



GATE-UY-SISCA-P2

Test Plan

Automatic Border Control

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PARTNERS



Test Plan: As a passenger, I want to complete the flow at Automated Border Control, so that I am able to enter the Restricted Area

Version	Date	Changed by	Approved by	Change Details
1.0.1	09/03/2023	Sofia Melo Branco		

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1. 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 automatic border control.
Revision	None
Test Environments	SQA

1.3 Summary

Test Scripts are contained on GATEUYSISCAPII-1004:

Key	Summary	#Tests
GATEUYSISCAPII-1008	Initial state gate	1
GATEUYSISCAPII-1009	Standard Flow Passenger with ePassport	2
GATEUYSISCAPII-1010	StandardFlow Passenger with IdCard	2
GATEUYSISCAPII-1011	Passenger scans an invalid document	2
GATEUYSISCAPII-1012	Passenger not eligible to use the gate	2
GATEUYSISCAPII-1013	Read document failed	2
GATEUYSISCAPII-1014	Standard flow: Service Error	2
GATEUYSISCAPII-1015	Standard flow: Invalid outcome	2
GATEUYSISCAPII-1017	Standard flow: No flights available	2
GATEUYSISCAPII-1018	Passenger is mantrap HIT blacklist accepted	2
GATEUYSISCAPII-1019	Passenger is mantrap and HIT blacklist rejected	2
GATEUYSISCAPII-1020	Passenger is mantrap and face capture matches	2
GATEUYSISCAPII-1021	UY Citizen passenger and face capture does not match	3
GATEUYSISCAPII-1022	Not UY Citizen passenger and face capture does not match	1
GATEUYSISCAPII-1023	Passenger is mantrap and face capture timeout	2
GATEUYSISCAPII-1024	UY Citizen passenger is mantrap and finger print matches	3
GATEUYSISCAPII-1025	UY Citizen passenger is mantrap and finger print does not match	2
GATEUYSISCAPII-1026	UY Citizen is mantrap and finger print timeout	3
GATEUYSISCAPII-1027	Background check: Check document and service call fail	2
GATEUYSISCAPII-1028	Background check: GetBlacklist and service call fail	2
GATEUYSISCAPII-1029	Background check: Ignore HIT and service call fail	2
GATEUYSISCAPII-1030	Background check: Set DNM and service call fail	2
GATEUYSISCAPII-1031	Gate alarm - Tailgate	2

Key	Summary	#Tests
GATEUYSISCAPII-1032	Gate alarm - Multiple faces	1
GATEUYSISCAPII-1033	Gate alarm - Doors blocked	1
GATEUYSISCAPII-1034	Gate alarm - Forced doors	1
GATEUYSISCAPII-1035	Gate alarm - Jump in	1
GATEUYSISCAPII-1036	Gate alarm - Jump out	1
GATEUYSISCAPII-1037	Gate alarm - No one detected	1
GATEUYSISCAPII-1038	Gate alarm - Abandoned objects	1
GATEUYSISCAPII-1039	Gate is out of service	1
GATEUYSISCAPII-1040	One flight is displayed on list of flights to choose	1
GATEUYSISCAPII-1041	The option "None Above" is displayed on list of flights to choose	1

1.4 . Detailed report

1.4.1 Test Scenario: GATEUYSISCAPII-1008 - Initial state gate

Summary

Initial State gate			
Step		Data	Expected Result
1	State Ready	Entry door Screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display Entry door Screen: SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination is green - Display Exit door screen: SC0010

1.4.2 Test Scenario: GATEUYSISCAPII-1009 - Standard Flow Passenger with ePassport

Summary

Passenger scans ePassport			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door Screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display entry door screen: SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination are green - Display exit door screen: SC0010

2	Passenger presents the passport	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the passport is being read - Detect the ePassport - Display a red cross on the eGate semaphore - The eGate side illumination are red - Display exit door screen: SC0010
3	Passenger waits for ePassport validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen Entry door SC0002 informing passenger the document is being read - Call backend service for a validation - Display Exit door screen SC0010
4	Service responds with code: 0	Entry door screen: SC0004 Exit door screen: SC0010	System shall: - Display entry door screen SC0004 to collect document - Display exit door screen SC0010
5	Passenger choose flight	Entry door Screen: SC0005 Exit door screen: SC0010	System shall: - Display entry door screen SC0005 to present the list of flights to be chosen by passenger - Display exit door screen SC0010
6	Passenger cross the entry doors gate	Entry door Screen: SC0006 Exit door screen: SC0010	System shall: - Display screen SC0006 instructing passenger to enter the eGate - Open entry doors gate - Passenger cross the gate - Display exit door SC0010

