

**[EBANK-36] Security and compliance**

Created: 08/Jan/25 1:22 PM - Updated: 11/Jul/25 1:00 PM

Status: In Progress
Project: E-Bank Portal

Type: Test Set
Reporter: Dalia Lens
Labels: None

Priority: High
Assignee: Unassigned

Description**Test Set and associated Tests Report**

This document is a comprehensive report of the security and compliance testing for **PSD2 compliance**. The collection and status of individual test activities conducted as part of [EBANK-36](#) can be found below.

Testers involved:

- Casey Ford (team lead)
- Daike Tanaka
- Jack Powell
- Levente Szabo

PSD2 Security Guideline topics covered:

- Data protection
- Secure communication
- Device and software integrity
- Separate environment

Tests

Overall Execution Status: PASSED: 1 (14.29%), TO DO: 2 (28.57%), EXECUTING: 1 (14.29%), FAILED: 3 (42.86%)

Tests: [\[EBANK-26\]](#) HTTP protocol used to store cookies
[\[EBANK-25\]](#) Database consistency test
[\[EBANK-24\]](#) Verify required SSL security compliance
[\[EBANK-22\]](#) Desktop Operating System compatibility test
[\[EBANK-8\]](#) Payment transaction submitted multiple times
[\[EBANK-3\]](#) Enter different data types
[\[EBANK-2\]](#) Test the behavior of required fields for a card-not-present payment transaction

Links**Cloners**

is cloned by [EBANK-73](#) Internal security audit To Do

**[EBANK-26] HTTP protocol used to store cookies**

Created: 08/Jan/25 1:21 PM - Updated: 10/Jul/25 4:00 PM

Status:	To Do
Project:	E-Bank Portal

Type:	Test	Priority:	Low
Reporter:	Jack Powell	Assignee:	Casey Ford
Labels:	None		

Test Details

Type:	Manual		
Manual Steps:			
		Action	Data
	1	Access the website from mobile browser	Expected Result
	2	Check if cookie values have been set	NAME=VALUE; expires=DATE; path=PATH; domain=DOMAIN_NAME;
			Home screen loads
			Cookie values have been set
Test Repository Path:	/		
Test Status:	EXECUTING		

Links

Test			
<i>tests</i>	EBANK-55	Use HTTP to store cookies on mobile devices	To Do
Defect			
<i>created</i>	EBANK-56	Warning message doesn't appear when form fields are not filled properly	To Do

**[EBANK-25] Database consistency test**

Created: 08/Jan/25 1:21 PM - Updated: 10/Jul/25 4:06 PM

Status:	To Do
Project:	E-Bank Portal

Type:	Test	Priority:	Low
Reporter:	Daike Tanaka	Assignee:	Levente Szabo [Midori]
Labels:	None		

Test Details

Type:	Manual		
Manual Steps:		Action	Expected Result
	1	Run account checks on all accounts created since the last check	No consistency problems found
Test Repository Path:	/		
Test Status:	FAILED		

**[EBANK-24] Verify required SSL security compliance**

Created: 08/Jan/25 1:21 PM - Updated: 10/Jul/25 4:05 PM

Status:	To Do
Project:	E-Bank Portal

Type:	Test	Priority:	Low
Reporter:	Robert Mongose	Assignee:	Casey Ford
Labels:	None		

Test Details

Type:	Manual		
Manual Steps:			
		Action	Data
	1	Test website for NIST guidelines	Resource for guidelines (see attachment)
	2	Test SSL/TLS for HIPAA guidelines	Use AWS guidelines
	3	Test SSL/TLS for PCI DSS security standards	See standards at https://www.pcisecuritystandards.org
Expected Result			
			Website complies with NIST security guidelines
			Website complies with HIPAA security guidelines
			Website complies with PCI DSS security standards
Test Repository Path:	/		
Test Status:	TO DO		

**[EBANK-22] Desktop Operating System compatibility test**

Created: 08/Jan/25 1:21 PM - Updated: 10/Jul/25 2:55 PM

Status:	In Progress
Project:	E-Bank Portal

Type:	Test	Priority:	Low
Reporter:	Casey Ford	Assignee:	Robert Mongose
Labels:	None		

Test Details

Type:	Manual		
Manual Steps:			
		Action	Data
	1	Install the desktop version on Linux.	Expected Result
	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 Repository Path:	/		
Test Status:	TO DO		

