|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No. | Task Group | API Description | API | API Link | sprint | Target Delivery Date |
| 1 | Prescription | Basic Patient Details (all module data) | Query Patient Prescription | /queryPatientPrescription | 3 | 31-Dec-21 |
| 2 | Prescription - Patient Details | Room List (dropdown list) | Get Room List | /getMasterRoomList | 3 | 31-Dec-21 |
| 3 | Prescription - Patient Details | Therapist List (dropdown list) | Get Patient Details Master List | /getMasterPatientDetail | 3 | 31-Dec-21 |
| 4 | Prescription - Patient Details | Patient Conditions List (dropdown list) | Get Patient Details Master List | /getMasterPatientDetail | 3 | 31-Dec-21 |
| 5 | Prescription - Patient Details | Status List (dropdown list) | Get Patient Details Master List | /getMasterPatientDetail | 3 | 31-Dec-21 |
| 6 | Prescription - Patient Details | O2(L/min) (dropdown list) | Get Patient Details Master List | /getMasterPatientDetail | 3 | 31-Dec-21 |
| 7 | Prescription - Patient Details | Cardiac Risk (switch button) | Query Patient Prescription | /queryPatientPrescription | 3 | 31-Dec-21 |
| 8 | Prescription - Patient Details | Save Patient Details | Save Patient Prescription | /savePatientPrescription | 3 | 31-Dec-21 |
| 9 | Prescription - Precautions | Patient's precautions icon List | Get Patient Details Master List | /getMasterPatientDetail | 3 | 31-Dec-21 |
| 10 | Prescription - Precautions | List of Precautions in pop-up (PT and OT) | DELETED (06/01/2022) |  | 3 | 31-Dec-21 |
| 11 | Prescription - Treatment Activities | Protocol List (dropdown list) | Get Protocol and Set of activities created in backend | /getProtocolAndSetOfActivities | 3 | 31-Dec-21 |
| 12 | Prescription - Treatment Activities | Protocol and Set of activities created in backend | Get Protocol and Set of activities created in backend | /getProtocolAndSetOfActivities | 3 | 31-Dec-21 |
| 13 | Prescription - Treatment Activities | Cateogry List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 14 | Prescription - Treatment Activities | Treatment List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 15 | Prescription - Treatment Activities | Position List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 16 | Prescription - Treatment Activities | Side/Direction List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 17 | Prescription - Treatment Activities | Region List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 18 | Prescription - Treatment Activities | Set List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 19 | Prescription - Treatment Activities | Repetition List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 20 | Prescription - Treatment Activities | Resistance List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 21 | Prescription - Treatment Activities | Walking Aids List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 22 | Prescription - Treatment Activities | Assistive Deivce List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 23 | Prescription - Treatment Activities | Weight Bearing Status List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 24 | Prescription - Treatment Activities | Duration List (dropdown list) | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 25 | Prescription - Therapeutic Group | Therapeutic Group Category List | Get Therapeutic Group Calendar List, Get Therapeutic Group Patient List | /getTherapeuticGroupCalendarList  /getTherapeuticGroupPatientList | 3 | 31-Dec-21 |
| 26 | Prescription - Therapeutic Group | Group List with category | Get Master List Static item for Prescription | /getMasterListStaticItemForPrescription | 3 | 31-Dec-21 |
| 27 | Prescription - Therapeutic Group | Selected therapeutic Group List | Get Therapeutic Group Data for patient | /getTherapeuticGroupPatient | 3 | 31-Dec-21 |
| 28 | Prescription - Therapeutic Group | The Selected Therapeutic Group Calendar List | Get Therapeutic Group Data for patient | /getTherapeuticGroupPatient | 3 | 31-Dec-21 |
| 29 | Prescription - Therapeutic Group | The Selected Therapeutic Group Patient Detail List | Get Therapeutic Group Data for patient | /getTherapeuticGroupPatient | 3 | 31-Dec-21 |
| 30 | Prescription – Patient Summary | Patient Summary List | Get Patient Summary List | /getPatientSummaryList | 3 | 31-Dec-21 |
| 31 | Prescription - Therapeutic Group | Treatment Details | Get Therapeutic Group Calendar List, Get Therapeutic Group Patient List | /getTherapeuticGroupCalendarList  /getTherapeuticGroupPatientList | 3 | 31-Dec-21 |
| 32 | Calendar | Calendar List | Get Therapeutic Group Calendar List, Get Therapeutic Group Patient List | /getTherapeuticGroupCalendarList  /getTherapeuticGroupPatientList | 4 | 14-Jan-21 |
| 33 | Calendar | Therapeutic groups list | Get Therapeutic Group Calendar List, Get Therapeutic Group Patient List | /getTherapeuticGroupCalendarList  /getTherapeuticGroupPatientList | 4 | 14-Jan-21 |
| 34 | Calendar | Therapeutic group detail in some group | Get Therapeutic Group Calendar List, Get Therapeutic Group Patient List | /getTherapeuticGroupCalendarList  /getTherapeuticGroupPatientList | 4 | 14-Jan-21 |
| 35 | Calendar | Cateogry List (dropdown list) | Get Therapeutic Group Category and group name | /getTherapeuticGroupCategoryAndGroupName | 4 | 14-Jan-21 |
| 36 | Calendar | Name List (dropdown list) | Get Therapeutic Group Category and group name | /getTherapeuticGroupCategoryAndGroupName | 4 | 14-Jan-21 |
| 37 | Calendar | save data(Create,Edit) | Save Therapeutic Group Calendar | /saveTherapeuticGroupCalendar | 4 | 14-Jan-21 |
| 38 | Handheld | Hospital List | Get Hospital List | /getHospitalList | 4 | 14-Jan-21 |
| 39 | Handheld | Login | User Login | /userLogin | 4 | 14-Jan-21 |
| 40 | Handheld | Room List (dropdown list) | Get Room List | /getMasterRoomList | 4 | 14-Jan-21 |
| 41 | Handheld | Confirm Room | DELETED (06/01/2022) |  | 4 | 14-Jan-21 |
| 42 | Handheld | Change Room | DELETED (06/01/2022) |  | 4 | 14-Jan-21 |
| 43 | Handheld | Scan code | Query Patient Prescription, Get E vital Record, Get current treatment in gym room for patient, Get treatment record for patient | /queryPatientPrescription /getCurrentTreatmentInGymRoomForPatient /getTreatmentRecordForPatient | 4 | 14-Jan-21 |
| 44 | Handheld | Enter the room | Patient Check in and out | /patientCheckInAndOut | 4 | 14-Jan-21 |
| 45 | Handheld | Patient prompt | Patient Check in and out | /patientCheckInAndOut | 4 | 14-Jan-21 |
| 46 | Handheld | Patient Detail | Query Patient Prescription, Get E vital Record, Get current treatment in gym room for patient, Get treatment record for patient | /queryPatientPrescription /getCurrentTreatmentInGymRoomForPatient /getTreatmentRecordForPatient | 4 | 14-Jan-21 |
| 47 | Handheld | 預防措施種類icon list | Query Patient Prescription | /queryPatientPrescription | 4 | 14-Jan-21 |
| 48 | Handheld | 健康參考值 Detail | Query Patient Prescription | /queryPatientPrescription | 4 | 14-Jan-21 |
| 49 | Handheld | save 血壓測量 | Set E Vital Record |  | 4 | 14-Jan-21 |
| 50 | Handheld | save 血氧測量 | Set E Vital Record |  | 4 | 14-Jan-21 |
| 51 | Handheld | Active Treatment 1 detail | Set Treatment Details | /setTreatmentDetails | 5 | 28-Jan-21 |
| 52 | Handheld | Active Treatment 1 scan | Set Treatment Details | /setTreatmentDetails | 5 | 28-Jan-21 |
| 53 | Handheld | Active Treatment 1 start | Set Treatment Details | /setTreatmentDetails | 5 | 28-Jan-21 |
| 54 | Handheld | Active Treatment 1 stop | Set Treatment Details | /setTreatmentDetails | 5 | 28-Jan-21 |
| 55 | Handheld | Active Treatment 1 comfirm | Set Treatment Details | /setTreatmentDetails | 5 | 28-Jan-21 |
| 56 | Handheld | Active Treatment 2 detail | DELETED (06/01/2022) |  | 5 | 28-Jan-21 |
| 57 | Handheld | Active Treatment 2 scan | DELETED (06/01/2022) |  | 5 | 28-Jan-21 |
| 58 | Handheld | Active Treatment 2 start | DELETED (06/01/2022) |  | 5 | 28-Jan-21 |
| 59 | Handheld | Active Treatment 2 stop | DELETED (06/01/2022) |  | 5 | 28-Jan-21 |
| 60 | Handheld | Active Treatment 2 comfirm stop Treatment 1 | DELETED (06/01/2022) |  | 5 | 28-Jan-21 |
| 61 | Handheld | Active Treatment 2 Remark comfirm | DELETED (06/01/2022) |  | 5 | 28-Jan-21 |
| 62 | Handheld | Leave Room | Patient Check in and out | /patientCheckInAndOut | 5 | 28-Jan-21 |
| 63 | Handheld | Grouping List | Get Therapeutic Group Calendar List | /getTherapeuticGroupCalendarList | 5 | 28-Jan-21 |
| 64 | Handheld | Grouping Detail | Get Therapeutic Group Patient List for handheld | /getTherapeuticGroupPatientListForHandheld | 5 | 28-Jan-21 |
| 65 | Handheld | Add Patient to Grouping | Set Therapeutic group | /setTherapeuticGroup | 5 | 28-Jan-21 |
| 66 | Handheld | Close Grouping | Set Therapeutic group | /setTherapeuticGroup | 5 | 28-Jan-21 |
| 67 | Handheld | Leave Grouping | Set Therapeutic group | /setTherapeuticGroup | 5 | 28-Jan-21 |
| 68 | Dashboard | Dashboard list(PT or OT) | Get all current treatment in gym room, Get hot items in gym room | /getAllCurrentTreatmentInGymRoom /getHotItemsInGymRoom | 5 | 28-Jan-21 |
| 69 | Batch Operation | Batch Operation List (Search & filter & sort) | Get Batch Operation Patient List | /getBatchOperationPatientList | 6 | 18-Feb-21 |
| 70 | Batch Operation | Therapist List (dropdown list) | WIP |  | 6 | 18-Feb-21 |
| 71 | Batch Operation | Ward List (dropdown list) | \* This list is sort out by the patient list in item 69 |  | 6 | 18-Feb-21 |
| 72 | Batch Operation | Action List (dropdown list) | \* This list is code in forntend |  | 6 | 18-Feb-21 |
| 73 | Batch Operation | Room List (dropdown list) | Get Room List | /getMasterRoomList | 6 | 18-Feb-21 |
| 74 | Batch Operation | Batch Operation | Set Batch Operation |  | 6 | 18-Feb-21 |
| 75 | Admin Module | Menu List | \* This list is code in forntend |  | 6 | 18-Feb-21 |
| 76 | Admin Module | Activity list | Get Treatment Master List by room | /getTreatmentMasterListByRoom | 6 | 18-Feb-21 |
| 77 | Admin Module | Activity Update | Update Treatment Master List by room | /updateTreatmentMasterListByRoom | 6 | 18-Feb-21 |
| 78 | Admin Module | Category list | Get Category Master List by hosp | /getCategoryMasterList | 6 | 18-Feb-21 |
| 79 | Admin Module | Category Update | Update Category Master List by hosp | /updateCategoryMasterListByHosp | 6 | 18-Feb-21 |
| 80 | Admin Module | Side list | Get Treatment Properties Master List | /getTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 81 | Admin Module | Side Update | Update Treatment Properties Master List | /updateTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 82 | Admin Module | Position list | Get Treatment Properties Master List | /getTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 83 | Admin Module | Position Update | Update Treatment Properties Master List | /updateTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 84 | Admin Module | Assistance list | Get Treatment Properties Master List | /getTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 85 | Admin Module | Assistance Update | Update Treatment Properties Master List | /updateTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 86 | Admin Module | Walking Aids Update | Update Treatment Properties Master List | /updateTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 87 | Admin Module | Walking Aids list | Get Treatment Properties Master List | /getTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 88 | Admin Module | Assistive Device(1) list | Get Treatment Properties Master List | /getTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 89 | Admin Module | Assistive Device(1) Update | Update Treatment Properties Master Lis | /updateTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 90 | Admin Module | Assistive Device(2) list | Get Treatment Properties Master List | /getTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 91 | Admin Module | Assistive Device(2) Update | Update Treatment Properties Master List | /updateTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 92 | Admin Module | Weight Bearing Status(1) list | Get Treatment Properties Master List | /getTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 93 | Admin Module | Weight Bearing Status(1) Update | Update Treatment Properties Master List | /updateTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 94 | Admin Module | Weight Bearing Status(2) list | Get Treatment Properties Master List | /getTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 95 | Admin Module | Weight Bearing Status(2) Update | Update Treatment Properties Master List | /updateTreatmentPropertiesMasterList | 6 | 18-Feb-21 |
| 96 | Admin Module | Protocol list | Get Protocol and Set of activities created in backend | /getProtocolAndSetOfActivities | 6 | 18-Feb-21 |
| 97 | Admin Module | Protocol Update | Set Protocol and Set of activities | /setProtocolAndSetOfActivities | 6 | 18-Feb-21 |
| 98 | Admin Module | Category list - Group | Get Therapeutic Group Category by hosp | /getTherapeuticGroupCategoryByHosp | 6 | 18-Feb-21 |
| 99 | Admin Module | Category Update - Group | Update Therapeutic Group Category by hosp | /updateTherapeuticGroupCategoryByHosp | 6 | 18-Feb-21 |
| 100 | Admin Module | Group list | Get Therapeutic Group Category and group name | /getTherapeuticGroupCategoryAndGroupName | 6 | 18-Feb-21 |
| 101 | Admin Module | Group Update | Set Therapeutic Group Category and group name | /setTherapeuticGroupCategoryAndGroupName | 6 | 18-Feb-21 |
| 102 | Admin Module | Hot List Activities list | Get hot items in gym room | /getHotItemsInGymRoom | 6 | 18-Feb-21 |
| 103 | Admin Module | Hot List Activities Update | Set hot items in gym room |  | 6 | 18-Feb-21 |
| 104 | Admin Module | Vital Sign Type list | Get E Vital Default List | /getEVitalDefaultList | 6 | 18-Feb-21 |
| 105 | Admin Module | Vital Sign Type Update | Update E Vital Default List |  | 6 | 18-Feb-21 |
| 107 | Gateway | App Version | Get App Version | /getAppVersion | 3 | 31-Dec-21 |
| 108 | Gateway | Hospital List | Get Hospital List | /getHospitalList | 3 | 31-Dec-21 |
| 109 | Gateway | Login | User Login |  | 3 | 31-Dec-21 |
| 110 | Gateway | User Profile | Same as Login (06/01/2022) |  | 3 | 31-Dec-21 |
| 111 | Gateway | Pair Patient | DELETED (06/01/2022) |  | 3 | 31-Dec-21 |
| 112 | Gateway | Unpair Patient | DELETED (06/01/2022) |  | 3 | 31-Dec-21 |
| 113 | Gateway | Patient Detail | Gateway Patient Details | /gatewayPatientDetails | 3 | 31-Dec-21 |
| 114 | Gateway | Upload Record | E Vital API |  | 3 | 31-Dec-21 |
| 115 | Handheld | Update remarks in handheld when treatment end | Update treatment handheld remarks | /updateTreatmentHandheldRemarks |  |  |