7	Passenger mantrap	Entry door Screen: SC0019 Exit door Screen: SC0008	System shall: - Display Exit door screen SC0008 instructing passenger for face capture - Face capture on going - Display entry door screen SC0019
8	Face match	Entry door Screen: SC0019 Exit door Screen: SC0012	System shall: - Display Exit door screen SC0012 instructing passenger to wait for decision - Continue to accept transaction - Display entry door screen SC0019
Accept Transaction			
Step		Data	Expected Result
1	Passenger cross the exit doors	Exit door Screen: SC0006 Entry door Screen: SC0019	System shall: - Open exit doors - Display an exit screen SC0006 informing the transaction was successful
2	Return to initial state		System shall: - Close the exit doors - The eGate side illumination is red - Transaction will be reset when a new passenger starts being processed

1.4.3 Test Scenario: GATEUYSISCAPII-1010 - StandardFlow Passenger with IdCard

Summary

Passenger scans ID card			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display screen SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination are green
2	Passenger presents the eID card	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore
3	Passenger waits for eID card validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for a validation
4	Service responds withcode: 0	Entry door screen: SC0004 Exit door screen: SC0010	System shall: - Display list of flights

5	Passenger choose flight	Entry door Screen: SC0005 Exit door screen: SC0010	- Passenger confirms flight number to enter the eGate
6	Passenger cross the entry doors gate	Entry door Screen: SC0006 Exit door screen: SC0010	System shall: - Display screen SC0006 to cross the eGate doors - Open entry doors gate - Passenger cross the gate
7	Passenger mantrap	Entry door Screen: SC0019 Exit door Screen: SC0008	System shall: - Display screen instructing passenger for face capture - Face capture on going
8	Face match	Entry door Screen: SC0019 Exit door Screen: SC0012	System shall: - Display screen SC0012 instructing passenger to wait for decision - Continue to accept transaction
Accept Transaction			
Step		Data	Expected Result
1	Passenger cross the exit doors	Exit door Screen: SC0006 Entry door Screen: SC0019	System shall: - Open the exit doors - Display the screen SC0006 informing the transaction was successful
2	Return to initial state		System shall: - Close the exit doors - The eGate side illumination is red - Transaction will be reset when a new passenger starts being processed

1.4.4 Test Scenario: GATEUYSISCAPII-1011 - Passenger scans an invalid document

Summary

Passenger scans an invalid document			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door Screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display entry door screen: SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination is green - Display exit door screen: SC0010
2	Passenger places the invalid document in the reader	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore - The eGate side illumination is red - Display exit door screen: SC0010
3	Passenger waits for a document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display entry door screen SC0002 informing passenger the document is being read - Call backend service for a validation - Display exit door screen SC0010

4	Service responds with code that is different from 0	Entry door screen: SC0004 Exit door screen: SC0010	System shall: - Display entry door screen SC0004 to collect document - Display exit door screen SC0010
5	Passenger is asked for a retry	Entry door screen: SC0003 Exit door screen: SC0010	System shall: - Display entry door screen SC0003 to retry - Display exit door screen SC0010 System shall ask for the number of retries that is defined until the passenger is rejected
6	Passenger presents the document	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore - The eGate side illumination is red - Display exit door screen: SC0010
7	Passenger waits for document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen Entry door SC0002 informing passenger the document is being read - Call backend service for a validation - Display Exit door screen SC0010

8	Service responds with a code different from 0	Entry door screen: SC0004 Exit door screen: SC0010	System shall: - Display entry door screen SC0004 to collect document - Display exit door screen SC0010
9	Passenger is rejected	Entry door screen SC0007 Exit door screen SC0010	System shall: - Display entry door screen SC0007 to collect document - Display exit door screen SC0010 - Continue to reject transaction
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: - Remain with the exit doors closed - Instruct to exit gate through the entry doors - Display a exit door screen SC0018 informing the transaction failed and instruct to exit gate entry doors - Display entry door screen SC0019

