GATE-UY-SISCA-P2
Test Plan
Security Boarding Gate
Document Date: 24/11/2022

🔒 **COMMERCIAL IN CONFIDENCE**

Legal Notice

Unauthorized duplication or usage of the information presented in this document, partially or in full, and in printed format or in any other manner or through any other means, is expressly forbidden.
Except as otherwise stated herein, nothing contained in this document, or in further documents referenced herein, is to be construed as authority for varying the terms of any agreement or any individual contract generated under any agreement.

Limitation of responsibility

Although this document was reviewed and validated, it may contain typographical or technical errors.
This document is subject to a revision process from time to time, and such revisions shall be included in future issues thereof. Vision-Box®. may proceed to incorporate such modifications whenever required.
Vision-Box®. does not assume any responsibility for damages that may be directly or indirectly caused by errors, omissions or discrepancies which may arise between software applications, equipments and this document.

Licenses and Registered Trademarks

This publication contains references or information about the following products:
Vision-Box®, vision-box SENTRY®, VB-ePASS®, VB-eGate®, VB i-Match®, are registered trademarks of Vision-Box®; Microsoft and Windows are registered trademarks of Microsoft Corporation; PC is a registered trademark of International Business Corporation; Pentium is a registered trademark of Intel Corporation.
Other product and company names may be registered trademarks of other companies and are used exclusively for clarification purposes and user guidance, and without intention of infringing any such rights.

VISION-BOX CERTIFICATIONS   PARTNERS

Test Plan: Security Boarding Gate				
Version	Date	Changed by	Approved by	Change Details
1.0.1	08/11/2022	Sofia Melo Branco		

Contents

Introduction

1.1 Document Overview

This Test Plan contains a broad range of scenarios contained within this solution. This document has been generated automatically from the test management platform.

1.2 Test Plan Details

Description	Test Plan containing all the scenarios for a passenger in security boarding gate.
Revision	*None*
Test Environments	SQA

1.3 Summary

Of the 11 Test Scripts contained on GATEUYSISCAPII-947:

Key	Summary	#Tests
GATEUYSISCAPII-941	Face capture match	2
GATEUYSISCAPII-943	Face capture Timeout	2
GATEUYSISCAPII-936	Initial state gate	1
GATEUYSISCAPII-940	Standard flow (Invalid outcome: passenger rejected)	2
GATEUYSISCAPII-946	External service - Flight number	2
GATEUYSISCAPII-938	Passenger not eligible to use the gate	2
GATEUYSISCAPII-937	Standard Flow	2
GATEUYSISCAPII-944	Gate alarm - Tailgate	2
GATEUYSISCAPII-939	Standard flow: Service Error	2
GATEUYSISCAPII-942	Face capture not match	2
GATEUYSISCAPII-945	Gate alarm - doors blocked	2

1.4 . Detailed report

1.4.1 Test Scenario: GATEUYSISCAPII-941 - Face capture match

Summary

Face capture Match		
Step	Data	Expected Result
1	Passenger is instructed to scan face Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
2	Face capture on going Interior Screen: SC0002	System shall: -Face capture on going -Display Screen: SC0002 informing is processing scan face
3	Passenger waits for face match validation	System shall: -Verify face match on PDE -Call a backend service for BCBP validation -Service receives the request from the system

4	Send BCBP code via AEA (protocol) to DCS due to verification (Response Code=400)		System shall: Continue to accept transaction

Accept Transaction			
Step		Data	Expected Result
1	Passenger is instructed to cross doors	Interior Screen: SC0005	System shall: - Instruct passenger to cross doors - Open doors - Display screen SC0005
2	Passenger cross doors		System shall: -Close doors -Return to initial state

1.4.2 Test Scenario: GATEUYSISCAPII-943 - Face capture Timeout

Summary

Face capture Timeout		
Step	Data	Expected Result
1	State Ready	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
2	Passenger is instructed to scan face	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
3	Face capture timeout	Interior Screen: SC0002	System shall: -Face capture on going -Display Screen: SC0002 informing is processing scan face

