### [EBANK-36] Security and compliance

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

Status: Project:	In Progress E-Bank Portal			
Туре:	Test Set	Priority:	High	
Reporter:	Dalia Lens	Assignee:	Unassigned	
Labels:	None			

#### 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 <u>EBANK-36</u> 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

properly

### [EBANK-26] HTTP protocol used to store cookies Created: 08/Jan/25 1:21 PM - Updated: 10/Jul/25 4:00 PM $\mathbf{U}$

Status:		To Do				
Project:		E-Bank I	Portal			
		_				
Туре:			P	riority: Lov	V	
		Jack Pov	well A	ssignee: Cas	sey Ford	
Labels:		None				
Test Details						
Туре:		Manual				
Manual Steps:			Action	Data	Expected Result	
		1	Access the website from mobile browser		Home screen loads	
		2	Check if cookie values have been set	NAME=VALUE; expires=DATE; path=PATH; domain=DOMAIN_NAME;	Cookie values have been set	
Test Repository	Path:	/				
Test Status:		EXECUT	TING			
Links						
Test						
tests	EBANK-55		Use HTTP to store cookies of	n mobile devices	To Do	
Defect						
created	EBAN	K-56	Warning message doesn't appear when form fields are not filled To Do			

# [EBANK-25] Database consistency test Created: 08/Jan/25 1:21 PM - Updated: 10/Jul/25 4:06 PM

Status: Project:	To Do E-Bank P	ortal		
Type: Reporter:	Test Daike Tar		riority: Low	nte Szabo [Midori]
Labels:	None			
Test Details				
Туре:	Manual			
Manual Steps:		Action	Data	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-Ban	k Portal		
Туре:	Test		Priority: Low	
Reporter:	Robert Mongose		Assignee: Case	y Ford
Labels:	None			
Test Details				
Туре:	Manua	al		
Manual Steps:		Action	Data	Expected Result
	1	Test website for NIST guidelines	Resource for guidelines (seattachment)	e Website complies with NIST security guidelines
	2	Test SSL/TLS for HIPAA guidelines	Use AWS guidelines	Website complies with HIPAA security guidelines
	3	Test SSL/TLS for PCI DSS security standards	See standards at <u>https://</u> www.pcisecuritystandards.c	Website complies with PCI rg/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 Prog	gress		
Project:	E-Ban	k Portal		
Туре:	Test	P	riority:	Low
Reporter:	Casey Ford As		ssignee:	Robert Mongose
Labels:	None			
Test Details				
Туре:	Manua	al		
Manual Steps:		Action	Data	Expected Result
	1	Install the desktop version on Linux.		The application runs without errors.
	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 Progre	SS				
Project:		E-Bank Portal					
Туре:		Test	P	riority:	Highe	st	
Reporter:		Dalia Len	s A	ssignee:	Rober	rt Mongose	
Labels:		None					
Test Details							
Туре:		Manual					
Manual Steps:			Action	Data		Expected	Result
		1	Submit payment transaction.	Simulate a time	eout error.	Transacti complete sent out.	on is not d, email notification
		2	Submit same payment transaction.	Submit transact minute of the presence of the		Transacti only once	on is completed
Test Repository P	Path:	/					
Test Status:		FAILED					
Links							
Defect							
created I	EBAN	<u>K-54</u>	User account balance is hide	len on transactio	n screen		To Do
created [	EBAN	<u>K-56</u>	Warning message doesn't appear when form fields are not filled To Do properly			To Do	

#### [EBANK-3] Enter different data types Created: 08/Jan/25 1:20 PM - Updated: 10/Jul/25 4:05 PM

Fype: Test Priority: Medium   Resporter: Daike Tanaka Assignee: Casey Ford   Labels: user-data, user-interface Casey Ford   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: <ul> <li>555-0120</li> <li>#1234</li> <li>ABD-1234</li> </ul> Examples for wrong data type: <ul> <li>555-0120</li> <li>#1234</li> <li>ABD-1234</li> </ul> Examples for wrong data type: <ul> <li>555-0120</li> <li>#1234</li> <li>ABD-1234</li> </ul> Examples for wrong data type: <ul> <li>555-0120</li> <li>#1234</li> <li>ABD-1234</li> </ul> Examples for wrong data type: <ul> <li>555-0120</li> <li>#1234</li> <li>ABD-1234</li> </ul> Examples for wrong data type: <ul> <li>555-0120</li> <li>#1234</li> <li>ABD-1234</li> </ul> Examples for wrong data type: <ul> <li>555-0120</li> <li>#1234</li> <li>Backing/2025/scenarios</li> </ul> Examples and the valid phone number! Inter Status: <ul> <li>FAILED</li> </ul> Inter Status: <ul> <li>FAILED</li> </ul> Examples a clock is turned on by default <ul> <li>In Progress</li> <li>Backing</li> </ul> Backlog Comments Kack Powell added a comment - 09/Jul/25 11/23 AM	Status:		In Progre	ess				
Roporter: Daike Tanaka Assignee: Casey Ford   Labels: user-data, user-interface   Test Details   Type: Generic   Definition: TCSS 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, but upper and lower case characters.   Since nothing else is acceptable then a valid phone number, you are looking for 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 <u>why it is wrong</u> .   Examples for wrong data type:     555-0120      91234     Please input a valid phone number!    Prest Status:   FAILED         Inters   Backdee terors   Backdee terors   Backdee teror   EBANK-5   Behavior of form instructions   Backdee a comment - 0a/Jul/25 11/23 AM	Project:		E-Bank F	Portal				
Labels:       user-data, user-interface         Fest Details       Generic         Definition:       Generic         Definition:       Test session goal         When testing the "Phone Number" input, put in a series of numbers that are not a phone number, but upper and lower case characters or other special characters. Use letters as phone number, both upper and lower case characters 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 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:       1555-0120         141234       3400-1234         Examples for message:       Please input a valid phone number!         Please linput a valid phone number!       41234         ABD-1234       Expected error message:         Free Status:       FAILED         Links       Caps Lock is turned on by default       In Progress         Blocks       EbaNK-5       Behavior of form instructions       Backlog         Comments       Lack Powell addea comment - 04/Jul/25 11/23 AM       In Progress	Туре:		Test		Priority:	Medium		
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 number 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 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: <ul> <li>555-0120</li> <li>#1234</li> <li>ABD-1234</li> <li>Expected error message:</li> <li>Please Input a valid phone number!</li> <li>Fast Status:</li> <li>FalLED</li> </ul> Sing detected <ul> <li>Gaps Lock is turned on by default</li> <li>In Progress</li> <li>Slocks</li> <li>Behavior of form instructions</li> <li>Backlog</li> </ul> Comments <ul> <li>Zake Powell added a comment - 09/Jul/25 11:23 AM</li> </ul>	Reporter:		Daike Ta	naka	Assignee:	Casey Ford		
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<ul> <li>555-0120         <ul> <li>#1234                 <ul></ul></li></ul></li></ul>			message clear, so the user knows what is wrong and why it is wrong.					
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think we are <b>not being fully clear</b> on what area codes we accept. This way, we confuse users because they don't understand whether they can sign up or not.	Comments							
This way, we confuse users because they don't understand whether they can sign up or not.								
think we should:						n up or not.		
	I think we should:							

- Provide a clearer explanation of what *valid* data is
   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?

Х



# [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			
Туре:	Test	Priority:	High	
Reporter:	Daike Tanaka	Assignee:	Robert Mongose	
Labels:	transactions, user-interface			

#### 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:
VISA         4571         * * * * * * * * * * * * * * * * * * *	MM YY	

Test Details							
Туре:	Manual						
Manual Steps:		Action	Data	Expected Result			
	1	Send form when <b>all</b> required fields are empty.	<ul><li>Following fields are empty:</li><li>Phone number</li><li>Email address</li><li>Mailing address</li></ul>	Form is not accepted. Warning message appears with a list of all required fields.			
	2	Send form when <b>two</b> required fields are empty.	<ul><li>Following fields are empty:</li><li>Phone number</li><li>Email address</li></ul>	Form is not accepted. Warning message appears with a list of the two fields lef empty.			
	3	Send form when all required fields are filled.		Form is accepted.			
Test Repository Path:	/testing/2	2025/smoke_tests					
Test Status:	PASSED	)					

Attachments

ENTER CREDITCARD DETAILS			×
Credit card number:		Expires: CVC:	
V/SA         4571         * * * * * * * * * * * * * * *			
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