1.4.5 Test Scenario: GATEUYSISCAPII-1012 - Passenger not eligible to use the gate

Summary

Passenger not eligible to use the eGate			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door Screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display Entry door screen SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination is green - Display Exit door screen SC0010
2	Passenger not eligible to use the gate places the document in the reader	Entry door Screen: SC0002 Exit door screen: SC0010	System shall: - Display entry door screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore - Display exit door screen SC0010
3	Passenger waits for a document validation	Entry door Screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for a validation - Display exit door screen SC0010

4	Service responds with code: different from 0	Entry door Screen: SC0003 Exit door screen: SC0010	System shall: -Continue to reject transaction.
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: - Remain with the exit doors closed - Instruct to exit gate through the entry doors - Display a exit door screen SC0018 informing the transaction failed and instruct to exit gate entry doors - Display entry door screen SC0019

1.4.6 Test Scenario: GATEUYSISCAPII-1013 - Read document failed

Summary

Read document failed			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door Screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display Entry door screen SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination is green - Display Exit door screen SC0010
2	Passenger eligible to use the gate places the document in the reader	Entry door Screen: SC0002 Exit door screen: SC0010	System shall: - Display Entry door screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore - Exit door screen: SC0010
3	Passenger waits for the document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for a validation
4	Service responds with code: different from 0		System shall: - Continue to reject transaction due to read failure

Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: - Remain with the exit doors closed - Instruct the passenger to exit the gate through the entry doors - Display a screen SC0018 informing the transaction failed and instruct to exit gate entry doors

1.4.7 Test Scenario: GATEUYSISCAPII-1014 - Standard flow: Service Error

Summary

Standard flow: Service Error			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display entry door screen SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination is green
2	Passenger eligible to use the gate places the document in the reader	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore

3	Passenger waits for the document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for a validation
4	No reply from external service		System shall: - Continue to reject transaction due to no external service response
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: - Remain with the exit doors closed - Instruct to exit gate entry doors - Display an exit door screen SC0018 informing the transaction failed and instruct to exit gate entry doors - Display entry door screen SC0019

1.4.8 Test Scenario: GATEUYSISCAPII-1015 - Standard flow: Invalid outcome

Summary

Standard flow: Invalid outcome			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display entry door screen SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination are green
2	Passenger eligible to use the gate places the document in the reader	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore
3	Passenger waits for the document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for a validation

4	Service responds with code different from 0		System shall: -Continue to reject transaction due passenger rejected by backend system
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: - Remain with exit doors closed - Instruct the passenger to exit gate through the entry doors - Display a exit door screen SC0018 informing the transaction failed and instruct to exit gate entry doors - Display entry door screen SC0019

1.4.9 Test Scenario: GATEUYSISCAPII-1017 - Standard flow: No flights available

Summary

Standard flow: No flights available			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display entry door screen SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination is green
2	Passenger eligible to use the gate places the document in the reader	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore
3	Passenger waits for the document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for the validation

4	Service responds with code different from 0		System shall: -Continue to reject transaction due to no flights being available
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: - Remain with the exit doors closed - Instruct the passenger to exit the gate through the entry doors - Display a exit door screen SC0018 informing the transaction failed and instruct to exit gate entry doors - Display entry door screen SC0019

1.4.10 Test Scenario: GATEUYSISCAPII-1018 - Passenger is mantrap HIT blacklist accepted

Summary

Mantrap: HIT blacklist accepted			
Step		Data	Expected Result
1	Passenger mantrap	Exit door Screen: SC0008 Entry door Screen: SC0019	System shall: - Display screen instructing passenger for face capture - Face capture on going

2	Officer receives a notification Blacklist Hit		System shall: - Display a notification to the officer informing Blacklist HIT in Inspector
3	Officer accept transaction		System shall: - Proceed to face capture process flow - Officer accept HIT - Continue to accept transaction
Accept Transaction			
Step		Data	Expected Result
1	Passenger cross the exit doors	Exit door Screen: SC0006 Entry door Screen: SC0019	System shall: - Open the exit doors - Display a screen SC0006 informing the transaction was successful
2	Return to initial state		System shall: - The exit doors are closed - The eGate side illumination is red - Passenger will be reset when a new passenger starts being processed