4	Face capture retry	Interior Screen: SC0003	System shall: -Face capture retry up to maximum attempts -Continue to reject transaction

Reject Transaction		
Step	Data	Expected Result
1	Passenger is instructed to look for assistance	Interior Screen: SC0004	System shall: - Passenger should look for assistance - Display screen SC0004 - Return to Initial state

1.4.3 Test Scenario: GATEUYSISCAPII-936 - Initial state gate

Summary

eGate available to be used		
Step	Data	Expected Result
1	State Ready	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.

1.4.4 Test Scenario: GATEUYSISCAPII-940 - Standard flow(Invalid outcome: passenger rejected)

Summary

Invalid outcome – Passenger rejected		
Step	**Data**	**Expected Result**
1	State Ready	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
2	Passenger is instructed to scan face	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
3	Face capture on going	Interior Screen: SC0002	System shall: -Face capture on going -Display Screen: SC0002 informing is processing scan face

| 4 | An error occurs calling the service (ResponseCode<>200) | | System shall:
-BCBP_CHECK_end with FAILURE in service call
-Continue to reject transaction |

Reject Transaction		
Step	Data	Expected Result
1	Passenger is instructed to look for assistance	Interior Screen: SC0004	System shall: - Passenger should look for assistance - Display screen SC0004 - Return to Initial state

1.4.5 Test Scenario: GATEUYSISCAPII-946 - External service - Flight number

Summary

Invalid outcome - Passenger rejected		
Step	Data	Expected Result
1	State Ready	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.

2	Passenger is instructed to scan face	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
3	Face capture on going	Interior Screen: SC0002	System shall: -Face capture on going -Display Screen: SC0002 informing is processing scan face
4	An error occurs calling the service (ResponseCode<>200)		System shall: -BCBP_CHECK_end with FAILURE in service call -Continue to reject transaction

Reject Transaction

Step	Data	Expected Result
1	Passenger is instructed to look for assistance	Interior Screen: SC0004	System shall: - Passenger should look for assistance - Display screen SC0004 - Return to Initial state

1.4.6 Test Scenario: GATEUYSISCAPII-938 - Passenger not eligible to use the gate

Summary

Passenger not eligible to use the eGate		
Step	Data	Expected Result
1	State Ready	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
2	Passenger is instructed to scan face	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
3	Face capture on going	Interior Screen: SC0002	System shall: -Face capture on going -Display Screen: SC0002 informing is processing scan face
4	Passenger waits for face match validation		System shall: -Verify face match on PDE -Call a backend service for BCBP validation -Service receives the request from the system

5	Send BCBP code via AEA (protocol) to DCS due to verification (ResponseCode<>200)		System shall: Continue to reject transaction

Reject Transaction			
Step		Data	Expected Result
1	Passenger is instructed to look for assistance	Interior Screen: SC0004	System shall: - Passenger should look for assistance - Display screen SC0004 - Return to Initial state

1.4.7 Test Scenario: GATEUYSISCAPII-937 - Standard Flow

Summary

Standard Flow			
Step		Data	Expected Result
1	Passenger is instructed to scan face	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
2	Face capture on going	Interior Screen: SC0002	System shall: -Face capture on going -Display Screen: SC0002 informing is processing scan face

| 3 | Passenger waits for face match validation | | System shall:
-Verify face match on PDE
-Call a backend service for BCBP validation
-Service receives the request from the system |
| 4 | Send BCBP code via AEA (protocol) to DCS due to verification (ResponseCode=400) | | System shall:
Continue to accept transaction |

Accept Transaction			
Step		Data	Expected Result
1	Passenger is instructed to cross doors	Interior Screen: SC0005	System shall: - Instruct passenger to cross doors - Open doors - Display screen SC0005
2	Passenger cross doors		System shall: -Close doors -Return to initial state

