**System Test Plan Student 18002538**

**Description: Check-in Customer (FR-OC-07)**

**1)** Use Case: Check In Customer

Scenario : Customer Successfully Checked in

|  |  |
| --- | --- |
| Operation Staff | System |
| 1.Begin by scanning QR code | 2. Take QR code to find Crownpass. |
|  | 3. Display Crownpass information found. |
| 4.Confirm likeliness of Crownpass holder. |  |
|  | 5. Likeliness confirmed, check entry condition. |
|  | 6. Check operation state. |
| 8. Allow customer to proceed into venue. | 7. Display check in message to staff demonstrating check in acceptance, and update operation state. |

**Test Data:**

Input:

* Scan QR: QR code.
* Approve likeliness of Crownpass holder.

Stored data:

* Customer
  + QR code
* System
  + Entry Condition
  + Operation State Number
  + Capacity Area
  + Crownpass holder information
    - Photo
    - CodeQR
    - Vaccination state
    - Pass State

Output: Successful Check in message

**Test Process:**

1. Begin check-in process by scanning QR code.

Input: Scan QR

2. Validate QR code to display Crownpass holder data.

3. Crownpass exists in system, display Crownpass photo information.

a. Expected output: Crownpass holder photo.

b. Check: if the output is the relevant Crownpass holder photo.

4. Confirm likeliness of Crownpass holder.

Input: Confirm likeliness.

5. Check entry condition.

6.Check Operation State

7. Check in Crownpass holder

a. Expected output: Message to allow holder to enter.

8. Customer enters

**2)** Scenario: QR does not match any Crownpass.

|  |  |
| --- | --- |
| Operation Staff | System |
| 1.Begin by scanning QR code | 2. Take QR code to find Crownpass. |
|  | 3. Return Operational Staff to scanning page. |

**Test Data:**

Input:

* Scan QR: QR code.

Stored data:

* Customer
  + QR code
* System
  + Crownpass holder information

Output: Return staff to scanner interface display.

**Test Process:**

1. Begin check-in process by scanning QR code.

Input: Scan QR

2. Validate QR code to display Crownpass holder data.

3. Return to scanner.

a. Expected output: No check in

b. Check: Return to scanner

**3)** Scenario: Customer is not the Crownpass holder.

|  |  |
| --- | --- |
| Operation Staff | System |
| 1.Begin by scanning QR code | 2. Take QR code to find Crownpass. |
|  | 3. Display Crownpass information found. |
| 4.Not likeliness of Crownpass holder. |  |
|  | 5. Entry denied |

Test Data:

Input:

* Scan QR: QR code.
* Unapproved likeliness of Crownpass holder.

Stored data:

* Customer
  + QR code
* System
  + Crownpass holder information
    - Photo
    - CodeQR

Output: Unsuccessful check in

**Test Process:**

1. Begin check-in process by scanning QR code.

Input: Scan QR

2. Validate QR code to display Crownpass holder data.

3. Crownpass exists in system, display Crownpass photo information.

a. Expected output: Crownpass holder photo.

b. Check: if the output is the relevant Crownpass holder photo.

4. Confirm likeliness of Crownpass holder.

Input: Not likeliness of holder on record

5. Display denied entry message

a. Expected output: Message denying holder to enter.

b. Check: if output matched the expected.

**4)** Scenario: Entry Condition not Met

|  |  |
| --- | --- |
| Operation Staff | System |
| 1.Begin by scanning QR code | 2. Take QR code to find Crownpass. |
|  | 3. If found, display Crownpass information. |
| 4.Confirm likeliness of Crownpass holder. |  |
|  | 5. Check entry condition. |
|  | 6. Display denied message. |

Test Data:

Input:

* Scan QR: QR code.
* Approve likeliness of Crownpass holder.

Stored data:

* Customer
  + QR code
* System
  + Entry Condition
  + Crownpass holder information
    - Photo
    - CodeQR
    - Vaccination state
    - Pass State

Output: Unsuccessful Check in message

**Test Process:**

1. Begin check-in process by scanning QR code.

Input: Scan QR

2. Validate QR code to display Crownpass holder data.

3. Crownpass exists in system, display Crownpass photo information.

a. Expected output: Crownpass holder photo.

b. Check: if the output is the relevant Crownpass holder photo.

4. Confirm likeliness of Crownpass holder.

Input: Confirm likeliness.

5. Check entry condition.

6. Displayed Denied Entry

a. Expected output: Message to deny holder to enter.

b. Check: if output matched the expected.

**5)** Scenario: Operation State not Met

|  |  |
| --- | --- |
| Operation Staff | System |
| 1.Begin by scanning QR code | 2. Take QR code to find Crownpass. |
|  | 3. Display Crownpass information. |
| 4.Confirm likeliness of Crownpass holder. |  |
|  | 5. Likeliness confirmed, check entry condition. |
|  | 6. Check operation state. |
|  | 7. Display denied message. |

Test Data:

Input:

* Scan QR: QR code.
* Approve likeliness of Crownpass holder.

Stored data:

* Customer
  + QR code
* System
  + Entry Condition
  + Operation State Number
  + Capacity Area
  + Crownpass holder information
    - Photo
    - CodeQR
    - Vaccination state
    - Pass State

Output: Unsuccessful Check in message

**Test Process:**

1. Begin check-in process by scanning QR code.

Input: Scan QR

2. Validate QR code to display Crownpass holder data.

3. Crownpass exists in system, display Crownpass photo information.

a. Expected output: Crownpass holder photo.

b. Check: if the output is the relevant Crownpass holder photo.

4. Confirm likeliness of Crownpass holder.

Input: Confirm likeliness.

5. Check entry condition.

6.Check Operation State

7. Displayed Denied Entry

a. Expected output: Message to deny holder to enter.

b. Check: if output matched the expected.