1.4.11 Test Scenario: GATEUYSISCAPII-1019 - Passenger is mantrap and HIT blacklist rejected

Summary

Mantrap: HIT blacklist Rejected			
Step		Data	Expected Result
1	Passenger mantrap	Exit door Screen: SC0008 Entry door Screen: SC0019	System shall: - Display screen instructing passenger for face capture - Face capture on going
2	Officer receive a notification Blacklist Hit		System shall: - Display a notification to the officer informing Blacklist HIT in Inspector
3	Officer reject transaction		System shall: - Officer reject HIT - Continue to reject transaction
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: - Remain with the exit doors closed - Instruct the passenger to exit gate through the entry doors - Display a exit door screen SC0018 informing the transaction failed and instruct to exit gate through entry doors - Display entry door screen SC0019

1.4.12 Test Scenario: GATEUYSISCAPII-1020 - Passenger is mantrap and face capture matches

Summary

Mantrap: Facecapture match			
Step		Data	Expected Result
1	Passenger mantrap	Exit door Screen: SC0008 Entry door Screen: SC0019	System shall: - Display screen instructing passenger for face capture - Face capture on going
2	Face match	Interior Screen: SC0012	System shall: - Display screen SC0012 instructing passenger to wait for decision - Continue to accept transaction
Accept Transaction			
Step		Data	Expected Result
1	Passenger cross the exit doors	Exit door Screen: SC0006 Entry door Screen: SC0019	System shall: - Open the exit doors - Display a screen SC0006 informing the transaction was successful
2	Return to initial state		System shall: - Close the exit doors - The eGate side illumination is red - Passenger will be reset when a new passenger starts being processed

1.4.13 Test Scenario: GATEUYSISCAPII-1021 - UY Citizen passenger and face capture does not match

Summary

Mantrap: UY Citizen - Face capture does not match			
Step		Data	Expected Result
1	Passenger mantrap	Exit door Screen: SC0008 Entry door Screen: SC0019	System shall: - Display screen SC0008 instructing passenger for face capture - Face capture on going
2	Face not match	Exit door Screen: SC0013 Entry door Screen: SC0019	System Shall: - Display SC0013 Request fingerprint scan
UY Citizen - Finger print			
Step		Data	Expected Result
1	Mantrap	Exit door Screen: SC0013 Entry door Screen: SC0019	System shall: - Display screen SC0013 informing the passenger for finger print scan
2	Passenger scans the fingerprint	Exit door Screen: SC0012 Entry door Screen: SC0019	System shall: - Display screen SC0012 informing that the scanning is in progress - Detect finger print and send OK answer to the system - Continue to Accept Transaction
Accept Transaction			
Step		Data	Expected Result

1	Passenger cross the exit doors	Exit door Screen: SC0006 Entry door Screen: SC0019	System shall: - Open the exit doors - Display a screen SC0006 informing the transaction was successful
2	Return to initial state		System shall: - Close the exit doors - The eGate side illumination is red - Passenger will be reset when a new passenger start being processed

1.4.14 Test Scenario: GATEUYSISCAPII-1022 - Non UY Citizen passenger and face capture does not match

Summary

Mantrap: NOT UY Citizen - Face capture not match			
Step		Data	Expected Result
1	Passenger mantrap	Exit door Screen: SC0008 Entry door Screen: SC0019	System shall: - Display screen SC0008 instructing passenger for face capture - Face capture on going
2	Face not match	Exit door Screen: SC0013 Entry door Screen: SC0019	System Shall: - Request for the officer decision Inspector: - Send a query decision to the Officer, he must decide to reject or proceed with transaction

1.4.15 Test Scenario: GATEUYSISCAPII-1023 - Passenger is mantrap and face capture timeout

Summary

Mantrap:Face capture Timeout			
Step		Data	Expected Result
1	Passenger mantrap	Exit door Screen: SC0008 Entry door Screen: SC0019	System shall: - Display screen SC0008 instructing passenger for face capture - Face capture on going
2	Face is not captured until timeout		System Shall: - After 5 seconds request passenger to retry the face capture - Display message instructing the passenger to look at the camera for the retry - Continue to reject transaction
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: - Remain with the exit doors closed - Instruct the passenger to exit gate through the entry doors - Display a screen SC0018 informing the transaction failed and instruct to exit gate through the entry doors

