# **QRCode Redemptipn for Festival Walk**

1. **General Description**

Festival walk add a new redemption function using App’s QRCode. In order to serve this function, the Kioks update to scan the qrcode and add a new API to do the redemption.

1. **Definition of API**

API Name: Do QRcode redemption of Festival walk

URL: ./Verify

Swagger: ./swagger-ui.html

Request Method: Get

Request Content Type: application/json

Request Data:

|  |  |
| --- | --- |
| cardId | String |
| cardtype | Integer |
| deviceId | Integer |
| qrcode | String |

Response Data:

Case 1:

Record not found.

"<img src=\"\\images\\record\_not\_found.jpg\">\n" +  
 "<div class=right\_button>\n" +  
 "\t<img src=\"\\images\\return\_small.png\" onmousedown=backToQueryRecord()>\n" +  
 "</div>\n"

Case 2:

Verify fail

"<img src=\"\\images\\cp03-operation\_failed\_2.png\">\n" +  
 "<div class=right\_button>\n" +  
 "\t<img src=\"\\images\\return\_small.png\" onmousedown=backToQueryRecord()>\n" +  
 "</div>"

Case 3:

Verify API status = -1

"<img src=\"\\images\\connect\_server\_failed.png\" style=\"position: relative; top: 0; left: 0;\"/>\n" +  
 "<div class=right\_button>\n" +  
 "\t<img src=\"\\images\\return\_small.png\" onmousedown=backToQueryRecord()>\n" +  
 "</div>"

Case 4:

Verify redemption status >= 2

"<img src=\"\\images\\cp02-invalid-coupon.png\">\n" +  
 "<div class=right\_button>\n" +  
 "\t<img src=\"\\images\\return\_small.png\" onmousedown=backToQueryRecord()>\n" +  
 "</div>"

Case 5:

The QRCode\_Redemption\_Log table had a record.

"<img src=\"\\images\\cp02-invalid-coupon.png\">\n" +  
 "<div class=right\_button>\n" +  
 "\t<img src=\"\\images\\return\_small.png\" onmousedown=backToQueryRecord()>\n" +  
 "</div>"

Case 6:

The remind hour < qrcode\_redemption\_hour

"<img src=\"\\images\\over\_hour\_limit.png\">\n" +  
 "<div class=right\_button>\n" +  
 "\t<img src=\"\\images\\return\_small.png\" onmousedown=backToQueryRecord()>\n" +  
 "</div>"

Case 7:

Redemption fail

"<img src=\"\\images\\quota\_used\_up.png\">\n" +  
 "<div class=right\_button>\n" +  
 "\t<img src=\"\\images\\return\_small.png\" onmousedown=backToQueryRecord()>\n" +  
 "</div>"

Case 8:

Redemption Status = -1

"<img src=\"\\images\\cp02-invalid\_coupon.png\">\n" +  
 "<div class=right\_button>\n" +  
 "\t<img src=\"\\images\\return\_small.png\" onmousedown=backToQueryRecord()>\n" +  
 "</div>"

Case 9:

Success

Redirect to Complete page.

1. **UI**

* Kioks backend API

In the config add device – **SerialPlainTextReader**

* Index.html

Add qrcode redemption server end point.

Text

Description automatically generated