**Project Name:** CI Mobile App Phase II

Prepaid Excess Baggage Module

System Interface Agreement

Target Release: 2017/07/21

Version Number: 0.1

Version Date: 2017/07/21

Author: Yiwen

Total pages: 13

**修訂履歷**(Modification History)

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Author | Version | Description |
| 2017/07/19 | Yiwen Tseng | V0.1 | Initial draft. |
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**系統介面協定文件**(System Interface Agreement)

# **版本內容(Release Contents)**

|  |  |
| --- | --- |
| Project/MR | Description |
| Phase II | CI APP改版 Phase II ,Release Version “001” |
|  |  |
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# **高階處理流程(High Level Process Flow)**

# **介面規格(Interface Specification)**

待說明如何Call WS

# **資料格式協議(Agreement of Record/Format)**

## ExtraBaggage (預購超額托運行李)

### InquiryEBBasicInfo (查詢旅客名單)

功能說明: 讀取旅客名單

對應1A API : PNR\_Retrieve

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| 使用畫面 |
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| InquiryEBBasicInfo輸入格式 |
| {  "pnr\_id": "SULWNW",  "pnr\_seq": "1",  "pax\_num": "2",  "language": "zh-TW",  "version": "1.0.0.0"  } |

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| --- | --- | --- |
| InquiryEBBasicInfo輸入格式欄位說明 | | |
| Parameter | M – Mandatory  O - Optional | Description |
| pnr\_id | M | 訂位代號( Len: 6) |
| pnr\_seq | M | 航段編號(PK)(Len: 4) |
| pax\_num | M | 旅客編號(Len: 4) |
| language | M | 回傳結果的語言  zh-TW:繁體中文／zh-CN:簡體中文／ja-JP:日文／en-US:英文 |
| version | M | API 版本,參閱版本內容(Release Contents) |

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| InquiryEBBasicInfo輸出格式(APP API) |
| {  "rt\_code": "000",  "rt\_msg": "OK",  "rt\_data": {  "pnr\_id": "SULWNW",  "pnr\_seq": "1",  "departure\_station": "TPE",  "arrival\_station": "NRT",  "EB\_Type": "EXWG",  "EB\_Currency": "USD",  "Pax\_info": [  {  //可加購  "pax\_num ": "1",  "first\_name": "Test",  "last\_name": "CA",  "is\_add\_excessBaggage": "Y",  "excessBaggage": NULL,  "eb\_option": [  {  "kgAmt": 0,  "price": null},  {  "kgAmt": 5,  "price": null },  {  "kgAmt": 10,  "price": null },  {  "kgAmt": 15,  "price": null },  {  "kgAmt": 20,  "price": null },  {  "kgAmt": 25,  "price": null },  {  "kgAmt": 30,  "price": null },  {  "kgAmt": 35,  "price": null },  {  "kgAmt": 40,  "price": null },  {  "kgAmt": 45,  "price": null },  {  "kgAmt": 50,  "price": null },  ],  "msg": Null  },  {  //不可加購  "pax\_num": "2",  "first\_name": "Test",  "last\_name": "CB",  "is\_add\_excessBaggage": "N",  "excessBaggage": [  {  "kgAmt": 15,  "price": null }  ],  "eb\_option": NULL ,  "msg": "不適用"  }  ]}  } |

|  |  |  |
| --- | --- | --- |
| InquiryEBBasicInfo輸出格式欄位說明(APP API) | | |
| Parameter | M – Mandatory  O - Optional | Description |
| rt\_code | M | 處理結果代碼，接收會員專區api回覆內容 |
| rt\_msg | M | 處理結果說明，接收會員專區api回覆內容 |
| rt\_data [ ] | | |
| pnr\_id | M | 訂位代號 |
| pnr\_seq | M | 行程序號 |
| departure\_station | M | 起站 |
| arrival\_station | M | 迄站 |
| EB\_Type | M | 超額行李單位  EXWG: 重量  EXPC: 件數 |
| EB\_Currency | O | 付款幣別 |
| rt\_data [ ].Pax\_info[ ] | | |
| pax\_num | M | 旅客編號(PK) |
| first\_name | M | 名( Len: Max. 30) |
| last\_name | M | 姓( Len: Max. 30) |
| is\_add\_excessBaggage | M | 是否可加購超額行李  Y: 可加購  N: 不可加購 |
| excessBaggage | O | 已加購行李重量/件數 |
| eb\_option | O | {加購行李重量/件數選項, 金額} |
| msg | O | 不可加購訊息 |