Header

**Revision History**

|  |  |
| --- | --- |
| **Date** | **Details** |
| 10-01-2022 | 1. Get Patient Details Master List:  - Change output json "name" to “type”  - Added “subtype” for grouping in dropdown  2. Get Master List Static item for Prescription  - Change output json "name" to “type” |
| 14-01-2022 | 1. GetPatient Summary List  - Change handheld\_remarks to handheld\_remark  - Add handheld\_remark\_details for the remark made in handheld |
| 17-01-2022 | 1. Get Protocol and Set of activities created in backend  - Remove “protocol\_id” in the output json |
| 21-01-2022 | 1. Get current treatment in gym room for patient  - Add “fall\_risk” and “system\_dtm”  2. Save Therapeutic Group Calendar  - “group\_date” change to multiple date format with “;” (i.e. “01/11/2021;03/11/2021”)  3. Get Therapeutic group patient list  - Add “case\_no”  4. Get Therapeutic group patient list for handheld  - New API for getting therapeutic group patient list in handheld  - Add “treatment\_start\_dt” and “treatment\_end\_dt”  5. Update treatment handheld remarks  Add item 115 for updating handheld remarks when treatment end |
| 18-02-2022 | 1. Set Protocol and Set of activities  - Update the input json structure  2. Set Therapeutic Group Category and group name  - Update the input json structure  - added “action” |
|  |  |

Contents

Overview

Gateway

# API-XX Get App Version

## DESCRIPTION

Provide a API for retrieving App version (item 107)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
|  |  |  |  |  |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| hosp\_code | Hospital Code | String | No | “HAH” |
| android\_version | Android version | String | No | "1.0" |
| ios\_version | IOS version | String | No | "1.1" |
| android\_app\_link | Android app link | String | No | "http://aaa" |
| ios\_app\_link | IOS app link | String | No | "http://aaa" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
* },
* "response":{
  + "app\_version":[
    - {

"android\_app\_link":"http://android",

"android\_version":"1.0",

"ios\_version":"1.1",

"ios\_app\_link":"http://ios",

"hosp\_code":"HAH"

* + - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

# }

# API-XX Get Hospital List

## DESCRIPTION

Provide a API for retrieving hospital list (item 108)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
|  |  |  |  |  |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| hosp\_code | Hospital code of the user | String[] | No | "TPH" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
* },
* "response":{
  + "hosp\_code":["TPH","PMH","UCH"]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# 

# API-XX Gateway Patient Details

## DESCRIPTION

Provide a API for getting patient details in gateway (item 113)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| case\_no | Case no | String | No | "HN06000037Z" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "case\_no":"HN06000037Z"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String[] | No | "TPH" |
| patient\_details | A set of patient details | Object[] | No |  |
| case\_no | Case no | String | No | "HN06000037Z" |
| patient\_name | Patient Name | String | No | "Chan Tai Man" |
| ward | Ward | String | No | "5D" |
| bed | Bed | String | No | "10" |
| vital\_sign\_record | A set of vital sign record | Object[] | Yes |  |
| record\_dt | Record datetime | String | No | "2021-11-18 11:22:33.000" |
| systolic\_bp | Systolic BP | String | No | "60" |
| diastolic\_bp | Diastolic BP | String | No | "120" |
| pulse | Pulse | String | No | "100" |

# 

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "case\_no":"HN06000037Z"
* },
* "response":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "patient\_details":{
    - "case\_no":"HN06000037Z",
    - "name\_english":"Chan Tai Man",
    - "name\_chinese":"陳大文",
    - "ward":"5D",
    - "bed":"10"
  + },
  + "vital\_sign\_record":[
    - {
      * "record\_dt":"2021-11-18 11:22:33",
      * "systolic\_bp":60,
      * "diastolic\_bp":120,
      * "pulse":100
    - },
    - {
      * "record\_dt":"2021-11-18 11:25:33",
      * "systolic\_bp":65,
      * "diastolic\_bp":125,
      * "pulse":95
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# Prescribe