1.4.16 Test Scenario: GATEUYSISCAPII-1024 - UY Citizen passenger is mantrap and finger print matches

Summary

Mantrap: UY Citizen - Face capture does not match			
Step		Data	Expected Result
1	Passenger mantrap	Exit door screen: SC0008 Entry door screen: SC0019	System shall: - Display exit door screen SC0008 instructing passenger for face capture - Face capture on going - Display entry door screen SC0019
2	Face does not match	Exit door screen: SC0013 Entry door screen: SC0019	System Shall: - Display Exit door screen SC0013 Request fingerprint match - Display Entry door screen SC0019
Mantrap: UY Citizen - FingerPrint match-ok			
Step		Data	Expected Result
1	Passenger mantrap	Interior Screen: SC0008	System shall: - Display screen SC0008 instructing passenger for face capture - Face capture on going
2	Passenger pose for face capture	Interior Screen: SC0012	System Shall: - Face capture on going
3	Face captured does not match	Interior Screen: SC0013	System Shall: - Display screen SC0013 requesting fingerprint scan

4	Fingerprint capture	Interior Screen: SC0013	System Shall: - Display screen instructing passenger to scan fingerprint
5	Passenger places thumbnail for fingerprint scan	Interior Screen: SC0012	System Shall: - Display message notifying that the fingerprint scan process is on going
6	Fingerprint match		System shall: - Proceed to accept transaction
Accept Transaction			
Step		Data	Expected Result
1	Passenger cross the exit doors	Exit door Screen: SC0006	System shall: - Doors Open - Display a screen SC0006 informing the transaction was successful
2	Return to initial state		System shall: - Close the exit doors - The eGate side illumination is red - Passenger will be reset when a new passenger starts being processed

1.4.17 Test Scenario: GATEUYSISCAPII-1025 - UY Citizen passenger is mantrap and finger print does not match

Summary

Mantrap: NOT UY Citizen - Face capture not match			
Step		Data	Expected Result
1	Passenger mantrap	Exit door screen: SC0008 Entry door screen: SC0019	System shall: - Display screen SC0008 instructing passenger for face capture - Face capture on going
2	Face does not match		System Shall: - Request for the officer decision Inspector: - Send a query decision to the Officer, he must decide to reject or proceed with transaction
Mantrap: UY Citizien - FingerPrint check - does not match			
Step		Data	Expected Result
1	Passenger mantrap	Interior Screen: SC0008	System shall: - Display screen SC0008 instructing passenger for face capture - Face capture on going
2	Passenger pose for face capture		System Shall: - Face capture on going
3	Face captured not match	Exit door Screen: SC0013 Entry door Screen: SC0019	System Shall: - Display SC0013 Request fingerprint scan

4	Fingerprint capture	Exit door Screen: SC0013 Entry door Screen: SC0019	System Shall: - Display screen instructing passenger to scan fingerprint
5	Passenger places thumbnail for fingerprint scan	Interior Screen: SC0012	System Shall: - Display message notifying the scan fingerprint process is on going
6	Fingerprint check NOTOK		System Shall: - Request for the officer decision Inspector: - Send a query decision to the Officer, he must decide to reject or proceed with transaction

1.4.18 Test Scenario: GATEUYSISCAPII-1026 – UY Citizen is mantrap and finger print timeout

Summary

Mantrap: UY Citizen – Face capture does not match

Step	Data	Expected Result
1	Passenger mantrap Exit door screen: SC0008 Entry door screen: SC0019	System shall: - Display exit door screen SC0008 instructing passenger for face capture - Face capture on going - Display entry door screen SC0019

2	Face does not match	Exit door screen: SC0013 Entry door screen: SC0019	System Shall: - Display Exit door screen SC0013 Request fingerprint match - Display Entry door screen SC0019
Mantrap:Face capture Timeout			
Step		Data	Expected Result
1	Passenger mantrap	Exit door Screen: SC0008 Entry door Screen: SC0019	System shall: - Display screen SC0008 instructing passenger for face capture - Face capture on going
2	Face is not captured until timeout		System Shall: - After 5 seconds request passenger to retry face capture - Display message instructing passenger to look at the camera for retry - Continue to reject transaction
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: - Remain with the Exit doors closed - Instruct the passenger to exit gate through the entry doors - Display a exit door screen SC0018 informing the transaction failed and instruct to exit gate entry doors - Display entry door screen SC0019