### InquiryExcessBaggageInfo (查詢加購行李價格)

功能說明: 讀取加購行李價格

對應1A API : PNR\_Retrieve

PNR\_AddMultiElements

Service\_IntegratedPricing

PNR\_Cancel

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| 使用畫面 |
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| InquiryExcessBaggageInfo輸入格式 |
| {  "pnr\_id":"SULWNW",  "pnr\_seq":"1",  "eb" : [  {  "ssrType": "EXWG",  "ssrAmount": "10",  "pax\_num": "1"  },  {  "ssrType": "EXWG",  "ssrAmount": "20",  "pax\_num ": "2"  }],  "language": "zh-TW",  "version": "1.0.0.1"  } |

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| --- | --- | --- |
| InquiryExcessBaggageInfo輸入格式欄位說明 | | |
| Parameter | M – Mandatory  O - Optional | Description |
| pnr\_id | M | 訂位代號( Len: 6) |
| pnr\_seq | M | 航段編號(PK)(Len: 4) |
| language | M | 回傳結果的語言  zh-TW:繁體中文／zh-CN:簡體中文／ja-JP:日文／en-US:英文 |
| version | M | API 版本,參閱版本內容(Release Contents) |
| eb [ ] | | |
| ssrType | M | 超額行李單位  EXWG: 重量  EXPC: 件數 |
| ssrAmount | M | 已加購行李重量/件數 |
| pax\_num | M | 旅客編號(Len: 4) |

|  |
| --- |
| InquiryExcessBaggageInfo輸出格式(APP API) |
| {  "rt\_code": "0000",  "rt\_msg": "OK",  "rt\_data": {  "pnr\_id": "SULWNW",  "pnr\_seq": "1",  "ttl\_currency": "USD",  "ttl\_amount": "60",  "pax\_info": [  {  "paxNum": "1",  "ssrType": "EXWG",  "ssrAmount": "10",  "ebAmount": "1822",  "ebCurrency": "TWD"  },  {  "paxNum ": "2",  "ssrType": "EXWG",  "ssrAmount": "20",  "ebAmount": "1822",  "ebCurrency": "TWD"  }]  }  } |

|  |  |  |
| --- | --- | --- |
| InquiryExcessBaggageInfo輸出格式欄位說明(APP API) | | |
| Parameter | M – Mandatory  O - Optional | Description |
| rt\_code | M | 處理結果代碼，接收會員專區api回覆內容 |
| rt\_msg | M | 處理結果說明，接收會員專區api回覆內容 |
| rt\_data [ ] | | |
| pnr\_id | M | 訂位代號 |
| pnr\_seq | M | 行程序號 |
| ttl\_currency | M | 總價幣別 |
| ttl\_amount | M | 總價金額 |
| rt\_data [ ]. pax\_info [ ] | | |
| paxNum | M | 旅客編號(PK) |
| ssrType | M | 超額行李單位  EXWG: 重量  EXPC: 件數 |
| ssrAmount | M | 已加購行李重量/件數 |
| ebAmount | M | 金額 |
| ebCurrency | M | 幣別 |

### CCPage (信用卡付款頁)

功能說明: 呼叫信用卡付款頁

對應1A API : Encrypt

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| 使用畫面 |
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| CCPage輸入格式 |
| {  "language":"zh-TW",  "version": "1.0.0.1"  } |

|  |  |  |
| --- | --- | --- |
| CCPage輸入格式欄位說明 | | |
| Parameter | M – Mandatory  O - Optional | Description |
| Language | M | 回傳結果的語言  zh-TW:繁體中文／zh-CN:簡體中文／ja-JP:日文／en-US:英文 |
| version | M | API 版本,參閱版本內容(Release Contents) |

|  |
| --- |
| CCPage輸出格式(APP API) |
| {  "rt\_code": "0000",  "rt\_msg": "OK",  "rt\_data": {  "Token":"123456",  "url": "https://calde01.china-airlines.com/addfp\_uat/ccinput.aspx?code=AAABBBCCC"  }  } |

|  |  |  |
| --- | --- | --- |
| CCPage輸出格式欄位說明(APP API) | | |
| Parameter | M – Mandatory  O - Optional | Description |
| rt\_code | M | 處理結果代碼，接收會員專區api回覆內容 |
| rt\_msg | M | 處理結果說明，接收會員專區api回覆內容 |
| rt\_data [ ] | | |
| Token | M | 付款Token |
| url | M | 信用卡輸入頁網址 |

