**Setup of the JSON-Server**

1. Download and install NodeJS from this URL  
   <https://nodejs.org/en/download/>
2. Open dos command prompt  
   Execute “cmd” in windows
3. Execute the following command in the command prompt to download json-server library  
   > npm install -g json-server
4. Create a folder and put the json file(s) in the created folder
5. Open Nodejs cmd prompt and goto the location of the folder which placed the json file(s)
6. Start Json-server by the following command:

> json-server <your js file name>

**Testing HCR Profiles**

The JSON files contain the data profile of five testing HCRs:

|  |  |  |  |
| --- | --- | --- | --- |
| eHR No | With Medication | With Allergy | With ADR |
| 797904068212 | Y | Y | N |

**Allergy / ADR**

Testing URL for Allergy/ADR:

http:// <<json-server>>/allergyadr/{ehrNo}

Allergy

|  |  |
| --- | --- |
| **Field Name (of each record)** | **Description** |
| recordKey | ID of this record |
| dataLevel | data level |
| isUserInput | Whether the data is inputted by user |
| allergyLocalDesc | Name of the allergy |
| allergyHeading | Heading of the allergy/ADR group |
| allergyCertainty | Certainty. Values: Certain / Suspected |
| allergyReaction | Description of reaction |
| allergyRefDate | Reference date |
| hciLongName | Healthcare institution Name (English) |
| hciLongNameChiS | Healthcare institution Name (Simplified Chinese) |
| hciLongNameChiT | Healthcare institution Name (Traditional Chinese) |
| allergyRemark | Remark |
| allergyGroup | Used to group allergy when data level is level 3 |

**Medication**

URL for the dispensing records:

http:// <<json-server>>/dispensing/{ehrNo}/dispensingRecord

|  |  |
| --- | --- |
| **Field Name (of each record)** | **Description** |
| recordKey | ID of this record |
| dataLevel | data level |
| hciLongName | Healthcare institution Name (English) |
| hciLongNameChiS | Healthcare institution Name (Simplified Chinese) |
| hciLongNameChiT | Healthcare institution Name (Traditional Chinese) |
| rxdReferenceDate | Dispensing date time |
| rxdMedication | Drug |
| rxdDosage | Dosage |
| groupCd | Group medication records by this field. |

Sorting

You may add query parameter “\_sort” and “\_order” to retrieve the data in a particular order.

For example, to retrieve records in the descending order of dispensing date time:

*http://<<json-server>>/dispensing/{ehrNo}/dispensingRecord?\_sort=rxdReferenceDate&\_order=desc*

Pagination

You have to retrieve medication records **by pages of 20 records**. Pagination could be specified by the query parameter “\_page” and “\_limit”.

For example, to retrieve records (21st to 30th) for the second page,

*http://<<json-server>>/dispensing/{ehrNo}/dispensingRecord?\_sort=rxdReferenceDate&\_order=desc&\_page=2&\_limit=20*

Selecting Records of a Particular Year

You could select the records of a particular year by putting a query parameter “rxdReferenceDate\_like”.

For example, to retrieve records of 2017:

*http://<<json-server>>/dispensing/{ehrNo}/dispensingRecord?\_sort=rxdReferenceDate&\_order=desc&* *rxdReferenceDate\_like=2017*

**Copywriting**

We would like the **code tables and UI text / labels / messages to be downloadable from the server**. Every time the app starts up, it checks for the version of those downloadable resources in the server and updates the resources data in the app storage area when there is a newer version.

The URL for the downloadable resources is:

http://<<json-server>>/system

It consists of:

**1. UI text / labels / messages**

We assigned a name to every text as indicated in the copywriting files created by Cherrypicks. Please reference the files to associate the text on UI with the entry in the downloadable message table.

**2. List of Identity Document Type**

Each entry has the following fields. Please note the effect of the selected document type on the HKID and document number fields.

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| code | Code for the identity document type. Use this code for the field of identity document type. |
| simpleDescription | Name of the identity document in English |
| chineseTDescription | Name of the identity document in traditional Chinese |
| chineseSDescription | Name of the identity document in simplified Chinese |
| withDocNo | If ‘Y’, users should input the “Identity Document No.” field |
| withHkicNo | If ‘Y’, users should input the “HKID”  If ‘O’, users may optionally input the “HKID” |
| freq | Order the identity document type list in the descending order of the field |

**3. Gender**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| sexCd | Code for the gender. Use this code for the field of gender. |
| sexDescEng | Description of the gender in English |
| sexDescChiT | Description of the gender in traditional Chinese |
| sexDescChiS | Description of the gender in simplified Chinese |

**4. Calendar Month**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| textName | Text name of the calendar month. Used by the app as the key value to look for the corresponding text of the calendar month |
| textEng | Text of the calendar month in English |
| textChiT | Text of the calendar month in traditional Chinese |
| textChiS | Text of the calendar month in simplified Chinese |

**5. Programmes**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| progCd | Code for the progammme |
| shortName | Short name of the progammme |
| fullName | Full name of the progammme |
| displayNameEng | Display name of the progammme in English |
| displayNameChiT | Display name of the progammme in traditional Chinese |
| displayNameChiS | Display name of the progammme in simplified Chinese |
| isEhrRequired | Whether the programme is required to join eHR first |
| isPPP | Whether the programme is a PPP programme |
| providerTypeCd | Code for the provider type (i.e. I = HCI level, P= HCP level) |
| enquiryHotline | Enquiry hotline of the programme |
| email | Email of the programme |
| fax | Fax number of the programme |
| progWebsiteEng | Website of the programme in English |
| progWebsiteChiT | Website of the programme in traditional Chinese |
| progWebsiteChiS | Website of the programme in simplified Chinese |
| progDrSearchSiteEng | Existing doctor search site of the progamme in English |
| progDrSearchSiteChiT | Existing doctor search site of the progamme in traditional Chinese |
| progDrSearchSiteChiS | Existing doctor search site of the progamme in simplified Chinese |

**Doctor search**

We created one scenarios of doctor search in the mock server:

1. Basic search (CHAN TAI)

http://<<json-server>>/basicSearch?id\_like=CHAN%20TAI

Doctor/HCP/HCI data can be retrieved by the following URLs:

URL for retrieving specific details:

1. Retrieve details of a specific service location

http://<< json-server >> /hci?hcpId\_like={hcpId}&hciId\_like={hciId}

1. Retrieve details of all participated programmes of a specific professional

http://<< json-server >> /pppdoctor?profId\_like={profId}

1. Retrieve details of a specific programme of a specific professional

http://<< json-server >> /pppdoctor?profId\_like={profId}&prog={prog}

1. Retrieve details of a specific HCP

http://<< json-server >> /hcp?hcpId\_like={hcpId}

1. Retrieve details of a specific programme of a specific HCI

http://<< json-server >> /pppdoctor?hcpId\_like={hcpId}&hciId\_like={hciId}&prog={prog}

1. Retrieve static text (e.g. districts/ programme details) (For data dictionary, please refer to Page 5 of this document)

http://<< json-server >> /system

1. Retrieve details of all participated programmes of a specific professional in a specific HCI

http:// << json-server >>/pppdoctor?profId\_like={profId}&hciId\_like={hciId}

**Testing Data Profiles**

**Search result:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Case Id** | **eHRSS Doctor Count** | **HCP/HSL Count** | **Other Doctor Count** |
| 1 | 3 | 1 | 0 |

**eHRSS Professionals:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Prof id** | **Prof type** | **eHR** | **CRC** | **HCVS** |
| RMP-M00001 | Registered Medical Practitioners | Y | Y | Y |
| RMP-M00002 | Registered Medical Practitioners | Y | N | N |
| RMP-M00003 | Registered Medical Practitioners | Y | Y | Y |

**Data Dictionory**

**Basic Search Result:**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| ehrssProfCnt | Count of eHRSS professional returned |
| hcpHslCnt | Count of HCP/HSL returned |
| otherProfCnt | Count of other professional returned |
| ehrssProfResultList | Result List of eHRSS professionals (For details, please refer to below) |
| hcpHslResultList | Result List of HCP/HSL (For details, please refer to below) |
| otherProfResultList | Result List of other professionals (For details, please refer to below) |

**EhrssProfResultList:**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| profId | Id of the professional |
| regNo | Registration number of the professional |
| typeOfProf | Type of the professional |
| providerNameEng | Provider name in English |
| providerNameChiT | Provider name in Traditional Chinese |
| providerNameChiS | Provider name in Simplified Chinese |
| hcpInfo | List of related HCP info of the professional |
| hcpId | Id of the HCP |
| hcpNameEng | HCP name in English |
| hcpNameChiT | HCP name in Traditional Chinese |
| hcpNameChiS | HCP name in Simplified Chinese |
| hcpLink | The relative URI to retrieve HCP info and HCI basic info |
| progResult | List of programmes that the professional is engaged |
| progName | Name of the programme |
| link | The relative URI to retrieve the specific programme info |

**hcpHslResultList:**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| hcpId | Id of the HCP |
| hciId | Id of the HCI |
| hcpNameEng | HCP name in English |
| hcpNameChiT | HCP name in Traditional Chinese |
| hcpNameChiS | HCP name in Simplified Chinese |
| hciNameEng | HCI name in English |
| hciNameChiT | HCI name in Traditional Chinese |
| hciNameChiS | HCI name in Simplified Chinese |
| hcpLink | The relative URI to retrieve HCP info |
| hciLink | The relative URI to retrieve HCI info |
| progResult | List of programmes that the professional is engaged |
| progName | Name of the programme |
| link | The relative URI to retrieve the specific programme info |

**HCP**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| hcpId | Id of the HCP |
| hcpNameEng | HCP name in English |
| hcpNameChiT | HCP name in Traditional Chinese |
| hcpNameChiS | HCP name in Simplified Chinese |
| hcpAddressEng | HCP address in English |
| hcpAddressChiT | HCP address in Traditional Chinese |
| hcpAddressChiS | HCP address in Simplified Chinese |
| hcpAddressLatLong | The Lat/Long coordinates of the HCP address |
| hcpTelephone | Telephone of the HCP |
| hcpEmail | Email of the HCP |
| hcpWebsite | Website of the HCP |
| hciInfo | List of HCI under the HCP |
| hciId | Id of the HCI |
| hciNameEng | HCI name in English |
| hciNameChiT | HCI name in Traditional Chinese |
| hciNameChiS | HCI name in Simplified Chinese |
| hciAddressEng | HCI address in English |
| hciAddressChiT | HCI address in Traditional Chinese |
| hciAddressChiS | HCI address in Simplified Chinese |
| hciAddressLatLong | The Lat/Long coordinates of the HCI address |
| hciTelephone | Telephone of the HCI |
| hciEmail | Email of the HCI |
| hciWebsite | Website of the HCI |
| hciLink | Link to retrieve service location details |

**HCI:**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| hcpId | Id of the HCP |
| hciId | Id of the HCI |
| hcpNameEng | HCP name in English |
| hcpNameChiT | HCP name in Traditional Chinese |
| hcpNameChiS | HCP name in Simplified Chinese |
| hcpOfficalNameEng | HCP official name in English |
| hcpOfficalNameChiT | HCP official name in Traditional Chinese |
| hcpOfficalNameChiS | HCP official name in Simplified Chinese |
| hcpShortNameEng | HCP short name in English |
| hcpShortNameChiT | HCP short name in Traditional Chinese |
| hcpShortNameChiS | HCP short name in Simplified Chinese |
| hcpAddressEng | HCP address in English |
| hcpAddressChiT | HCP address in Traditional Chinese |
| hcpAddressChiS | HCP address in Simplified Chinese |
| hcpAddressLatLong | The Lat/Long coordinates of the HCP address |
| hcpTelephone | Telephone of the HCP |
| hcpEmail | Email of the HCP |
| hcpWebsite | Website of the HCP |
| hcpDataUpload | List of data domain that will upload to eHRSS |
| hciNameEng | HCI name in English |
| hciNameChiT | HCI name in Traditional Chinese |
| hciNameChiS | HCI name in Simplified Chinese |
| hciOfficalNameEng | HCI official name in English |
| hciOfficalNameChiT | HCI official name in Traditional Chinese |
| hciOfficalNameChiS | HCI official name in Simplified Chinese |
| hciShortNameEng | HCI short name in English |
| hciShortNameChiT | HCI short name in Traditional Chinese |
| hciShortNameChiS | HCI short name in Simplified Chinese |
| hciAddressEng | HCI address in English |
| hciAddressChiT | HCI address in Traditional Chinese |
| hciAddressChiS | HCI address in Simplified Chinese |
| hciAddressLatLong | The Lat/Long coordinates of the HCI address |
| hciTelephone | Telephone of the HCI |
| hciEmail | Email of the HCI |
| hciWebsite | Website of the HCI |
| openingHourMon | Opening hours on Monday  Example 1: (09:00-13:00)(14:00-20:00)  Example 2: 24 hours  Example 3: No Service. |
| openingHourTue | Opening hours on Tuesday |
| openingHourWed | Opening hours on Wednesday |
| openingHourThu | Opening hours on Thursday |
| openingHourFri | Opening hours on Friday |
| openingHourSat | Opening hours on Saturday |
| openingHourSun | Opening hours on Sunday |
| openingHourPub | Opening hours on Public Holiday |
| openingHrRemarkEng | Remark on opening hours in English |
| openingHrRemarkChiT | Remark on opening hours in Traditional Chinese |
| openingHrRemarkChiS | Remark on opening hours in Simplified Chinese |
| rcInd | Indicator of registration center |
| newBornInd | Indicator of allowing new born baby |
| hcpLastUpdDate | Last update date of HCP info |
| hciLastUpdDate | Last update date of HCI info |
| progResult | List of programmes that the HCI is engaged |
| progName | Name of the programme |
| link | The relative URI to retrieve the doctor list and programme info of the specific programme |

**CRC:**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| prog | Name of the programme |
| hcpId | Id of the HCP |
| hciId | Id of the HCI |
| profId | Id of the professional |
| regNo | Registration number of the professional |
| typeOfProf | Type of the professional |
| profNameEng | Name of the professional in English |
| profNameChiT | Name of the professional in Traditional Chinese |
| profNameChiS | Name of the professional in Simplified Chinese |
| hciNameEng | HCI name in English |
| hciNameChiT | HCI name in Traditional Chinese |
| hciNameChiS | HCI name in Simplified Chinese |
| hciAddressEng | HCI address in English |
| hciAddressChiT | HCI address in Traditional Chinese |
| hciAddressChiS | HCI address in Simplified Chinese |
| hciTelephone | Telephone of the HCI |
| pcdInd | Primary Care Doctor indicator |
| csInd | Colonoscopy Specialist indicator |
| csConsultInd | Colonoscopy examination indicator |
| csExamInd | Pre-procedural consultation indicator |
| csCopayWO | Colonoscopy co-payment (without polypectomy) |
| csCopayW | Colonoscopy co-payment (with polypectomy) |
| charityQuota | Colonoscopy charity quota |

**HCVS:**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| prog | Name of the programme |
| profId | Id of the professional |
| regNo | Registration number of the professional |
| typeOfProf | Type of the professional |
| profNameEng | Name of the professional in English |
| profNameChiT | Name of the professional in Traditional Chinese |
| profNameChiS | Name of the professional in Simplified Chinese |
| practiceNameEng | Name of the practice in English |
| practiceNameChiT | Name of the practice in Traditional Chinese |
| practiceNameChiS | Name of the practice in Simplified Chinese |
| addressEng | Provider address in English |
| addressChiT | Provider address in Traditional Chinese |
| addressChiS | Provider address in Simplified Chinese |
| regionCd | Region code of the provider address |
| districtCd | District code of the provider address |
| telephone | Telephone of the provider |