# API-XX Get Patient Summary List

## DESCRIPTION

Provide a API for retrieving patient summary list (item 30)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "PT", "OT" |
| case\_no | Case no | String | No | "HN06000037Z" |
| strart\_date | Start Date | String | No | "2021/11/18" |
| end\_date | End Date | String | No | “2021/11/25” |

# 

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "case\_no":"HN06000037Z",
* "start\_date":"2021/01/01",
* "end\_date":"2021/12/31"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| req\_no | Request No | String | No | "22TPHOT00000001" |
| prescription\_data | A set of currently prescription treatment record of the patient | Object[] | Yes |  |
| category | Treatment category | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | No | "Sand bag" |
| treatment\_doc | Treatment documentation | String | No | "Limb Mobilization and Strengthening" |
| remarks | Treatment Remarks | String | Yes | "ABC" |
| treatment\_record | A set of treatment record of the patient | Object[] | Yes |  |
| hosp\_code | Hospital Code | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| treatment\_record\_id | Treatment record ID | String | No | "22TPHOT0000001" |
| treatment\_start\_dt | Datetime of treatment start | String | No | "2021-11-18 11:22:33.000" |
| treatment\_end\_dt | Datetime of treatment end | String | No | "2021-11-18 11:30:00.000" |
| treatment\_start\_by | Start by | String | No | "@CMSIT" |
| treatment\_end\_by | End by | String | No | "@CMSIT" |
| last\_updated | Last updated datetime | String | No | "2021-11-18 11:30:00.000" |
| treatment\_category | Treatment category | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | No | "Sand bag" |
| treatment\_doc | Treatment documentation | String | No | "Limb Mobilization and Strengthening" |
| position | Position | String | Yes | "Stand" |
| side | Side | String | Yes | "Left" |
| region | Region | String | Yes | "Lower Limb" |
| treatment\_set | Set | String | Yes | "10" |
| repetition | Repetition | String | Yes | "As tolerated" |
| resistance | Resistance | String | Yes | "Red" |
| resistance\_value | Resistance value | String |  | "3" |
| resistance\_unit | Resistance unit | String | Yes | "lb" |
| walking\_aids | Walking Aids | String | Yes | "Heel-walking Bilateral" |
| assistive\_device\_1 | Assistive Device 1 | String | Yes | "AFO" |
| assistive\_device\_2 | Assistive Device 2 | String | Yes | "AFO" |
| weight\_bearing\_status\_1 | Weight Bearing Status 1 | String | Yes | "Heel-walking Bilateral" |
| weight\_bearing\_status\_2 | Weight Bearing Status 2 | String | Yes | "Heel-walking Bilateral" |
| assistance | Assistance | String | Yes | "Carer" |
| distance | Distance | String | Yes | "100 m" |
| duration | Duration | String | Yes | "10" |
| handheld\_remark | Handheld remark | String | Yes | "Y", “N” |
| handheld\_remark\_details | Handheld remark details | String | Yes | “AAAA” |
| before\_bp | Before BP | String | Yes | "Y", "N" |
| before\_spo2 | Before SpO2 | String | Yes | "Y", "N" |
| after\_bp | After BP | String | Yes | "Y", "N" |
| after\_spo2 | After SpO2 | String | Yes | "Y", "N" |

# 

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "case\_no":"HN06000037Z",
  + "start\_date":"2021/11/18",
  + "end\_date":"2021-11-25"
* },
* "response":{
  + "req\_no":"21TPHOT000000001",
  + "prescription\_data":[
    - {
      * "category":"Mobilization and strengthening",
      * "treatment\_name":"Power Trainer",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "remarks":"AAA"
    - },
    - {
      * "category":"Mobilization and strengthening",
      * "treatment\_name":"Sand Bag",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "remarks":"AAA"
    - }
  + ],
  + "treatment\_record":[
    - {
      * "hosp\_code":"TPH",
      * "dept":"OT",
      * "treatment\_record\_id":"22TPHAHOT000001",
      * "treatment\_start\_dt":"2021-11-18 11:22:33.000",
      * "treatment\_end\_dt":"2021-11-18 11:30:00.000",
      * "treatment\_start\_by":"@CMSIT",
      * "treatment\_end\_by":"@CMSIT",
      * "last\_updated":"2021-11-18 11:30:00.000",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Power Trainer",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "position":"Plinth",
      * "side":"Left",
      * "region":"Upper Limb",
      * "treatment\_set":"5",
      * "repetition":"As tolerated",
      * "resistance":"Red",
      * "resistance\_unit":"lb",
      * "walking\_aids":"Stick Left",
      * "assistive\_device\_1":"AFO",
      * "assistive\_device\_2":"AFO",
      * "weight\_bearing\_status\_1":"FWB",
      * "weight\_bearing\_status\_2":"",
      * "assistance\_device\_2":"1 Assistant",
      * "distance":"",
      * "duration":"10",
      * "handheld\_remark":"Y",
      * "handheld\_remark\_details":"ABCDE",
      * "before\_bp":"N",
      * "before\_spo2":"N",
      * "after\_bp":"N",
      * "after\_spo2":"N"
    - },
    - {
      * "hosp\_code":"TPH",
      * "dept":"OT",
      * "treatment\_start\_dt":"2021-11-18 15:22:33.000",
      * "treatment\_end\_dt":"2021-11-18 15:30:00.000",
      * "treatment\_start\_by":"@CMSIT",
      * "treatment\_end\_by":"@CMSIT",
      * "last\_updated":"2021-11-18 11:30:00.000",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Sand Bag",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "position":"Plinth",
      * "side":"Left",
      * "region":"Upper Limb",
      * "treatment\_set":"5",
      * "repetition":"As tolerated",
      * "resistance":"Red",
      * "resistance\_unit":"lb",
      * "walking\_aids":"Stick Left",
      * "assistive\_device\_1":"AFO",
      * "assistive\_device\_2":"AFO",
      * "weight\_bearing\_status\_1":"FWB",
      * "weight\_bearing\_status\_2":"",
      * "assistance\_device\_2":"1 Assistant",
      * "distance":"",
      * "duration":"10",
      * "handheld\_remark":"Y",
      * "handheld\_remark\_details":"15",
      * "before\_bp":"N",
      * "before\_spo2":"N",
      * "after\_bp":"N",
      * "after\_spo2":"N"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Protocol and Set of activities created in backend

## DESCRIPTION

Provide a API for retrieving protocol and set of activities (item 12)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "PT", "OT" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "PT", "OT" |
| protocol\_data | A set of protocol record | Object[] | Yes |  |
| protocol\_name | Protocol Name | String | No | "Walking Training" |
| protocol\_status | Status | String | No | "ACTIVE" |
| protocol\_treatment\_list | A set of treatment in that protocol | Object[] | No |  |
| treatment\_sort | Sort no of the treatment | String | No | "1" |
| treatment\_category | Treatment category | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | No | "Sand bag" |
| treatment\_doc | Treatment documentation | String | No | "Limb Mobilization and Strengthening" |
| position | Position | String | Yes | "Stand" |
| side | Side | String | Yes | "Left" |
| region | Region | String | Yes | "Lower Limb" |
| treatment\_set | Set | String | Yes | "10" |
| repetition | Repetition | String | Yes | "As tolerated" |
| resistance | Resistance | String | Yes | "Red" |
| resistance value | Resistance value | String |  | "3" |
| resistance\_unit | Resistance unit | String | Yes | "lb" |
| walking\_aids | Walking Aids | String | Yes | "Heel-walking Bilateral" |
| assistive\_device\_1 | Assistive Device 1 | String | Yes | "AFO" |
| assistive\_device\_2 | Assistive Device 2 | String | Yes | "AFO" |
| weight\_bearing\_status\_1 | Weight Bearing Status 1 | String | Yes | "Heel-walking Bilateral" |
| weight\_bearing\_status\_2 | Weight Bearing Status 2 | String | Yes | "Heel-walking Bilateral" |
| assistance | Assistance | String | Yes | "Carer" |
| distance | Distance | String | Yes | "100 m" |
| duration | Duration | String | Yes | "10" |
| remarks | Treatment Remarks | String | Yes | "ABC" |
| before\_bp | Before BP | String | Yes | "Y", "N" |
| before\_spo2 | Before SpO2 | String | Yes | "Y", "N" |
| after\_bp | After BP | String | Yes | "Y", "N" |
| after\_spo2 | After SpO2 | String | Yes | "Y", "N" |
| handheld\_remark | Handheld Remark | String | Yes | "Y", "N" |

# 

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT"
* },
* "response":{
  + "protocol\_data":[
    - {
      * "protocol\_name":"Training",
      * "protocol\_status":"ACTIVE",
      * "protocol\_treatment\_list":[
        + {

"treatment\_sort":"1",

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"Power Trainer",

"treatment\_doc":"Limb Mobilization and Strengthening",

"position":"Plinth",

"side":"Left",

"region":"Upper Limb",

"treatment\_set":"5",

"repetition":"As tolerated",

"resistance":"Red",

"resistance\_unit":"lb",

"walking\_aids":"Stick Left",

"assistive\_device\_1":"AFO",

"assistive\_device\_2":"AFO",

"weight\_bearing\_status\_1":"FWB",

"weight\_bearing\_status\_2":"",

"assistance\_device\_2":"1 Assistant",

"distance":"",

"duration":"10",

"befor\_bp":"Y",

"befor\_spo2":"Y",

"after\_bp":"Y",

"after\_spo2":"Y",

"handheld\_remark":"Y"