### EBPayment (加購行李付款)

功能說明: 加購行李付款

對應1A API : AddFP

PNR\_Retrieve

PNR\_AddMultiElements

Service\_IntegratedPricing

Ticket\_CreateTSMFromPricing

PNR\_AddMultiElements

DocIssuance\_IssueMiscellaneousDocumentsReply

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| 使用畫面 |
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| --- |
| EBPayment輸入格式 |
| {  "pnr\_id":"SULWNW",  "pnr\_seq": "1",  "Token":"123456",  "eb" : [  {  "pax\_num": "1",  "ssrType": "EXWG",  "ssrAmount": "10"  },  {  " pax\_num ": "2",  "ssrType": "EXWG",  "ssrAmount": "20"  }],  “language": "zh-TW",  "version": "1.0.0.1"  } |

|  |  |  |
| --- | --- | --- |
| EBPayment輸入格式欄位說明 | | |
| Parameter | M – Mandatory  O - Optional | Description |
| pnr\_id | M | 訂位代號( Len: 6) |
| pnr\_seq | M | 航段編號(PK)(Len: 4) |
| Token | M | 付款Token |
| language | M | 回傳結果的語言  zh-TW:繁體中文／zh-CN:簡體中文／ja-JP:日文／en-US:英文 |
| version | M | API 版本,參閱版本內容(Release Contents) |
| eb [ ] | | |
| pax\_num | M | 旅客編號(Len: 4) |
| ssrType | M | 超額行李單位  EXWG: 重量  EXPC: 件數 |
| ssrAmount | M | 加購行李重量/件數 |

|  |
| --- |
| EBPayment 輸出格式(APP API) |
| {  "rt\_code": "000",  "rt\_msg": "OK",  "rt\_data": {  "pnr\_id": "SULWNW",  "pnr\_seq": "1",  "ttl\_currency": "USD",  "ttl\_amount": "60",  "departure\_station": "TPE",  "arrival\_station": "NRT",  "purchase\_date": "2017/07/24",  "pax\_info": [  {  "pax\_num": "1",  "first\_name": "Test",  "last\_name": "CA",  "ssrType": "EXWG",  "ssrAmount": "20"  "ebAmount": "2000",  "ebCurrency": "USD",  "emd\_num": "123456",  "ticket\_num": "29712345678",  "flight\_info":[  {  "flight\_num": "CI 0004",  "flight\_date": "2017/08/01"  }  ]},  {  "pax\_num": "2",  "first\_name": "Test",  "last\_name": "CB",  "ssrType": "EXWG",  "ssrAmount": "20"  "ebAmount": "2000",  "ebCurrency": "USD",  "emd\_num": "123456",  "ticket\_num": "29712345678", "flight\_info":[  {  "flight\_num": "CI 0004",  "flight\_date": "2017/08/01"  }  ]}  ]}  } |

|  |  |  |
| --- | --- | --- |
| EBPayment 輸出格式欄位說明(APP API) | | |
| Parameter | M – Mandatory  O - Optional | Description |
| rt\_code | M | 處理結果代碼，接收會員專區api回覆內容 |
| rt\_msg | M | 處理結果說明，接收會員專區api回覆內容 |
| rt\_data [ ] | | |
| pnr\_id | M | 訂位代號 |
| pnr\_seq | M | 行程序號 |
| ttl\_currency | M | 總價幣別 |
| ttl\_amount | M | 總價金額 |
| departure\_station | M | 起站 |
| arrival\_station | M | 迄站 |
| purchase\_date | M | 加購日期 |
| rt\_data [ ].pax\_info[ ] | | |
| pax\_num | M | 旅客編號(PK) |
| first\_name | M | 名( Len: Max. 30) |
| last\_name | M | 姓( Len: Max. 30) |
| ssrType | M | 超額行李單位  EXWG: 重量  EXPC: 件數 |
| ssrAmount | M | 加購行李重量/件數 |
| ebAmount | M | 金額 |
| ebCurrency | M | 幣別 |
| emd\_num | M | EMD票號 |
| ticket\_num | M | 機票號碼 |
| rt\_data [ ].pax\_info[ ].flight\_info[] | | |
| flight\_num | M | 航班編號 |
| flight\_date | M | 航班日期 |