**[EBANK-8] Payment transaction submitted multiple times**

Created: 08/Jan/25 1:20 PM - Updated: 10/Jul/25 4:04 PM

Status:	In Progress
Project:	E-Bank Portal

Type:	Test	Priority:	Highest
Reporter:	Dalia Lens	Assignee:	Robert Mongose
Labels:	None		

Test Details

Type:	Manual		
Manual Steps:			
		Action	Data
	1	Submit payment transaction.	Simulate a timeout error.
	2	Submit same payment transaction.	Submit transaction within 1 minute of the previous.
			Expected Result
			Transaction is not completed, email notification sent out.
			Transaction is completed only once.
Test Repository Path:	/		
Test Status:	FAILED		

Links

Defect			
created	EBANK-54	User account balance is hidden on transaction screen	To Do
created	EBANK-56	Warning message doesn't appear when form fields are not filled properly	To Do

**[EBANK-3] Enter different data types**

Created: 08/Jan/25 1:20 PM - Updated: 10/Jul/25 4:05 PM

Status:	In Progress		
Project:	E-Bank Portal		
Type:	Test	Priority:	Medium
Reporter:	Daike Tanaka	Assignee:	Casey Ford
Labels:	user-data, user-interface		

*Test Details***Type:** Generic**Definition:**

Test session goal

The general purpose of this test is to filter out and reject values there are inappropriate, invalid or wrong type for a given input.

When testing the **"Phone Number"** input, put in a series of numbers that are not a phone number. Put in phone numbers that use dash character or other special characters. Use letters as phone number, both upper and lower case characters.

Since nothing else is acceptable then a valid phone number, you are looking for the errors here. The errors have to be displayed in every case and the wording, their language should convey the error message clear, so the user knows what is wrong and **why it is wrong**.

Examples for wrong data type:

- 555-0120
- #1234
- ABD-1234

Expected error message:

Please input a valid phone number!

Test Repository Path: /testing/2025/scenarios**Test Status:** FAILED**Links****Bugs detected**

<i>detects</i>	EBANK-68	Caps Lock is turned on by default	In Progress
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Blocks

<i>blocks</i>	EBANK-5	Behavior of form instructions	Backlog
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Comments*Jack Powell added a comment - 09/Jul/25 11:23 AM*

I think we are **not being fully clear** on what area codes we accept.
This way, we confuse users because they don't understand whether they can sign up or not.

I think we should:

1. Provide a clearer explanation of what **valid** data is
2. Display a friendlier warning when invalid data is submitted

3. Offer alternatives for certain data

Dalia Lens added a comment - 09/Jul/25 11:29 AM

Yea, I can see why that is confusing.

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



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

Created: 08/Jan/25 1:20 PM - Updated: 08/Jul/25 1:32 PM

Status: In Progress
Project: E-Bank Portal

Type: Test
Reporter: Daike Tanaka
Labels: transactions, user-interface

Priority: High
Assignee: Robert Mongose

Description

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):

ENTER CREDITCARD DETAILS



Credit card number:

Expires:

CVC:

 4571 | * * * * *

MM

YY

Test Details

Type: Manual

Manual Steps:

	Action	Data	Expected Result
1	Send form when all required fields are empty.	Following fields are empty: <ul style="list-style-type: none">Phone numberEmail addressMailing address	Form is not accepted. Warning message appears with a list of all required fields.
2	Send form when two required fields are empty.	Following fields are empty: <ul style="list-style-type: none">Phone numberEmail address	Form is not accepted. Warning message appears with a list of the two fields left empty.
3	Send form when all required fields are filled.		Form is accepted.


Test Repository Path: /testing/2025/smoke_tests

Test Status: PASSED

Attachments

ENTER CREDITCARD DETAILS

Credit card number:

 4571 | * * * *

Expires:

MM

YY

CVC:

pay-with-credit-card-w9.png (16 kB)

Links			
Defect			
created	EBANK-68	Caps Lock is turned on by default	In Progress
created	EBANK-56	Warning message doesn't appear when form fields are not filled properly	To Do
Detect			
detects	EBANK-68	Caps Lock is turned on by default	In Progress
detects	EBANK-56	Warning message doesn't appear when form fields are not filled properly	To Do