1.4.19 Test Scenario: GATEUYSISCAPII-1027 - Background check: Check document and service call fail

Summary

Background check: CheckDocument service call failure			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display screen SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination is green
2	Passenger eligible to use the gate places the document in the reader	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore
3	Passenger waits for the document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for a validation

4	Service responds with code different from 0	Entry door screen: SC0004 Exit door screen: SC0010	System shall: -Continue to reject transaction due to service call failure
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: -Remain with exit doors closed -Instruct the passenger to exit gate through the entry doors -Display a exit door screen SC0018 informing the transaction failed and instruct to exit gate entry doors -Display entry door screen SC0019

1.4.20 Test Scenario: GATEUYSISCAPII-1028 - Background check: GetBlacklist and service call fail

Summary

Background check:service call failure -GetBlacklist service			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Interior Entry door screen: SC0001 Exit door screen: SC0010: SC0001	System shall: - Instruct passenger to scan document - Display screen SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination is green
2	Passenger eligible to use the gate places the document in the reader	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore
3	Passenger waits for the document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for a validation

4	Service responds with code different from 0		System shall: -Continue to reject transaction due to GetBlacklist service call failure
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: -Remain with the exit doors closed -Instruct the passenger to exit the gate entry doors -Display a exit door screen SC0018 informing the transaction failed and instruct to exit gate entry doors -Display entry door screen SC0019

1.4.21 Test Scenario: GATEUYSISCAPII-1029 - Background check:Ignore HIT and service call fail

Summary

Background check:service call failure - IgnoreHIT			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display screen SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination is green
2	Passenger eligible to use the gate places the document in the reader	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore
3	Passenger waits for a document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for a validation

4	Service responds with code different from 0		System shall: -Continue to reject transaction due to IgnoreHit call failure
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Exit Door Screen: SC0018 Entry Door Screen: SC0019	System shall: - Remain with the exit doors closed - Instruct the passenger to exit gate through the entry doors - Display an exit door screen SC0018 informing the transaction failed and instruct to exit gate entry doors -Display entry door screen SC0019

1.4.22 Test Scenario: GATEUYSISCAPII-1030 - Background check: Set DNM and service call fail

Summary

Background check:service call failure -Set DNM			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document -Display screen SC0001 -The eGate doors are closed -The eGate semaphore shows a green arrow -The eGate side illumination is green
2	Passenger eligible to use the gate places the document in the reader	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore
3	Passenger waits for the document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for a validation

4	Service responds with code different from 0		System shall: -Continue to reject transaction due to service call failure
Reject Transaction			
Step		Data	Expected Result
1	Passenger does not cross the exit doors	Entry Door Screen: SC0018	System shall: - Remain with the exit doors closed - Instruct the passenger to exit gate through the entry doors - Display a screen SC0018 informing the transaction failed and instruct to exit gate entry doors

1.4.23 Test Scenario: GATEUYSISCAPII-1031 - Gate alarm - Tailgate

Summary

Gate alarm - Tailgate			
Step		Data	Expected Result
1	More than one passenger cross the gate entry doors	Entry Door Screen: SC0017	System shall: - Send a query decision to the Officer, he must decide to reject or proceed with transaction - Officer is notified with a tailgate icon alarm - Tailgate alarm threw inspector

1.4.24 Test Scenario: GATEUYSISCAPII-1032 - Gate alarm - Multiple faces

Summary

Gate alarm Multiple Faces			
Step		Data	Expected Result
1	Multiple faces detected during face capture		System shall: - Send an alarm threw inspector - Send a query decision to the Officer, he must decide to reject or proceed with transaction

1.4.25 Test Scenario: GATEUYSISCAPII-1033 - Gate alarm - Doors blocked

Summary

Gate alarm - Doors blocked			
Step		Data	Expected Result
1	Passenger blocks the eGate doors	Entry Door Screen: SC0016	<p>System shall:</p> <ul style="list-style-type: none"> - Display screen SC0016 to inform about blocked doors - Display an alarm to notify passenger - The eGate doors are open - Continue to reject transaction <p>Inspector:</p> <ul style="list-style-type: none"> - Officer is notified with a blocked doors icon alarm - Blocked doors message

