>
<td>901-874-6701ABC</td>
<td>Not accepted</td>
</tr>
<tr>
<td>4</td>
<td>19018746701</td>
<td>Accepted</td>
</tr>
</tbody>
</table>

Test Sets
Test Sets: [EBANK-63] Edge cases and overload scenarios

Test Plans
Test Plans: [EBANK-66] User Experience Boost for v1.3
[EBANK-81] User Experience Boost for v1.4

3.1.6 [EBANK-3] Enter different data types
Created: 30/Jan/20 10:30 AM - Updated: 24/Mar/20 2:03 PM

Status: In progress
Project: E-Bank Portal
Type: Test
Assignee: Owen Klyed

Xray Test Details
Test Repository Path: /testing/2020/scenarios
Test Run Status: FAIL

Test Details
Type: Manual

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>+12123</td>
<td>Not accepted</td>
</tr>
<tr>
<td>2</td>
<td>901-874-6701</td>
<td>Not accepted</td>
</tr>
<tr>
<td>3</td>
<td>901-874-6701ABC</td>
<td>Not accepted</td>
</tr>
<tr>
<td>4</td>
<td>19018746701</td>
<td>Accepted</td>
</tr>
</tbody>
</table>

Test Sets
Test Sets: [EBANK-36] Security and compliance
[EBANK-73] Internal security audit
[EBANK-76] Payment Service Provider Compliance
**EBANK QA Planning - Tests collection (Xray)**

**Test Plans**

<table>
<thead>
<tr>
<th>Test Plans:</th>
<th>[EBANK-48] Features and security testing for versions after 1.0.0</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[EBANK-75] Features and security testing for versions after 1.2</td>
</tr>
</tbody>
</table>

**Attachments**

![Please input a valid phone number!](image-2020-03-06-10-46-27-850.png) (5 kB)

**Links**

<table>
<thead>
<tr>
<th>Blocks</th>
<th>[EBANK-5] Behavior of form instructions</th>
</tr>
</thead>
</table>

**Bugs detected**

<table>
<thead>
<tr>
<th>detects</th>
<th>[EBANK-68] Caps Lock is turned on by default</th>
</tr>
</thead>
</table>

**Comments**

**Bob Mitchell added a comment - 27/Feb/20 2:51 PM**

I think we are **not being fully clear** on what area codes do we accept!
This way we confuse users and they won't understand if they can sign up or not.

I think we should:

1. Provide clearer explanation of what is a **valid** data
2. Display a friendlier warning when invalid data is submitted
3. Offer alternatives for certain data

**Zoe Barnes added a comment - 27/Feb/20 2:53 PM**

Yea, I can see why that is confusing. 😊

We should look into making this clear and maybe introduce a maps based area picker?

---

**4 Regulatory compliance tests**

**4.1 [EBANK-25] User account connects to multiple third-party bank APIs**

Created: 30/Jan/20 10:59 AM - Updated: 24/Mar/20 3:52 PM

<table>
<thead>
<tr>
<th>Status:</th>
<th>In progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project:</td>
<td>E-Bank Portal</td>
</tr>
</tbody>
</table>
**Test Details**

**Manual Steps:**

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Run account checks on all accounts created since the last check</td>
<td>No consistency problems found</td>
</tr>
</tbody>
</table>

**Test Sets**

Test Sets:

- [EBANK-36] Security and compliance
- [EBANK-73] Internal security audit
- [EBANK-74] Secondary account holders data integrity
- [EBANK-76] Payment Service Provider Compliance
- [EBANK-78] Local regulations compliance for tax and banking security

**Test Plans**

Test Plans:

- [EBANK-48] Features and security testing for versions after 1.0.0
- [EBANK-66] User Experience Boost for v1.3
- [EBANK-75] Features and security testing for versions after 1.2
- [EBANK-81] User Experience Boost for v1.4

**Links**

Tests

- [EBANK-82] As a user, I want to integrate traditional bank accounts with Ebanks

---

4.2 [EBANK-1] Payment request is authenticated securely

- **Status:** To Do
- **Project:** E-Bank Portal

**Xray Test Details**

Test Repository Path: /testing/2020/scenarios

**Test Run Status:** EXECUTING

**Test Details**

Type: Manual
Manual Steps:

<table>
<thead>
<tr>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Initiate a payment request</td>
<td>input type=&quot;shop_id, transaction_id&quot; name=&quot;action&quot; value=&quot;PAYMENT&quot; User is redirected to the payment page</td>
</tr>
<tr>
<td>2</td>
<td>Select the card type of your choice</td>
<td>Use official VISA and Mastercard test credentials Card selected</td>
</tr>
<tr>
<td>3</td>
<td>Submit payment</td>
<td>3D Secure authentication is performed</td>
</tr>
</tbody>
</table>

Pre-Conditions:

Pre-Conditions: [EBANK-34] Test user account balance is zero

Test Sets:

Test Sets: [EBANK-39] Immediate payment transactions [EBANK-59] Banking workflows and business requirements

Test Plans:


4.3 [EBANK-24] Verify required SSL security compliance

Status: In progress
Project: E-Bank Portal

Type: Test Priority: High
Assignee: Casey Ford

Xray Test Details

Test Repository Path: /testing/2020/scenarios
TestRunStatus: PASS

Test Details

Type: Manual

<table>
<thead>
<tr>
<th>Manual Steps:</th>
<th>Step</th>
<th>Input/Data</th>
<th>Expected Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Test website for NIST guidelines</td>
<td>Resource for guidelines (see attachment) Website complies with NIST security guidelines</td>
<td></td>
</tr>
</tbody>
</table>
2  Test SSL/TLS for HIPAA guidelines  Use AWS guidelines (see attachment)  Website complies with HIPAA security guidelines

3  Test SSL/TLS for PCI DSS security standards  See standards at [https://www.pcisecuritystandards.org/](https://www.pcisecuritystandards.org/)  Website complies with PCI DSS security standards

**Test Sets**

**Test Sets:**
- [EBANK-36] Security and compliance
- [EBANK-73] Internal security audit
- [EBANK-76] Payment Service Provider Compliance
- [EBANK-78] Local regulations compliance for tax and banking security

**Test Plans**

**Test Plans:**
- [EBANK-48] Features and security testing for versions after 1.0.0
- [EBANK-75] Features and security testing for versions after 1.2

**Links**

**Tests**

| tests  | [EBANK-82]  | As a user, I want to integrate traditional bank accounts with Ebank | In progress |

**5 END OF DOCUMENT**