1.4.8 Test Scenario: GATEUYSISCAPII-944 - Gate alarm - Tailgate

Summary

Standard Flow

Step		Data	Expected Result
1	Passenger is instructed to scan face	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
2	Face capture on going	Interior Screen: SC0002	System shall: -Face capture on going -Display Screen: SC0002 informing is processing scan face
3	Passenger waits for face match validation		System shall: -Verify face match on PDE -Call a backend service for BCBP validation -Service receives the request from the system
4	Send BCBP code via AEA (protocol) to DCS due to verification (ResponseCode=400)		System shall: Continue to accept transaction

Passenger crosses doors with another passenger		
Step	Data	Expected Result
1	Two passengers cross the doors	Interior Screen: SC0007	System Shall: -Display Screen SC0007 to notify passenger -The eGate doors are open -Alarm Notification - Tailgate -Proceed with flow

1.4.9 Test Scenario: GATEUYSISCAPII-939 - Standard flow: Service Error

Summary

Passenger not eligible to use the eGate		
Step	Data	Expected Result
1	State Ready	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
2	Passenger is instructed to scan face	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.

3	Face capture on going	Interior Screen: SC0002	System shall: -Face capture on going -Display Screen: SC0002 informing is processing scan face
4	Passenger waits for face match validation		System shall: -Verify face match on PDE -Call a backend service for BCBP validation -Service receives the request from the system
5	Send BCBP code via AEA (protocol) to DCS due to verification (ResponseCode<>200)		System shall: Continue to reject transaction

Reject Transaction		
Step	Data	Expected Result
1	Passenger is instructed to look for assistance	Interior Screen: SC0004	System shall: - Passenger should look for assistance - Display screen SC0004 - Return to Initial state

1.4.10   Test Scenario: GATEUYSISCAPII-942 - Face capture not match

Summary

	Mantrap: Face capture not match		
Step		**Data**	**Expected Result**
1	State Ready	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
2	Passenger is instructed to scan face	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
3	Face capture on going	Interior Screen: SC0002	System shall: -Face capture on going -Display Screen: SC0002 informing is processing scan face
4	Passenger waits for face match validation		System shall: -Verify face match on PDE -Call a backend service for BCBP validation -Service receives the request from the system

| 5 | Send BCBP code via AEA (protocol) to DCS due to verification (ResponseCode<>200) | | System shall:
-Face captured not match
-Continue to reject transaction |

Reject Transaction

Step		Data	Expected Result
1	Passenger is instructed to look for assistance	Interior Screen: SC0004	System shall: - Passenger should look for assistance - Display screen SC0004 - Return to Initial state

1.4.11   Test Scenario: GATEUYSISCAPII-945 - Gate alarm - doors blocked

Summary

Standard Flow

Step		Data	Expected Result
1	Passenger is instructed to scan face	Interior Screen: SC0001	System shall: - Instructing passenger to scan face -Display Screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow in the model -The eGate side illumination are green.
2	Face capture on going	Interior Screen: SC0002	System shall: -Face capture on going -Display Screen: SC0002 informing is processing scan face

Step		Data	Expected Result
3	Passenger waits for face match validation		System shall: -Verify face match on PDE -Call a backend service for BCBP validation -Service receives the request from the system
4	Send BCBP code via AEA (protocol) to DCS due to verification (ResponseCode=400)		System shall: Continue to accept transaction

Accept Transaction without a passenger cross the doors

Step		Data	Expected Result
1	Passenger is instructed to cross doors	Interior Screen: SC0005	System shall: - Instruct passenger to cross doors - Open doors - Display screen SC0005
2	Passenger does not cross the doors until timeout		System shall: -Close doors -Return to initial state

Appendix A: Approval

The undersigned acknowledge they have reviewed the **Test Execution** and agree with the approach it presents. Changes to this **Test Execution** will be coordinated with and approved by the undersigned or their designated representatives.

Signature: **Date:**

_____

Print Name:

_____

Title:

_____

Role:

_____