1.4.26 Test Scenario: GATEUYSISCAPII-1034 - Gate alarm - Forced doors

Summary

Gate alarm - Forced doors			
Step		Data	Expected Result
1	Alarm could be displayed at any time during the workflow	Entry Door Screen: SC0016	<p>System shall:</p> <ul style="list-style-type: none"> - Display screen SC0016 blocked doors alarm until doors are not forced anymore - Reject transaction by decision <p>Inspector:</p> <ul style="list-style-type: none"> - Send a query decision to the Officer, he must decide to reject or proceed with transaction

1.4.27 Test Scenario: GATEUYSISCAPII-1035 - Gate alarm - Jump in

Summary

Gate alarm - Jump in			
Step		Data	Expected Result
1	Alarm could be displayed at any time during the workflow		System shall: - Send an alarm in Inspector

1.4.28 Test Scenario: GATEUYSISCAPII-1036 - Gate alarm - Jump out

Summary

Gate alarm - Jump out			
Step		Data	Expected Result
1	Alarm could be displayed at any time during the workflow		System shall: - Send an alarm in Inspector

1.4.29 Test Scenario: GATEUYSISCAPII-1037 - Gate alarm - No one detected

Summary

Gate alarm - No one detected			
Step		Data	Expected Result
1	No one cross the eGate entry door		System shall: - Keep the eGate doors open Inspector: - Officer is notified with "no one detected" icon alarm - No passenger crossing message

1.4.30 Test Scenario: GATEUYSISCAPII-1038 - Gate alarm - Abandoned objects

Summary

Gate alarm abandoned objects			
Step		Data	Expected Result
1	Passenger cross the exit doors gate		System shall: - Keep exit gate doors open

2	Passenger cross the exit doors gate and left an object	Exit Door Screen: SC0015	System shall: - Display screen SC0015 Abandoned object - Display an alarm to notify passenger after 3 seconds - The exit doors remain open Inspector: - Alarm raised
3	Passenger collects the abandoned object	Entry Door Screen: SC0006 Entry Door Screen: SC0019	System shall: - Display message informing passenger to leave the gate - The exit doors remain open
4	Passenger cross the exit gate		System shall: - Display message to inform passenger to leave the gate - Return to initial state

1.4.31 Test Scenario: GATEUYSISCAPII-1039 - Gate is out of service

Summary

Standard flow: Service Error			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door screen: SC0001 Exit door screen: SC0010	System shall: - Instructing passenger to scan document - Display screen SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination is green
2	Passenger eligible to use the gate places the document in the reader	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore
3	Passenger waits for the document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for the validation
4	No reply from external service	Entry Door Screen: SC0003	System shall: Continue to reject transaction due to no external service response

1.4.32 Test Scenario: GATEUYSISCAPII-1040 - One flight is displayed on list of flights to choose

Summary

List of flights to choose - one flight displayed			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door screen: SC0001 Exit door screen: SC0010	System shall: - Display screen SC0001 instructing passenger to scan document - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination are green
2	Passenger presents the document	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore
3	Passenger waits for document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for the validation
4	Service responds with code: 0	Entry door screen: SC0004 Exit door screen: SC0010	System shall: - Display a screen SC0004 to collect document
5	Passenger choose list of flight to choose -one flight displayed	Entry door Screen: SC0005 Exit door screen: SC0010	System shall: - Display screen SC0005 to present the list of flights to be chosen by passenger

1.4.33 Test Scenario: GATEUYSISCAPII-1041 - The option "None Above" is displayed on list of flights to choose

Summary

List of flights to choose - Select option None Above			
Step		Data	Expected Result
1	Passenger is instructed to present the document	Entry door screen: SC0001 Exit door screen: SC0010	System shall: - Instruct passenger to scan document - Display screen SC0001 - The eGate doors are closed - The eGate semaphore shows a green arrow - The eGate side illumination is green
2	Passenger presents the document	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Detect the document - Display a red cross on the eGate semaphore
3	Passenger waits for document validation	Entry door screen: SC0002 Exit door screen: SC0010	System shall: - Display screen SC0002 informing passenger the document is being read - Call backend service for a validation
4	Service responds with code 0	Entry door screen: SC0004 Exit door screen: SC0010	System shall: - Display a screen SC0004 to collect document

5	Passenger choose the option None above	Entry Door Screen: SC0005 Exit door screen: SC0010	System shall: - Display a message instructing passenger to look for assistance - Continue to reject transaction
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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:
