**Testing and Validation – SCP**

**December 16, 2022**

Content

[1.4 Detailed report 5](#_Toc122072783)

[**1.4.1 Test Scenario: GATEUYSISCAPII-1075- Standard Flow** 5](#_Toc122072784)

[**1.4.2 Test Scenario: GATEUYSISCAPII-1076 - Boarding Pass Invalid (valid barcode)** 8](#_Toc122072785)

[**1.4.3 Test Scenario: GATEUYSISCAPII-1077 - Flight Validation 1: Departure flight MVD + flight date today** 11](#_Toc122072786)

[**1.4.4 Test Scenario: GATEUYSISCAPII-1078 - Flight Validation 2: Departure flight MVD + flight date tomorrow** 14](#_Toc122072787)

[**1.4.5 Test Scenario: GATEUYSISCAPII-1079 - Flight Validation 3: Departure flight MVD + flight date yesterday** 17](#_Toc122072788)

[**1.4.6 Test Scenario: GATEUYSISCAPII-1080 - Flight Validation 4: Departure flight not MVD + flight date today** 20](#_Toc122072789)

[**1.4.7 Test Scenario: GATEUYSISCAPII-1081 - Flight Validation 5: Departure flight not MVD + flight date tomorrow** 23](#_Toc122072790)

[**1.4.8 Test Scenario: GATEUYSISCAPII-1082 - Flight Validation 6: Departure flight not MVD + flight date yesterday** 26](#_Toc122072791)

[**1.4.9 Test Scenario: GATEUYSISCAPII-1083 - Flight Validation 7: Departure flight MVD + flight date NULL** 29](#_Toc122072792)

[**1.4.10 Test Scenario: GATEUYSISCAPII-1084 - Flight Validation 8: Departure flight not MVD + flight date NULL** 32](#_Toc122072793)

[**1.4.11 Test Scenario: GATEUYSISCAPII-1085 - Flight Validation 9: Departure NULL+ flight date today** 35](#_Toc122072794)

[**1.4.12 Test Scenario: GATEUYSISCAPII-1086 - Flight Validation 10: Departure NULL+ flight date tomorrow** 38](#_Toc122072795)

[**1.4.13 Test Scenario: GATEUYSISCAPII-1087 - Flight Validation 11: Departure NULL+ flight date yesterday** 41](#_Toc122072796)

[**1.4.14 Test Scenario: GATEUYSISCAPII-1088 - Flight Validation 12: Departure NULL+ flight date NULL** 44](#_Toc122072797)

[**1.4.16 Test Scenario: GATEUYSISCAPII-1090 - Gate alarm - Tailgate** 47](#_Toc122072798)

[**1.4.17 Test Scenario: GATEUYSISCAPII-1091 - Gate alarm - Doors Blocked** 51](#_Toc122072799)

[**1.4.18 Test Scenario: GATEUYSISCAPII-1092 - Gate alarm - Forced doors** 55](#_Toc122072800)

[**1.4.19 Test Scenario: GATEUYSISCAPII-1093 - Gate alarm - No one detected** 56](#_Toc122072801)

[1.4.20 Other test cases 59](#_Toc122072802)

[**1.4.20.1 Open and close the eGate doors from the inspector.** 59](#_Toc122072803)

[**1.4.20.2 Opening the eGate doors from the inspector.** 60](#_Toc122072804)

[**1.4.20.3 Restarting the gateway from the inspector** 61](#_Toc122072805)

[**1.4.20.4 Abandoned object alarm** 62](#_Toc122072806)

[**1.4.20.5 Person standing on the other side of the door where the sensor is located** 66](#_Toc122072807)

[**1.4.20.6 NULL flight destination + date of today's flight** 68](#_Toc122072808)

[**1.4.20.7 Numeric flight destination + today's flight date** 70](#_Toc122072809)

[**1.4.20.8 Flight destination consisting of special characters + today's flight date** 72](#_Toc122072810)

[**1.4.20.9 Destination consisting of four characters+ date of today's flight** 74](#_Toc122072811)

[**1.4.20.10 Destination composed of two characters + today's flight date** 76](#_Toc122072812)

[**1.4.20.11 Origin composed of two characters + today's flight date** 78](#_Toc122072813)

[**1.4.20.12 Origin composed of four characters + today's flight date** 80](#_Toc122072814)

[**1.4.20.13 Origin formed by numbers + today's flight date** 82](#_Toc122072815)

[**1.4.20.14 Origin consisting of special characters+ today's flight date** 84](#_Toc122072816)

[**1.4.20.15 Flight code null+today's flight date** 86](#_Toc122072817)

[**1.4.20.16 Numeric flight code+today's flight date** 88](#_Toc122072818)

[**1.4.20.17 Alphabetical flight code + today's flight date** 90](#_Toc122072819)

[**1.4.20.18 Flight code made up of special characters + date of today's flight** 92](#_Toc122072820)

[**1.4.20.19 Scan boarding with flight code under 8 characters** 94](#_Toc122072821)

[**1.4.20.20 Scan boarding with a flight code longer than 8 characters** 96](#_Toc122072822)

[**1.4.20.21 Scan boarding with a flight seat more than 4 characters long** 98](#_Toc122072823)

[**1.4.20.22 Scan boarding with a flight seat less than 4 characters long** 100](#_Toc122072824)

[**1.4.20.23 Scan boarding with a seat with alphabetical value** 102](#_Toc122072825)

[**1.4.20.24 Scan boarding with a seat with a value equal to special characters** 104](#_Toc122072826)

[**1.4.20.25 Scan boarding with a seat with a value equal to only numbers** 106](#_Toc122072827)

[**1.4.20.26 Scan boarding for an already boarded passenger** 108](#_Toc122072828)

[**1.4.20.27 Scan boarding of a passenger with the same seat as another passenger who does not confirm boarding** 110](#_Toc122072829)

[1.4.21 Annexes 112](#_Toc122072830)

[**Annex A** 112](#_Toc122072831)

Control sheet

|  |  |  |  |
| --- | --- | --- | --- |
| **Organization** | EC Solutions | | |
| **Deliverable** | Testing and Validation – SCP | | |
| **Author** | Testing | | |
| **Version/Edition** | 0100 | **Date Version** | 16/12/2022 |
| **Approved by** |  | **Date of Approval** |  |
|  |  | **Total number of pages** | 113 |

Change log

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Cause of Change** | **Responsible for Change** | **Date of Change** |
| 0100 | Initial version | Ailyn del Pino Acosta | 22/11/2022 |

Distribution control

|  |
| --- |
| **First and last names** |
| Ailyn del Pino Acosta |

# Detailed report

## **1.4.1 Test Scenario: GATEUYSISCAPII-1075- Standard Flow**

**Sumary**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Description** | **Data** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | -Should the barcode reader's LED light green when it detects boarding? | High | true | Vision-Box |
| 3 | Passenger waits for barcode validation |  | System shall:  -Do a request to Service with Boarding pass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": 0 | {  "code": 0  "idTransactionEP": 0,  "message": "Boarding correcto"  } | System shall:  Continue to accept transaction |  |  |  |  |  |
| **Step** | **Description** | **Data** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed to cross doors | Interior Screen: SC0005 | System shall:  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005 | System shall:  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005 |  |  | true |  |
| 2 | Passenger cross doors |  | System shall:  -Close doors  -Return to initial state | System shall:  -Close doors  -Display screen SC0006  -Return to initial state | What message should the inspector display? | High | false | Vision-Box |

## **1.4.2 Test Scenario: GATEUYSISCAPII-1076 - Boarding Pass Invalid (valid barcode)**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans an invalid Boarding Pass** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Invalid boarding pass with origin other than MVD | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  | -Should the barcode reader's LED light green when it detects boarding? | High | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 |  | -What should the system do when faced with an invalid barcode?  -What message should appear on the inspector in both cases? | Medium | true |  |

## **1.4.3 Test Scenario: GATEUYSISCAPII-1077 - Flight Validation 1: Departure flight MVD + flight date today**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a Boarding Pass for the current date** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | valid boarding pass | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  | -Should the barcode reader's LED light green when it detects boarding? | High | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": 0 | {  "code": 0  "idTransactionEP": 0,  "message": "Boarding correcto"  } |  | System shall:  Continue to accept transaction |  |  |  |  |  |
| **Accept transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed to cross doors | Interior Screen: SC0005 |  | System shall:  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005 | System shall:  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005 |  |  | true |  |
| 2 | Passenger cross doors |  |  | System shall:  -Close doors  -Return to initial state | System shall:  -Close doors  -Display screen SC0006  -Return to initial state | What message should the inspector display? | High | false |  |

## **1.4.4 Test Scenario: GATEUYSISCAPII-1078 - Flight Validation 2: Departure flight MVD + flight date tomorrow**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass for the day after** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding pass with tomorrow's date (more than 8 hours difference with respect to the flight). | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | The system shall:  -No SC0002 screen is displayed informing the passenger that the BCBP is being read.  -The boarding pass is not detected. |  | High | false | ECSolutions |
| Boarding pass with tomorrow's date (less than 8 hours difference with respect to the flight). | UNTESTED |  |  |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | System shall:  -Passenger should look for assistance  -SC0004 screen is not displayed  -Return to Initial state | What message should the inspector display? | High | false |  |

## **1.4.5 Test Scenario: GATEUYSISCAPII-1079 - Flight Validation 3: Departure flight MVD + flight date yesterday**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass for the day before** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding pass dated yesterday | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  |  | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | System shall:  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What message should the inspector display?  -What message should the inspector display when a flight is rescheduled? | High | true |  |

## **1.4.6 Test Scenario: GATEUYSISCAPII-1080 - Flight Validation 4: Departure flight not MVD + flight date today**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass for a non-MVD departure day today's date** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding pass for a departure other than MVD and today's date | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  |  | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | System shall:  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005 |  | High | false |  |
| 2 |  |  |  |  | System shall:  -Close doors  -Display screen SC0006  -Return to initial state | What message should the inspector display? |  |  |  |

## **1.4.7 Test Scenario: GATEUYSISCAPII-1081 - Flight Validation 5: Departure flight not MVD + flight date tomorrow**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass for a non MVD departure day after departure date** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding pass for a non-MVD departure one day after departure date | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | The system shall:  -No SC0002 screen is displayed informing the passenger that the BCBP is being read.  -The boarding pass is not detected. |  | High | false | ECSolutions |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | System shall:  -Passenger should look for assistance  -SC0004 screen is not displayed  -Return to Initial state | -What message should the inspector display?  -Does the departure not validate here? | High | false |  |

## **1.4.8 Test Scenario: GATEUYSISCAPII-1082 - Flight Validation 6: Departure flight not MVD + flight date yesterday**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass for a non MVD departure before departure date** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding pass for a non-MVD departure one day prior to departure date | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  |  | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | System shall:  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What message should the inspector display?  -Does the departure not validate here? | High | true |  |

## **1.4.9 Test Scenario: GATEUYSISCAPII-1083 - Flight Validation 7: Departure flight MVD + flight date NULL**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass without flight date** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding pass without flight date | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  |  | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | System shall:  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What message should the inspector display? | High | true |  |

## **1.4.10 Test Scenario: GATEUYSISCAPII-1084 - Flight Validation 8: Departure flight not MVD + flight date NULL**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass non MVD departure and without flight date** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding pass non MVD departure and without flight date | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  |  | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | System shall:  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What message should the inspector display?  -Does the departure not validate here? | High | true |  |

## **1.4.11 Test Scenario: GATEUYSISCAPII-1085 - Flight Validation 9: Departure NULL+ flight date today**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a Boarding Pass NULL departure for the current day** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding Pass NULL departure for the current day | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  |  | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | System shall:  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005 |  | High | false |  |
| 2 |  |  |  |  | System shall:  -Close doors  -Display screen SC0006  -Return to initial state | What message should the inspector display? | High |  |  |

## **1.4.12 Test Scenario: GATEUYSISCAPII-1086 - Flight Validation 10: Departure NULL+ flight date tomorrow**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a Boarding Pass NULL departure for the day after** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding Pass NULL departure for the day after | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | The system shall:  -No SC0002 screen is displayed informing the passenger that the BCBP is being read.  -The boarding pass is not detected. |  | High | false | ECSolutions |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | System shall:  -Passenger should look for assistance  -SC0004 screen is not displayed  -Return to Initial state | -What message should the inspector display?  -Does the departure not validate here? | High | false |  |

## **1.4.13 Test Scenario: GATEUYSISCAPII-1087 - Flight Validation 11: Departure NULL+ flight date yesterday**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a Boarding Pass NULL departure for the day before** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding Pass NULL departure for the day before | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  |  | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | System shall:  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What message should the inspector display?  -Does the departure not validate here? | High | true |  |

## **1.4.14 Test Scenario: GATEUYSISCAPII-1088 - Flight Validation 12: Departure NULL+ flight date NULL**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a Boarding Pass NULL departure and flight date NULL** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding Pass NULL departure and flight date NULL | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  |  | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": different from 0 |  |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | System shall:  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What message should the inspector display?  -Does the departure not validate here? | High | true |  |

## **1.4.16 Test Scenario: GATEUYSISCAPII-1090 - Gate alarm - Tailgate**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a Boarding Pass for the current date** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding Pass for the current date | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  |  | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": 0 | {  "code": 0,  "idTransactionEP": 0,  "message": "Boarding correcto"  } |  | System shall:  Continue to reject transaction |  |  |  |  |  |
| **Alarm Tailgate Passenger crosses doors with another passenger** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Two passengers cross the doors | Interior Screen: SC0005 |  | System Shall:  -Display Screen SC0005  -The eGate doors are open  -Display in Inspector Tailgate Icon and message  -Continue to Reject transaction | System Shall:  -Display Screen SC0005  -The eGate doors are open  -Two passengers cross the doors  -Display in Inspector Tailgate Icon and message  -Continue to Reject transaction |  |  | true |  |
| **Reject transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 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 | -Passenger is not prompted to seek assistance.  -Screen SC0004 is not displayed  -Return to Initial state | What message should the inspector display? |  | false |  |

## **1.4.17 Test Scenario: GATEUYSISCAPII-1091 - Gate alarm - Doors Blocked**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a Boarding Pass for the current date** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | Boarding Pass for the current date | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  |  | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": 0 | {  "code": 0,  "idTransactionEP": 0,  "message": "Boarding correcto"  } |  | System shall:  System shall:  -Continue to accept transaction |  |  |  |  |  |
| **Alarm Passenger Block Doors** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger triggers Block Doors  Alarm | Interior Screen: SC0005 |  | System Shall:  -Display Screen SC0005 to notify passenger  -The eGate doors are open  -Display in Inspector Blocked doors icon alarm and message  -Continue to Accept transaction | System Shall:  -Display Screen SC0005 to notify passenger  -The eGate doors are open  -Passenger crosses through the doors and stands where the sensors are  -Display in Inspector Blocked doors icon alarm and message  -Continue to Accept transaction | What message should the inspector display? | Medium | true |  |
| **Accept transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed to cross  doors | Interior Screen: SC0005 |  | System shall:  - Instruct passenger to cross doors  -Open doors  -Display screen SC0005 | System shall:  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005 |  |  | true |  |
| 2 | Passenger cross doors |  |  | System shall:  -Close doors  -Return to initial state | System shall:  -Close doors  -Return to initial state |  |  | true |  |

## **1.4.18 Test Scenario: GATEUYSISCAPII-1092 - Gate alarm - Forced doors**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger Forced Doors** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger triggers Forced Doors  alarm | Interior Screen: SC0001 |  | System Shall:  -Display Screen SC0001 to notify passenger  -The eGate are closed  -Display in Inspector Forced doors icon alarm and message | System Shall:  -Display Screen SC0001 to notify passenger  -The eGate are closed  -The passenger forces the doors  -Display in Inspector Forced doors icon alarm and message | What message should the inspector display? | Medium | true |  |

## **1.4.19 Test Scenario: GATEUYSISCAPII-1093 - Gate alarm - No one detected**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a Boarding Pass for the current date** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | The side illumination of the eGate is red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | valid boarding pass | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off |  | -Should the barcode reader's LED light green when it detects boarding? | High | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": 0 | {  "code": 0  "idTransactionEP": 0,  "message": "Boarding correcto"  } |  | System shall:  Continue to accept transaction |  |  |  |  |  |
| **Accept transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed to cross doors | Interior Screen: SC0005 |  | System shall:  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005 | System shall:  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005 |  |  | true |  |
| 2 | Passenger does not cross the  doors until timeout |  |  | System shall:  -Close doors  -Return to initial state | System shall:  -Close doors  -Return to initial state | What alarm and message should the inspector display? | High | true |  |

# 1.4.20 Other test cases

## **1.4.20.1 Open and close the eGate doors from the inspector.**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Open and close the eGate doors from the inspector** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Opening and closing the eGate doors takes too long from the inspector. |  |  |  |  | How long does it take to open and close the eGate doors from the inspector? | low |  | Vision-Box |

## **1.4.20.2 Opening the eGate doors from the inspector.**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Open the eGate doors from the inspector** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | The eGate doors are closed and the inspector displays the Close All Doors option instead of Open All Doors. See Annex A. |  | The eGate doors are closed. | The inspector displays the Open All Doors option. | The inspector displays the Close all doors option |  | low | false | Vision-Box |

## **1.4.20.3 Restarting the gateway from the inspector**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Restarting the gateway from the inspector** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | When the gateway is restarted from the inspector it is initially shown out of service. |  |  |  |  | What screen should the gateway display when restarting from the inspector? | low |  | Vision-Box |

## **1.4.20.4 Abandoned object alarm**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a Boarding Pass for the current date** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  - The eGate side illumination are red. |  | High | False |  |
| 2 | Passenger presents a boarding pass | Interior Screen: SC0002 | valid boarding pass | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off | -Should the barcode reader's LED light green when it detects boarding? | High | true |  |
| 3 | Passenger waits for barcode validation |  |  | System shall:  -Do a request to Service with Boardingpass Data, in order to have the validation of BCBP  -Service receives the request from the system  -Service responds to the system with: code, idTransactionEP and message |  |  |  |  |  |
| 4 | Service responds with "code": 0 | {  "code": 0  "idTransactionEP": 0,  "message": "Boarding correcto"  } |  | System shall:  Continue to accept transaction |  |  |  |  |  |
| **Accept transaction** | | | | | | | | | |
| **Step** | **Description** | **Data** |  | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed to cross doors | Interior Screen: SC0005 |  | System shall:  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005 | System shall:  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005 |  |  | true |  |
| 2 | Passenger cross doors |  |  |  | System shall:  - Passenger through the doors leaving an object behind  -Close doors  -Display screen SC0006  -Return to initial state | -Define expected result in case of object abandonment by passenger  -What alarm and message should the inspector display when faced with an abandoned object? | High | false |  |

## **1.4.20.5 Person standing on the other side of the door where the sensor is located**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans a boarding pass for the current date with a passenger on the other side of the door next to the sensor.** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass |  |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  - The eGate side illumination are red. |  | High | false | Vision-Box |
| 2 | The passenger scans a boarding pass for the current date with a passenger on the other side of the door next to the sensor. |  | Valid boarding pass |  | System shall:  -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005  -Passenger walks through the door  -Close doors  -Display screen SC0006  -Return to initial state | What is the expected result with a passenger on the other side of the door, next to the sensor? | High |  | Vision-Box |

## **1.4.20.6 NULL flight destination + date of today's flight**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass Null destination for the current day** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | Passenger presents a boarding pass Null destination |  | Boarding pass Null destination |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005  -Passenger walks through the door  -Close doors  -Display screen SC0006  -Return to initial state | What is the expected result for a null destination? | High |  | Vision-Box |

## **1.4.20.7 Numeric flight destination + today's flight date**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans a boarding pass with a numerical destination value for the current day.** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | Passenger presents a boarding pass Numeric Destination |  | Boarding pass Numerical destination |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005  -Passenger walks through the door  -Close doors  -Display screen SC0006  -Return to initial state | What is the expected result for a numerical destination? | High |  | Vision-Box |

## **1.4.20.8 Flight destination consisting of special characters + today's flight date**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans a boarding pass with a value equal to special characters as the destination for the current day.** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass with a value equal to special characters as destination. |  | Boarding pass with a special character value as destination |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005  -Passenger walks through the door  -Close doors  -Display screen SC0006  -Return to initial state | - What is the expected result for a destination with character value?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.9 Destination consisting of four characters+ date of today's flight**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass with a destination consisting of four characters** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | Passenger presents a boarding pass with a destination consisting of four characters |  | Boarding pass with a destination consisting of four characters |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for a destination consisting of four characters?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.10 Destination composed of two characters + today's flight date**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass with a destination consisting of two characters** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | Passenger presents a boarding pass with a destination consisting of two characters |  | Boarding pass with a destination consisting of two characters |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005  -Passenger walks through the door  -Close doors  -Display screen SC0006  -Return to initial state | -What is the expected result for a destination consisting of two characters?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.11 Origin composed of two characters + today's flight date**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans a boarding pass with an origin consisting of two characters** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass with an origin consisting of two characters |  | Boarding pass with an origin consisting of two characters |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005  -Passenger walks through the door  -Close doors  -Display screen SC0006  -Return to initial state | -What is the expected result for an origin consisting of two characters?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.12 Origin composed of four characters + today's flight date**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans a boarding pass whose origin consists of four characters** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass whose origin consists of four characters |  | Boarding pass with an origin consisting of four characters |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for an origin consisting of four characters?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.13 Origin formed by numbers + today's flight date**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans a boarding pass with a numerical origin** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass with a numerical origin. |  | Boarding pass with a numerical origin |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005  -Passenger walks through the door  -Close doors  -Display screen SC0006  -Return to initial state | -What is the expected result for a numerical origin?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.14 Origin consisting of special characters+ today's flight date**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass with an origin consisting of special characters** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass with an origin consisting of special characters. |  | Boarding pass with origin consisting of special characters |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005  -Passenger walks through the door  -Close doors  -Display screen SC0006  -Return to initial state | -What is the expected result for a origin consisting of special characters?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.15 Flight code null+today's flight date**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans boarding pass with null flight code** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | Passenger presents a boarding pass with a null flight code |  | Boarding pass with null flight code |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for a null flight code?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.16 Numeric flight code+today's flight date**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans the boarding pass with the flight code equal to a number** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass with a numerical flight code. |  | Boarding pass with a numerical flight code. |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for a numerical flight code?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.17 Alphabetical flight code + today's flight date**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans the boarding pass with the alphabetical flight code** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass with an alphabetical flight code. |  | Boarding pass with alphabetical flight code. |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for an alphabetic flight code?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.18 Flight code made up of special characters + date of today's flight**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans the boarding pass with the flight code made up of special characters.** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass with a flight code made up of special characters. |  | Boarding pass with flight code made up of special characters. |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for a flight code consisting of special characters?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.19 Scan boarding with flight code under 8 characters**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans boarding pass with flight code of less than 8 characters** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass with a flight code of less than 8 characters. |  | Boarding pass with flight code shorter than 8 characters |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for a flight code less than 8 characters?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.20 Scan boarding with a flight code longer than 8 characters**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans the boarding pass with a flight code of more than 8 characters.** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass with a flight code of more than 8 characters. |  | Boarding pass with flight code longer than 8 characters |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for a flight code with more than 8 characters?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.21 Scan boarding with a flight seat more than 4 characters long**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass with a flight seat consisting of more than 4 characters** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass with a seat consisting of more than 4 characters. |  | Boarding pass with seat consisting of more than 4 characters |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005  -Passenger walks through the door  -Close doors  -Display screen SC0006  -Return to initial state | -What is the expected result for an seat consisting of more than 4 characters?  -What message should the inspector display? | High |  |  |

## **1.4.20.22 Scan boarding with a flight seat less than 4 characters long**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans the boarding pass with a seat consisting of less than 4 characters.** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | Passenger presents a boarding pass for a seat consisting of less than 4 characters. |  | Boarding pass with seat less than 4 characters long |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for an seat of less than 4 characters?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.23 Scan boarding with a seat with alphabetical value**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans the boarding pass with a seat that has an alphabetical value.** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass for a seat with an alphabetical value. |  | Boarding pass with seat formed by alphabetical value |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for an seat formed by alphabetical value?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.24 Scan boarding with a seat with a value equal to special characters**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans boarding pass with a seat made up of special characters** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | Passenger presents a boarding pass for a seat made up of special characters |  | Boarding pass with seat made up of special characters |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for an seat consisting of special characters?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.25 Scan boarding with a seat with a value equal to only numbers**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans a boarding pass with a seat made up of only numbers** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are green. | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass with a seat made up of only numbers. |  | Boarding pass with seat made up of only numbers |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Instruct passenger to cross doors  -Open doors  -Display screen SC0005  -Passenger walks through the door  -Close doors  -Display screen SC0006  -Return to initial state | -What is the expected result for an seat consisting of only numbers?  -What message should the inspector display? | High |  |  |

## **1.4.20.26 Scan boarding for an already boarded passenger**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Passenger scans boarding pass of an already boarded passenger** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents a boarding pass of a passenger who has already boarded. |  | Boarding card of a passenger already boarded |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | -What is the expected result for a passenger who presents boarding of a passenger already boarded?  -What message should the inspector display? | High |  | Vision-Box |

## **1.4.20.27 Scan boarding of a passenger with the same seat as another passenger who does not confirm boarding**

**Sumary**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **The passenger scans the boarding pass with the same seat as a passenger who does not confirm boarding.** | | | | | | | | | |
| **Step** | **Description** | **Data** | **Data 2** | **Expected Result** | **Actual result** | **To be defined** | **Priority**  High,  Medium or low | **Passed** | **Responsible** |
| 1 | Passenger is instructed a boarding pass | Interior Screen: SC0001 |  |  | System shall:  -Instructing passenger to scan BCBP  -Display Screen SC0001  -The eGate doors are closed  -The eGate semaphore shows a green arrow in the model  -The eGate side illumination are red. |  | High | False | Vision-Box |
| 2 | The passenger presents the boarding pass with the same seat as a passenger who does not confirm boarding. |  | Boarding pass with the same seat as a passenger who does not confirm boarding |  | -Display screen SC0002 informing passenger the BCBP is being read  -Detect the boarding pass  -Barcode reader LED: off  -Passenger should look for assistance  -Display screen SC0004  -Return to Initial state | - -What is the expected result for a passenger who presents boarding with the same seat as a passenger who does not confirm boarding?  -What message should the inspector display? | High |  | Vision-Box |

# 1.4.21 Annexes

## **Annex A**