* + - * + },
        + {

"treatment\_sort":"2",

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"Mini-press",

"treatment\_doc":"Limb Mobilization and Strengthening",

"position":"Stand",

"side":"Left",

"region":"Upper Limb",

"treatment\_set":"1",

"repetition":"As tolerated",

"resistance":"Red",

"resistance\_unit":"lb",

"walking\_aids":"Stick Left",

"assistive\_device\_1":"AFO",

"assistive\_device\_2":"AFO",

"weight\_bearing\_status\_1":"FWB",

"weight\_bearing\_status\_2":"",

"assistance\_device\_2":"2 Assistant",

"distance":"",

"duration":"5"

* + - * + }
      * ]
    - },
    - {
      * "protocol\_name":"Training 2",
      * "protocol\_status":"ACTIVE",
      * "protocol\_treatment\_list":[
        + {

"treatment\_sort":"1",

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"APT2",

"treatment\_doc":"Limb Mobilization and Strengthening",

"position":"Plinth",

"side":"Left",

"region":"Upper Limb",

"treatment\_set":"5",

"repetition":"As tolerated",

"resistance":"Red",

"resistance\_unit":"lb",

"walking\_aids":"Stick Left",

"assistive\_device\_1":"AFO",

"assistive\_device\_2":"AFO",

"weight\_bearing\_status\_1":"FWB",

"weight\_bearing\_status\_2":"",

"assistance\_device\_2":"1 Assistant",

"distance":"",

"duration":"10"

* + - * + },
        + {

"treatment\_sort":"2",

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"Cycle",

"treatment\_doc":"Limb Mobilization and Strengthening",

"position":"Stand",

"side":"Left",

"region":"Upper Limb",

"treatment\_set":"1",

"repetition":"As tolerated",

"resistance":"Red",

"resistance\_unit":"lb",

"walking\_aids":"Stick Left",

"assistive\_device\_1":"AFO",

"assistive\_device\_2":"AFO",

"weight\_bearing\_status\_1":"FWB",

"weight\_bearing\_status\_2":"",

"assistance\_device\_2":"2 Assistant",

"distance":"",

"duration":"5"

* + - * + }
      * ]
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Save Patient Prescription

## DESCRIPTION

Provide a API for saving patient prescription (item 8)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "PT", "OT" |
| case\_no | Episode no of the patient | String | No | "HN06000037Z" |
| action | Action | String | No | "NEW", “UPDATE” |
| patient\_details | Patient Details | Object[] | No |  |
| room\_id | Room ID | String | No | "4BC" |
| therapist\_id | Therapist ID | String | No | "Y2KMED" |
| patient\_conditions | Patient Conditions | String | No | "Fall" |
| status | Status | String | No | "ACTIVE" |
| o2 | O2(L/min) | String | No | "1.5" |
| wheelchair | Wheelchair | String | No | "W/C Standard 16 inch" |
| assistive\_device\_1 | Assistive Device 1 | String | No | "AFO" |
| assistive\_device\_2 | Assistive Device 2 | String | No | "AFO" |
| weight\_bearing\_status | Weight Bearing Status | String[] | No | "Heel-walking Bilateral" |
| weight\_bearing\_status\_2 | Weight Bearing Status 2 | String[] | No | "Heel-walking Bilateral" |
| patient\_details\_remarks | Patient Details Remarks | String | No | "ABC" |
| fall\_risk | Fall Risk | String | No | "Y", "N" |
| precautions | selected precaution | String |  | "OT01;OT02" |
| precautions\_remarks\_1 | Precaution Remark 1 | String | Yes |  |
| precautions\_remarks\_2 | Precaution Remark 2 | String | Yes |  |
| sbp\_lower | systolic lower value | String | Yes | "90" |
| sbp\_upper | systolic upper value | String | Yes | "180" |
| dbp\_lower | Diastolic lower value | String | Yes | "50" |
| dbp\_upper | Diastolic upper value | String | Yes | "100" |
| spo2 | SpO2 | String | Yes | "88" |
| pulse\_lower | Pulse lower value | String | Yes | "60" |
| pulse\_upper | Pulse upper value | String | Yes | "120" |
| continuous\_spo2 | Continuous SpO2 Monitoring | String | Yes | "Y", "N" |
| first\_attend\_login | Login (First Attend) | String | Yes | "YYYN" |
| first\_attend\_logout | Logout (First Attend) | String | Yes | "NNNN" |
| subsequent\_attend\_login | Login (Subsequent Attend) | String | Yes | "YYYY" |
| subsequent\_attend\_logout | Logout (Subsequent Attend) | String | Yes | "YNYN" |
| treatment\_data | A set of treatment record | Object[] | Yes |  |
| treatment\_seq | Order of the treatment | String | No | "1" |
| treatment\_optional | Optional | String | Yes | "NA", "3" |
| treatment\_category | Treatment category | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | No | "Sand bag" |
| treatment\_doc | Treatment documentation | String | No | "Limb Mobilization and Strengthening" |
| position | Position | String | Yes | "Stand" |
| side | Side | String | Yes | "Left" |
| region | Region | String | Yes | "Lower Limb" |
| treatment\_set | Set | String | Yes | "10" |
| repetition | Repetition | String | Yes | "As tolerated" |
| resistance | Resistance | String | Yes | "Red" |
| resistance value | Resistance value | String |  | "3" |
| resistance\_unit | Resistance unit | String | Yes | "lb" |
| walking\_aids | Walking Aids | String | Yes | "Heel-walking Bilateral" |
| assistive\_device\_1 | Assistive Device 1 | String | Yes | "AFO" |
| assistive\_device\_2 | Assistive Device 2 | String | Yes | "AFO" |
| weight\_bearing\_status\_1 | Weight Bearing Status 1 | String | Yes | "Heel-walking Bilateral" |
| weight\_bearing\_status\_2 | Weight Bearing Status 2 | String | Yes | "Heel-walking Bilateral" |
| assistance | Assistance | String | Yes | "Carer" |
| distance | Distance | String | Yes | "100 m" |
| duration | Duration | String | Yes | "10" |
| remarks | Treatment Remarks | String | Yes | "ABC" |
| before\_bp | Before BP | String | Yes | "Y", "N" |
| before\_spo2 | Before SpO2 | String | Yes | "Y", "N" |
| after\_bp | After BP | String | Yes | "Y", "N" |
| after\_spo2 | After SpO2 | String | Yes | "Y", "N" |
| handheld\_remark | Handheld Remark | String | Yes | "Y", "N" |
| therapeutic\_group\_patient | A set of treatment record | Object[] | Yes |  |
| hosp\_code | hospital code | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| category | therapeutic category | String | No |  |
| group\_name | therapeutic group name | String | No |  |
| selective\_join | Selective join | String | Yes | "Y" |
| remarks | Remarks | String | Yes | "ABC" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "case\_no":"HN06000037Z",
* "action":"NEW",
* "patient\_details":{
  + "room\_id":"4BC",
  + "therapist\_id":"Y2KMED",
  + "patient\_conditions":"Fall",
  + "status":"ACTIVE",
  + "o2":"1.5",
  + "wheelchair":"",
  + "assistive\_device\_1":"",
  + "assistive\_device\_2":"",
  + "weight\_bearing\_status\_1":"",
  + "weight\_bearing\_status\_2":"",
  + "patient\_details\_remarks":"ABC",
  + "fall\_risk":"Y",
  + "precautions":"OT01;OT02",
  + "precautions\_remarks\_1":"ABC",
  + "precautions\_remarks\_2":"ABC",
  + "sbp\_lower":"90",
  + "sbp\_upper":"180",
  + "dbp\_lower":"50",
  + "dbp\_upper":"100",
  + "spo2":"88",
  + "pulse\_lower":"60",
  + "pulse\_upper":"120",
  + "continuous\_spo2":"Y",
  + "first\_attend\_login":"YYYY",
  + "first\_attend\_logout":"YYYY",
  + "subsequent\_attend\_login":"NNNN",
  + "subsequent\_attend\_logout":"NNNN"
* },
* "treatment\_data":[
  + {
    - "treatment\_seq":"1",
    - "treatment\_optional":"2",
    - "treatment\_category":"Mobilization and strengthening",
    - "treatment\_name":"Power Trainer",
    - "treatment\_doc":"Limb Mobilization and Strengthening",
    - "position":"Plinth",
    - "side":"Left",
    - "region":"Upper Limb",
    - "treatment\_set":"5",
    - "repetition":"As tolerated",
    - "resistance":"Red",
    - "resistance\_unit":"lb",
    - "walking\_aids":"Stick Left",
    - "assistive\_device\_1":"AFO",
    - "assistive\_device\_2":"AFO",
    - "weight\_bearing\_status\_1":"FWB",
    - "weight\_bearing\_status\_2":"",
    - "assistance\_device\_2":"1 Assistant",
    - "distance":"",
    - "duration":"10"
  + },
  + {
    - "treatment\_seq":"2",
    - "treatment\_optional":"1",
    - "treatment\_category":"Mobilization and strengthening",
    - "treatment\_name":"Mini-press",
    - "treatment\_doc":"Limb Mobilization and Strengthening",
    - "position":"Stand",
    - "side":"Left",
    - "region":"Upper Limb",
    - "treatment\_set":"1",
    - "repetition":"As tolerated",
    - "resistance":"Red",
    - "resistance\_unit":"lb",
    - "walking\_aids":"Stick Left",
    - "assistive\_device\_1":"AFO",
    - "assistive\_device\_2":"AFO",
    - "weight\_bearing\_status\_1":"FWB",
    - "weight\_bearing\_status\_2":"",
    - "assistance\_device\_2":"2 Assistant",
    - "distance":"",
    - "duration":"5"
  + }
* ],
* "therapeutic\_group\_patient":[
  + {
    - "hosp\_code":"TPH",
    - "dept":"OT",
    - "category":"Caregiver training",
    - "group\_name":"Caregiver Education",
    - "group\_date":"2021/11/18",
    - "selective\_join":"N",
    - "remarks":""
  + }
* ]

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "PT", "OT" |
| last\_updated | Last update datetime | String | No | "2021-11-18 11:22:33.000" |
| status | Status | String | No | "SUCCESS" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "response":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "last\_updated":"2021-11-18 11:22:33.000",
  + "status":"SUCCESS"
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Room List

## DESCRIPTION

Provide a API for retrieving room list (item 2, 40)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "PT", "OT" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "PT", "OT" |
| room\_list | Room List | Object[] | No |  |
| room\_hosp | Hospital code of the room | String | No | "TPH" |
| room\_id | Room Name | String | No | "G037" |
| room\_status | Room Status | String | No | "ACTIVE", "INACTIVE" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "dept":"OT",
  + "hosp\_code":"TPH"
* },
* "response":{
  + "room\_list":[
    - {
      * "room\_id":"G037",
      * "room\_hosp":"TPH",
      * "status":"ACTIVE"
    - },
    - {
      * "room\_id":"G046",
      * "room\_hosp":"TPH",
      * "status":"ACTIVE"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Patient Details Master List

## DESCRIPTION

Provide a API for retrieving patient details master list (item 3-6, 9)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "PT", "OT" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT"

}

SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "HAH" |
| dept | Department | String | No | "PT", "OT" |
| therapist\_list | Therapist List | Object[] | No |  |
| therapist\_id | Therapist ID | String | No | "@CMSIT" |
| therapist\_name | Therapist Name | String | No | "Chan Tai Man" |
| therapist\_rank | Therapist Rank | String | No | "Physiotherapist I" |
| patient\_detail\_type | A Set of properties in patient detail | Object[] | No |  |
| patient\_conditions | Patient Conditions | String | No | "Fall" |
| Status | Status | String | No | "Active" |
| o2 | O2(L/min) | String | No |  |
| wheelchair | Wheelchair | String | No | "W/C Standard 16 inch" |
| precaution\_data | A set of precaution list | object[] | No |  |
| precaution\_id | Precaution ID | String | No | "OT01" |
| precaution\_name | Precaution Name | String | No | "Contact Precaution" |

# 

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "dept":"OT",
  + "hosp\_code":"HAH"
* },
* "response":{
  + "therapist\_list":[
    - {
      * "therapist\_id":"Y2KMED",
      * "therapist\_name":"Wong Tai Man",
      * "therapist\_rank":"OT II",
    - },
    - {
      * "therapist\_id":"@ABCDE",
      * "therapist\_name":"Cheung Tai Man",
      * "therapist\_rank":"OT I",
    - }
  + ],
  + "paitent\_detail\_type":[
    - {
      * "type":"o2",
      * "value":"0.5",
      * "status":"ACTIVE"
    - },
    - {
      * "type":"o2",
      * "value":"0",
      * "status":"ACTIVE"
    - },
    - {
      * "type":"patient\_conditions",
      * "value":"Upper Limb Amputee",
      * "subtype":"Amputee",
      * "status":"ACTIVE"
    - },
    - {
      * "type":"patient\_conditions",
      * "value":"Lower Limb Amputee",
      * "subtype":"Amputee",
      * "status":"ACTIVE"
    - },
    - {
      * "type":"wheelchair",
      * "value":"W/C Standard 18 inch",
      * "status":"ACTIVE"
    - },
    - {
      * "type":"wheelchair",
      * "value":"W/C Standard 16 inch",
      * "status":"ACTIVE"
    - }
  + ],
  + "precaution":[
    - {
      * "precaution\_name":"Contact Precaution",
      * "precaution\_id":"OT01"
    - },
    - {
      * "precaution\_name":"Droplet Precaution",
      * "precaution\_id":"OT02"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":[
  + "Department is invalid"
* ],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Master List Static item for Prescription

## DESCRIPTION

Provide a API for retrieving master list static item (item 11, 13-26)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| room\_id | Room ID | String | No | "G046" |
| dept | Department | String | No | "PT", "OT" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "room\_id":"G046",
* "dept":"OT"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| room\_id | Room ID | String | No | "G046" |
| dept | Department | String | No | "PT", "OT" |
| room\_treatment | A list of treatment in master list | Object[] | No |  |
| treatment\_category | Category name | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | No | "Sand bag" |
| treatment\_doc | Treatment documentation name | String | No | "Limb Mobilization and Strengthening" |
| barcode | Treatment barcode | String | No | "8888401" |
| treatment\_properties | Array of all treatment properties | Object[] | No |  |
| position | Position | String | Yes | "Stand" |
| side | Side / Direction | String | Yes | "Left" |
| region | Region | String | Yes | "Lower Limb" |
| treatment\_set | Set | String | Yes | "10" |
| repetition | Repetition | String | Yes | "As tolerated" |
| resistance | Resistance | String | Yes | "Red" |
| resistance\_unit | Resistance Unit | String | Yes | "kg" |
| walking\_aids | Walking Aids | String | Yes | "Heel-walking Bilateral" |
| assistive\_device\_1 | Assistive Device 1 | String | Yes | "AFO" |
| assistive\_device\_2 | Assistive Device 2 | String | Yes | "AFO" |
| weight\_bearing\_status\_1 | Weight Bearing Status 1 | String | Yes | "Heel-walking Bilateral" |
| weight\_bearing\_status\_2 | Weight Bearing Status 2 | String | Yes | "Heel-walking Bilateral" |
| assistance | Assistance | String | Yes | "Carer" |
| duration | Duration | String | Yes | "60" |
| health\_ref\_value | A set of health reference value | Object[] | Yes |  |
| sbp\_lower | Systolic lower value | int | Yes |  |
| sbp\_upper | Systolic upper value | int | Yes |  |
| dbp\_lower | Diastolic lower value | int | Yes |  |
| dbp\_upper | Diastolic upper value | int | Yes |  |
| spo2 | SpO2 | int | Yes |  |
| pulse\_lower | Pulse lower value | int | Yes |  |
| pulse\_upper | Pulse upper value | int | Yes |  |
| therapeutic\_group\_dept | A set of treatment record | Object[] | Yes |  |
| hosp\_code | hospital code | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| category | therapeutic category | String | No |  |
| group\_name | therapeutic group name | String | No |  |
| start\_date | Start Date | String | No | "2021-11-18" |
| end\_date | End Date | String | No | "2021-11-18" |
| start\_time | Start Time | String | No | "11:00" |
| end\_time | End Time | String | No | "12:00" |
| remarks | Remarks | String | Yes | "ABC" |
| room\_id | Room | String | Yes | "G037" |
| recurrent | Recurrent | String | Yes | "Y", “N” |
| recurrent\_details | Recurrent details | String | Yes | “MON;TUE;FRI” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "room\_id":"G046",
  + "dept":"OT"
* },
* "response":{
  + "room\_treatment":[
    - {
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Power Trainer",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "barcode":"8880539",
      * "status":"ACTIVE"
    - },
    - {
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Sand Bag",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "barcode":"8880542",
      * "status":"ACTIVE"
    - }
  + ],
  + "treatment\_properties":[
    - {"type":"position","value":"Plinth","status":"ACTIVE"},
    - {"type":"position","value":"Stand","status":"ACTIVE"},
    - {"type":"side","value":"Left","status":"ACTIVE"},
    - {"type":"side","value":"Right","status":"ACTIVE"},
    - {"type":"region","value":"Upper Limb","status":"ACTIVE"},
    - {"type":"region","value":"Upper Arm","status":"ACTIVE"},
    - {"type":"repetition","value":"As tolerated","status":"ACTIVE"},
    - {"type":"resistance","value":"As tolerated","status":"ACTIVE"},
    - {"type":"resistance","value":"As tolerated","status":"ACTIVE"},
    - {"type":"resistance","value":"Free Active","status":"ACTIVE"},
    - {"type":"resistance\_unit","value":"lb","status":"ACTIVE"},
    - {"type":"resistance\_unit","value":"kg","status":"ACTIVE"},
    - {"type":"walking\_aids","value":"Stick Left","status":"ACTIVE"},
    - {"type":"walking\_aids","value":"Stick Right","status":"ACTIVE"},
    - {"type":"assistive\_device\_1","value":"AFO","status":"ACTIVE"},
    - {"type":"assistive\_device\_1","value":"Aircast","status":"ACTIVE"},
    - {"type":"assistive\_device\_2","value":"AFO","status":"ACTIVE"},
    - {"type":"assistive\_device\_2","value":"Aircast","status":"ACTIVE"},
    - {"type":"weight\_bearing\_status\_1","value":"FWB","status":"ACTIVE"},
    - {"type":"weight\_bearing\_status\_1","value":"PWB Left","status":"ACTIVE"},
    - {"type":"weight\_bearing\_status\_2","value":"FWB","status":"ACTIVE"},
    - {"type":"weight\_bearing\_status\_2","value":"PWB Left","status":"ACTIVE"},
    - {"type":"assistance","value":"OT Only","status":"ACTIVE"},
    - {"type":"assistance","value":"PCA","status":"ACTIVE"},
    - {"type":"duration","value":"1 min","status":"ACTIVE"},
    - {"type":"duration","value":"5","status":"ACTIVE"}
  + ],
  + "health\_ref\_value":{
    - "sbp\_lower":60,
    - "sbp\_upper":100,
    - "dbp\_lower":60,
    - "dbp\_uppder":100,
    - "spo2":80,
    - "pulse\_lower":30,
    - "pulse\_lower":120
  + },
  + "therapeutic\_group\_dept":[
    - {
      * "hosp\_code":"TPH",
      * "dept":"OT",
      * "category":"Caregiver training",
      * "group\_name":"Caregiver Education",
      * "group\_date":"2021-11-01",
      * "start\_date":"2021-11-01",
      * "end\_date":"2021-11-30",
      * "start\_time":"11:00",
      * "end\_time":"11:00",
      * "remarks":"",
      * "room\_id":"G046",
      * "recurrent":"Y",
      * "recurrent\_details":"MON;TUE;FRI"
    - },
    - {
      * "hosp\_code":"TPH",
      * "dept":"OT",
      * "category":"Caregiver training",
      * "group\_name":"Caregiver Education",
      * "group\_date":"2021-11-18",
      * "start\_date":"2021-11-01",
      * "end\_date":"2021-11-30",
      * "start\_time":"11:00",
      * "end\_time":"11:00",
      * "remarks":"",
      * "room\_id":"G046",
      * "recurrent":"Y",
      * "recurrent\_details":"MON;TUE;FRI"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Room ID is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Room ID is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-01 Query Patient Prescription

## DESCRIPTION

Provide a API for querying patient prescription details (item 1, 7, 27)

API URL

NON-PRODUCTION ENVIRONMENT

<TBC>

## REQUEST

## 

HTTP METHOD

POST

JSON PAYLOAD DESCRIPTION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| dept | Department of User ID | String | No | "PT" |
| case\_no | Episode no of the patient | String | No | "HN06000037Z" |
| hosp\_code | Hospital code of the patient | String | No | "TPH" |

SAMPLE REQUEST PAYLOAD

{

* "login\_id":"@CMSIT",
* "dept":"OT",
* "case\_no":"HN06000037Z",
* "hosp\_code":"TPH"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |  |
| --- | --- |
| JSON RESPONSE DESCRIPTION |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID of the query | String | No | "@CMSIT" |
| hosp\_code | Hospital Code | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| case\_no | Episode no of the patient | String | No | "HN06000037Z" |
| patient\_details | Patient Details | Object[] | No |  |
| req\_no | UUID of the prescription | String | No | "22TPHOT00000001" |
| last\_updated | Last updated date of the prescription  "dd/MM/yyyy HH:mm:ss" | String | No | "2021-11-18 16:04:23" |
| patient\_name | Patient Name | String | No | "Chan Tai Man" |
| ward | Ward | String | No | "5D" |
| bed | Bed no | String | No | "10" |
| room\_id | Room ID | String | No | "4BC" |
| therapist\_id | Therapist ID | String | No | "Y2KMED" |
| patient\_conditions | Patient Conditions | String | No | "Fall" |
| status | Status | String | No | "ACTIVE" |
| discharged | Discharged | String | No | “N” |
| o2 | O2(L/min) | String | No | "1.5" |
| wheelchair | Wheelchair | String | No | "W/C Standard 16 inch" |
| assistive\_device\_1 | Assistive Device 1 | String | No | "AFO" |
| assistive\_device\_2 | Assistive Device 2 | String | No | "AFO" |
| weight\_bearing\_status | Weight Bearing Status | String[] | No | "Heel-walking Bilateral" |
| weight\_bearing\_status\_2 | Weight Bearing Status 2 | String[] | No | "Heel-walking Bilateral" |
| patient\_details\_remarks | Patient Details Remarks | String | No | "ABC" |
| fall\_risk | Fall Risk | String | No | "Y", "N" |
| precautions | Selected precaution | String |  | "OT01;OT02" |
| precautions\_remarks\_1 | Precaution Remark 1 | String | Yes |  |
| precautions\_remarks\_2 | Precaution Remark 2 | String | Yes |  |
| sbp\_lower | systolic lower value | String | Yes | "90" |
| sbp\_upper | systolic upper value | String | Yes | "180" |
| dbp\_lower | Diastolic lower value | String | Yes | "50" |
| dbp\_upper | Diastolic upper value | String | Yes | "100" |
| spo2 | SpO2 | String | Yes | "88" |
| pulse\_lower | Pulse lower value | String | Yes | "60" |
| pulse\_upper | Pulse upper value | String | Yes | "120" |
| continuous\_spo2 | Continuous SpO2 Monitoring | String | Yes | "Y", "N" |
| first\_attend\_login | Login (First Attend) | String | Yes | "YYYY" |
| first\_attend\_logout | Logout (First Attend) | String | Yes | "YYYY" |
| subsequent\_attend\_ login | Login (Subsequent Attend) | String | Yes | "NNNN" |
| subsequent\_attend\_ logout | Logout (Subsequent Attend) | String | Yes | "NNNN" |
| treatment\_data | A set of treatment record | Object[] | Yes |  |
| treatment\_seq | Order of the treatment | String | No | "1" |
| treatment\_optional | Optional | String | Yes | "NA", "3" |
| treatment\_category | Treatment category | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | No | "Sand bag" |
| treatment\_doc | Treatment documentation | String | No | "Limb Mobilization and Strengthening" |
| position | Position | String | Yes | "Stand" |
| side | Side | String | Yes | "Left" |
| region | Region | String | Yes | "Lower Limb" |
| treatment\_set | Set | String | Yes | "10" |
| repetition | Repetition | String | Yes | "As tolerated" |
| resistance | Resistance | String | Yes | "Red" |
| resistance value | Resistance value | String |  | "3" |
| resistance\_unit | Resistance unit | String | Yes | "lb" |
| walking\_aids | Walking Aids | String | Yes | "Heel-walking Bilateral" |
| assistive\_device\_1 | Assistive Device 1 | String | Yes | "AFO" |
| assistive\_device\_2 | Assistive Device 2 | String | Yes | "AFO" |
| weight\_bearing\_status\_1 | Weight Bearing Status 1 | String | Yes | "Heel-walking Bilateral" |
| weight\_bearing\_status\_2 | Weight Bearing Status 2 | String | Yes | "Heel-walking Bilateral" |
| assistance | Assistance | String | Yes | "Carer" |
| distance | Distance | String | Yes | "100 m" |
| duration | Duration | String | Yes | "10" |
| remarks | Treatment Remarks | String | Yes | "ABC" |
| before\_bp | Before BP | String | Yes | "Y", "N" |
| before\_spo2 | Before SpO2 | String | Yes | "Y", "N" |
| after\_bp | After BP | String | Yes | "Y", "N" |
| after\_spo2 | After SpO2 | String | Yes | "Y", "N" |
| handheld\_remark | Handheld Remark | String | Yes | "Y", "N" |

SAMPLE RESPONSE

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "case\_no":"HN06000037Z"
* },
* "response":{
  + "patient\_details":{
    - "req\_no":"22TPHOT0000001",
    - "last\_updated":"18/11/2021 16:04:23",
    - "patient\_name":"Chan Tai Man",
    - "ward":"5D",
    - "bed":"10",
    - "room\_id":"G046",
    - "therapist\_id":"Y2KMED",
    - "patient\_conditions":"Fall",
    - "status":"ACTIVE",
    - "discharged":"N",
    - "o2":"1.5",
    - "wheelchair":"",
    - "assistive\_device\_1":"",
    - "assistive\_device\_2":"",
    - "weight\_bearing\_status\_1":"",
    - "weight\_bearing\_status\_2":"",
    - "patient\_details\_remarks":"ABC",
    - "fall\_risk":"Y",
    - "precautions":"OT01;OT02",
    - "precautions\_remarks\_1":"ABC",
    - "precautions\_remarks\_2":"ABC",
    - "sbp\_lower":90,
    - "sbp\_upper":180,
    - "dbp\_lower":50,
    - "dbp\_upper":10",
    - "spo2":88,
    - "pulse\_lower":60,
    - "pulse\_upper":120,
    - "continuous\_spo2":"Y",
    - "first\_attend\_login":"YYYY",
    - "first\_attend\_logout":"YYYY",
    - "subsequent\_attend\_login":"NNNN",
    - "subsequent\_attend\_logout":"NNNN"
  + },
  + "treatment\_data":[
    - {
      * "treatment\_seq":"1",
      * "treatment\_optional":"2",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Power Trainer",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "position":"Plinth",
      * "side":"Left",
      * "region":"Upper Limb",
      * "treatment\_set":"5",
      * "repetition":"As tolerated",
      * "resistance":"Red",
      * "resistance\_unit":"lb",
      * "walking\_aids":"Stick Left",
      * "assistive\_device\_1":"AFO",
      * "assistive\_device\_2":"AFO",
      * "weight\_bearing\_status\_1":"FWB",
      * "weight\_bearing\_status\_2":"",
      * "assistance\_device\_2":"1 Assistant",
      * "distance":"",
      * "duration":"10"
    - },
    - {
      * "treatment\_seq":"2",
      * "treatment\_optional":"1",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Mini-press",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "position":"Stand",
      * "side":"Left",
      * "region":"Upper Limb",
      * "treatment\_set":"1",
      * "repetition":"As tolerated",
      * "resistance":"Red",
      * "resistance\_unit":"lb",
      * "walking\_aids":"Stick Left",
      * "assistive\_device\_1":"AFO",
      * "assistive\_device\_2":"AFO",
      * "weight\_bearing\_status\_1":"FWB",
      * "weight\_bearing\_status\_2":"",
      * "assistance\_device\_2":"2 Assistant",
      * "distance":"",
      * "duration":"5"
    - }
  + ]
* }

}

## ERROR RESPONSE From Framework(STATUS CODE 4XX)

|  |  |
| --- | --- |
| JSON RESPONSE DESCRIPTION |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Array of all the possible error messages | Number | No | 400 |
| message | Array of all the possible error messages. | String[] | No | userId is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

SAMPLE RESPONSE

{

* "statusCode":400,
* "message":["userId is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway(STATUS CODE 4XX)

|  |  |
| --- | --- |
| JSON RESPONSE DESCRIPTION |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error messages. | String | No | "eyJraWQiOiJYeXRXaTA2aU..."  is not a valid key=value pair |

SAMPLE RESPONSE

{

* "message":"Missing Authentication Token"

}

# API-XX Get Therapeutic Group Data for patient

## DESCRIPTION

Provide a API for retrieving therapeutic data for patient (item 28, 29)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| dept | Department of User ID | String | No | "PT" |
| case\_no | Episode no of the patient | String | No | "HN06000037Z" |
| hosp\_code | Hospital code of the patient | String | No | "TPH" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "dept":"OT",
* "case\_no":"HN06000037Z",
* "hosp\_code":"TPH"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| therapeutic\_group\_patient | Available therapeutic group data | Object[] | Yes |  |
| hosp\_code | Hospital Code | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| category | Therapeutic group category | String | No | "Caregiver training" |
| group\_name | Group list in each category | String | No | "Caregiver Education" |
| selective\_join | Selective join | String | No | "Y", "N" |
| remarks | Remarks | String | Yes | "ABC" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "dept":"OT",
  + "case\_no":"HN06000037Z",
  + "hosp\_code":"TPH"
* },
* "response":{
  + "therapeutic\_group\_patient":[
    - {
      * "selective\_join":"N",
      * "group\_name":"Assistive Device",
      * "dept":"OT",
      * "hosp\_code":"TPH",
      * "category":"Adaptive Coping Strategies",
      * "remarks":"patient remarks 1"
    - },
    - {
      * "selective\_join":"Y",
      * "group\_name":"Caregiver Education",
      * "dept":"OT",
      * "hosp\_code":"TPH",
      * "category":"Caregiver training",
      * "remarks":"patient remarks 2"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Therapeutic Group Category (Master List)

## DESCRIPTION

Provide a API for retrieving therapeutic data for patient (item 98)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| dept | Department of User ID | String | No | "PT" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "dept":"OT"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| category | Therapeutic group category | String | No | "Caregiver training" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "dept":"OT"
* },
* "response":{
  + "category":["Caregiver training","Oncology"]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Therapeutic Group Calendar List

## DESCRIPTION

Provide a API for retrieving therapeutic data for calendar (item 25, 32-34)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| dept | Department of User ID | String | No | "OT" |
| start\_date | Start date (Date from) | String | No | "2021/01/01" |
| end\_date | End date (Date to) | String | No | “2021/12/31” |
| room\_id | Room ID | String | No | “G037”, “ALL” |
| hosp\_code | Hospital Code | String | No | “TPH” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "dept":"OT",
* "start\_date":"2021/01/01",
* "end\_date":"2021/12/31",
* "room\_id":"ALL",
* "hosp\_code":"TPH"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| hosp\_code | Hospital Code | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| therapeutic\_gorup\_dept | Therapeutic group data | Object[] | No |  |
| category | Therapeutic group category | String | No | "Caregiver training" |
| group\_name | Group name | String | No | "Caregiver Education" |
| group\_date | Date of group | String | No | "2021-11-18" |
| start\_date | Start date | String | No | "2021-11-01" |
| end\_date | End date | String | No | "2021-12-31" |
| start\_time | Start time | String | No | "11:00" |
| end\_time | End time | String | No | "12:00" |
| remarks | Remarks | String | Yes | "AAA" |
| room\_id | Room | String | Yes | "G046" |
| recurrent | Recurrent | String | Yes | "Y", “N” |
| recurrent\_details | Recurrent details | String | Yes | “MON;TUE;FRI” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "dept":"OT",
  + "start\_date":"2021/01/01",
  + "end\_date":"2021/12/31",
  + "room\_id":"ALL",
  + "hosp\_code":"TPH"
* },
* "response":{
  + "therapeutic\_group\_dept":[
    - {
      * "hosp\_code":"TPH",
      * "dept":"OT",
      * "category":"Caregiver training",
      * "group\_name":"Caregiver Education",
      * "group\_date":"2021-11-18",
      * "start\_date":"2021-11-01",
      * "end\_date":"2021-11-30",
      * "start\_time":"11:00",
      * "end\_time":"12:00",
      * "remarks":"",
      * "room\_id":"G037",
      * "recurrent":"Y",
      * "recurrent\_details":"MON;TUE;FRI"
    - },{
      * "hosp\_code":"TPH",
      * "dept":"OT",
      * "category":"Caregiver training",
      * "group\_name":"Caregiver Education",
      * "group\_date":"2021-11-22",
      * "start\_date":"2021-11-01",
      * "end\_date":"2021-11-30",
      * "start\_time":"11:00",
      * "end\_time":"12:00",
      * "remarks":"",
      * "room\_id":"G037",
      * "recurrent":"Y",
      * "recurrent\_details":"MON;TUE;FRI"
    - },{
      * "hosp\_code":"TPH",
      * "dept":"OT",
      * "category":"COPD",
      * "group\_name":"COPD",
      * "group\_date":"2021-11-18",
      * "start\_date":"2021-11-01",
      * "end\_date":"2021-11-30",
      * "start\_time":"11:00",
      * "end\_time":"12:00",
      * "remarks":"",
      * "room\_id":"G046",
      * "recurrent":"N"
    - },{
      * "hosp\_code":"TPH",
      * "dept":"OT",
      * "category":"COPD",
      * "group\_name":"COPD",
      * "group\_date":"2021-11-20",
      * "start\_date":"2021-11-01",
      * "end\_date":"2021-11-30",
      * "start\_time":"11:00",
      * "end\_time":"12:00",
      * "remarks":"",
      * "room\_id":"G046",
      * "recurrent":"N"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Therapeutic Group Patient List

## DESCRIPTION

Provide a API for retrieving therapeutic patient list (item 25, 32-34)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| dept | Department of User ID | String | No | "OT" |
| hosp\_code | Hospital Code | String | No | “TPH” |
| category | Therapeutic group category | String | No | “Caregiver training” |
| group\_name | Therapeutic group name | String | No | “Caregiver Education” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "dept":"OT",
* "hosp\_code":"TPH",
* "category":"Caregiver training",
* "group\_name":"Caregiver Education"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| hosp\_code | Hospital Code | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| therapeutic\_patient\_data | Therapeutic group patient data | Object[] | Yes |  |
| case\_no | Case No | String | No | “HN06000037Z” |
| patient\_name | Patient name | String | No | "Chan Tai Man" |
| category | Category | String | No | "Caregiver training" |
| group\_name | Group Name | String | No | "Caregiver Education" |
| selective\_join | Selective Join | String | No | “N” |
| remarks | Remarks | String | No | “Join 01/11” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "dept":"OT",
  + "hosp\_code":"TPH",
  + "category":"Caregiver training",
  + "group\_name":"Caregiver Education"
* },
* "response":{
  + "therapeutic\_patient\_data":[
    - {
      * "case\_no":"HN05000078T",
      * "patient\_name":"Chan Tai Man",
      * "category":"Caregiver training",
      * "group\_name":"Caregiver Education",
      * "selective\_join":"Y",
      * "remarks":"Join 01/11 as trail"
    - },{
      * "case\_no":"HN06000037Z",
      * "patient\_name":"Wong Tai Man",
      * "category":"Caregiver training",
      * "group\_name":"Caregiver Education",
      * "selective\_join":"N"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Therapeutic Group Patient List for handheld

## DESCRIPTION

Provide a API for retrieving therapeutic patient list (item 64)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| dept | Department of User ID | String | No | "OT" |
| room\_id | Room ID | String | No | “G046” |
| hosp\_code | Hospital Code | String | No | “TPH” |
| category | Therapeutic group category | String | No | “Caregiver training” |
| group\_name | Therapeutic group name | String | No | “Caregiver Education” |
| treatment\_date | Treatment date (Today) | String | No | “2021/11/18” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "dept":"OT",
* "hosp\_code":"TPH",
* "room\_id":"G046",
* "category":"Caregiver training",
* "group\_name":"Caregiver Education",
* "treatment\_date":"2021/11/18"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| therapeutic\_patient\_data | Therapeutic group patient data | Object[] | Yes |  |
| case\_no | Case No | String | No | “HN06000037Z” |
| patient\_name | Patient name | String | No | "Chan Tai Man" |
| category | Category | String | No | "Caregiver training" |
| group\_name | Group Name | String | No | "Caregiver Education" |
| selective\_join | Selective Join | String | No | “N” |
| remarks | Remarks | String | No | “Join 01/11” |
| treatment\_datetime | A set of treatment datetime | Object[] | No |  |
| treatment\_start\_dt | Start datetime | String | Yes | “2021/11/18 11:20:00.000” |
| treatment\_end\_dt | End datetime | String | Yes | “2021/11/18 11:20:00.000” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "dept":"OT",
  + "hosp\_code":"TPH",
  + "room\_id":"G046",
  + "category":"Caregiver training",
  + "group\_name":"Caregiver Education",
  + "treatment\_date":"2021/11/18"
* },
* "response":{
  + "therapeutic\_patient\_data":[
    - {
      * "case\_no":"HN05000078T",
      * "patient\_name":"Chan Tai Man",
      * "category":"Caregiver training",
      * "group\_name":"Caregiver Education",
      * "selective\_join":"Y",
      * "remarks":"Join 01/11 as trail",
      * "treatmet\_datetime":[
        + {

"treatment\_start\_dt":"2021/11/18 11:20:00.000",

"treatment\_end\_dt":"2021/11/18 11:25:00.000"

* + - * + },
        + {

"treatment\_start\_dt":"2021/11/18 11:25:00.000",

"treatment\_end\_dt":"2021/11/18 11:30:00.000"

* + - * + }
      * ]
    - },
    - {
      * "case\_no":"HN06000037Z",
      * "patient\_name":"Wong Tai Man",
      * "category":"Caregiver training",
      * "group\_name":"Caregiver Education",
      * "selective\_join":"N",
      * "treatmet\_datetime":[
        + {

"treatment\_start\_dt":"2021/11/18 11:21:00.000",

"treatment\_end\_dt":"2021/11/18 11:25:00.000"

* + - * + }
      * ]
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Therapeutic Group Category and group name

## DESCRIPTION

Provide a API for retrieving therapeutic category and group name (item 35, 36)

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| dept | Department of User ID | String | No | "PT" |
| hosp\_code | Hospital Code | String | No | “TPH” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "dept":"OT",
* "hosp\_code":"TPH",

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| therapeutic\_group\_name | A set of therapeutic group data by hospital | Object[] | No |  |
| category | Therapeutic group category | String | No | "Caregiver training" |
| group\_name | Group name | String | No | “Caregiver Education” |
| status | Status | String | No | “ACTIVE” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "dept":"OT",
  + "hosp\_code":"TPH"
* },
* "response":{
  + "therapeutic\_group\_name":[
    - {

"category":"Caregiver training",

"group\_name":"Caregiver Education",

"status":"ACTIVE"

* + - },
    - {

"category":"Adaptive Coping Strategies",

"group\_name":"Assistive Device",

"status":"ACTIVE"

* + - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Save Therapeutic Group Calendar

## DESCRIPTION

Provide a API for save & update in calendar

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| therapeutic\_group\_dept | Therapeutic group data object | Object[] | No |  |
| hosp\_code | Hospital code | String | No | “TPH” |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| dept | Department of User ID | String | No | "OT" |
| category | Therapeutic group category | String | No | "Caregiver training" |
| group\_name | Therapeutic group name | String | No | “Caregiver Education” |
| group\_date | Group date | String[] | No | “2021/11/18;20/11/2021” |
| start\_date | Start date | String | No | “01/11/2021” |
| end\_start | End date | String | No | “30/11/2021” |
| start\_time | Start time | String | No | “11:00” |
| end\_time | End time | String | No | “12:00” |
| remarks | Remarks | String | Yes | “AAA” |
| room\_id | Room ID | String | No | “G037” |
| recurrent | Recurrent | String | No | “Y” |
| recurrent\_details | Recurrent details | String | No | “MON;TUE;FRI” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "therapeutic\_gorup\_dept":
  + {
    - "hosp\_code":"TPH",
    - "login\_id":"@CMSIT",
    - "dept":"OT",
    - "category":"Caregiver training",
    - "group\_name":"Caregiver Education",
    - "group\_date":"2021/11/18;20/11/2021",
    - "start\_date":"01/11/2021",
    - "end\_date":"30/11/2021",
    - "start\_time":"11:00",
    - "end\_time":"12:00",
    - "remarks":"AAAAA",
    - "room\_id":"G037",
    - "recurrent":"Y",
    - "recurrent\_details":"MON;TUE"
  + }

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| status | Status | String | No | “SUCCESS” |
| message | return message | String | Yes | “” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "response":{
  + "status":"SUCCESS",
  + "message":"",
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# Handheld

# API-XX Patient Check in and out

## DESCRIPTION

Provide a API for check in and out patient of the room

## API URL

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| room\_id | Room ID | String | No | "G046" |
| case\_no | Episode no of the patient | String | No | "HN06000037Z" |
| dept | Department | String | No | “OT” |
| action | Action code | String | No | "CHECKIN", "CHECKOUT", “PRE-EXIT” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "room\_id":"G046",
* "case\_no":"HN06000037Z",
* "action\_code":"CHECKIN"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| process\_datetime | Check in / out datetime | String | No | "08/11/2021 11:22:33" |
| patient\_name | Patient Name | String | No | "Chan Tai Man" |
| precautions | selected precautions | String | Yes | “OT01;OT02” |
| **precautions\_remarks\_1** | precaution remark 1 | String | Yes | “AAA” |
| precautions\_remarks\_2 | precaution remark 2 | String | Yes | “BBB” |
| continuous\_spo2 | Continuous SpO2 | String | Yes | “Y” |
| first\_attend\_login | Login (First Attend) | String | Yes | “YYYY” |
| first\_attend\_logout | Logout (First Attend) | String | Yes | “NNNN” |
| subsequnet\_attend\_login | Login (Subsequent Attend) | String | Yes | “YNYN” |
| subsequnet\_attend\_login | Logout (Subsequent Attend) | String | Yes | “NYNY” |
| current\_treatment | Current treatment | String | Yes | “Mini-press” |
| status | status | String | Yes | “LOGIN SUCCESS”, “LOGOUT SUCCESS”, “PRE-EXIT” |
| fall\_risk | Fall risk | String | Yes | “Y”, “N” |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

Action = “IN” / “PRE-EXIT”

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "room\_id":"G046",
  + "case\_no":"HN06000037Z",
  + "action":"CHECKIN"
* },
* "response":{
  + "process\_datetime":"08/11/2021 11:22:33",
  + "patient\_name":"Chan Tai Man",
  + "precautions":"OT01;OT02",
  + "precautions\_remarks\_1":"AAA",
  + "precautions\_remarks\_2":"NNN",
  + "continuous\_spo2":"Y",
  + "first\_attend\_login":"YYYY",
  + "first\_attend\_logout":"YYYY",
  + "subsequnet\_attend\_login":"YYYY",
  + "subsequnet\_attend\_login":"YYYY",
  + "status":"CHECKIN SUCCESS”,
  + "fall\_risk":"Y”
* }

}

Action = “OUT” / “PRE-EXIT”

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "room\_id":"G046",
  + "case\_no":"HN06000037Z",
  + "action":"CHECKOUT"
* },
* "response":{
  + "process\_datetime":"08/11/2021 11:22:33",
  + "patient\_name":"Chan Tai Man",
  + "precautions":"OT01;OT02",
  + "precautions\_remarks\_1":"AAA",
  + "precautions\_remarks\_2":"NNN",
  + "continuous\_spo2":"Y",
  + "first\_attend\_login":"YYYY",
  + "first\_attend\_logout":"YYYY",
  + "subsequnet\_attend\_login":"NNNN",
  + "subsequnet\_attend\_login":"NNNN",
  + "status":"CHECKOUT SUCCESS”
* }

}

## ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Case no is invalid |
| status | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |  |  |
| --- | --- | --- |
| Scenario | Display Message | StatusCode |
| Case number not found in RAMS | 沒有此病人或活動 | E001 |
| Patient attended wrong gym room  For example: The patient is prescribed to attend G046 but the staff scan the patient's wristband in G037 | 錯誤到診 !!! 病人應到：G046 | E002 |
| Patient has entered the gym room but the staff scan the wristband for entering the gym room again | 病人已進入治療室 | E003 |
| The patient is registered in RAMS but not yet entered the gym room, staff scan the wristband for leaving the gym room | 病人沒有進入治療室 | E004 |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Case no is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get current treatment in gym room for patient

## DESCRIPTION

Provide a API for retrieving current treatment in gym room

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| room\_id | Room ID | String | No | "G046" |
| dept | Department | String | No | “OT” |
| case\_no | Case no | String | No | “HN06000037Z” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "room\_id":"G046",
* "dept":"OT",
* "case\_no":"HN06000037Z"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| treatment\_data | A set of current treatment data | Object[] | No |  |
| case\_no | Case no | String | No | "HN06000037Z" |
| req\_no | Request no | String | No | "22TPHOT00000001" |
| patient\_name\_chi | Patient name (Chinese) | String | Yes | “陳大文” |
| patient\_name\_eng | Patient name (English) | String | Yes | “Chan Tai Man” |
| ward | Ward | String | Yes | “5D” |
| bed | Bed | String | Yes | “20” |
| spo2 | SpO2 limit | int | Yes | 88 |
| continuous\_spo2 | Continuous SpO2 | String | Yes | “N” |
| pulse\_lower | Pulse lower limit | int | Yes | 40 |
| pulse\_upper | Pulse upper limit | int | Yes | 140 |
| precautions | Selected precautions | String | Yes | “OT01;OT02;” |
| current\_treatment | Current treatment of the patient | String | Yes | “Mini-press” |
| treatment\_duration | Treatment duration | String | Yes | “10” |
| fall\_risk | Fall risk | String | No | “Y” |
| last\_updated | Last updated datetime | String | No | “2021/11/18 11:22:33.000” |
| system\_dtm | System datetime | String | No | “2021/11/18 11:22:33.000” |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "room\_id":"G046",
  + "dept":"OT",
  + "case\_no":"HN06000037Z"
* },
* "response":{
  + "treatment\_data":[
    - {
      * "case\_no":"HN06000037Z",
      * "req\_no":"22TPHOT00000001",
      * "patient\_name\_chi":"陳大文",
      * "patient\_name\_eng":"Chan Tai Man",
      * "ward":"5D",
      * "bed":"20",
      * "spo2":88,
      * "continuous\_spo2":"N",
      * "pulse\_lower":40,
      * "pulse\_upper":140,
      * "precautions":"OT01;OT02",
      * "current\_treatment":"Mini-press",
      * "treatment\_duration":"10",
      * "fall\_risk":"Y",
      * "last\_updated":"2021/11/18 11:22:33.000"
    - }],
    - "system\_dtm":"2021/11/18 11:22:33.000"
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Treatment code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Treatment code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get treatment record for patient

## DESCRIPTION

Provide a API for retrieving treatment record for patient

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | “OT” |
| case\_no | Case no | String | No | “HN06000037Z” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "case\_no":"HN06000037Z"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| treatment\_record | A set of treatment record of the patient | Object[] | Yes |  |
| hosp\_code | Hospital Code | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| treatment\_record\_id | Treatment record ID | String | No | "22TPHOTM0000001" |
| treatment\_start\_dt | Datetime of treatment start | String | No | "2021/11/18 11:22:33.000" |
| treatment\_end\_dt | Datetime of treatment end | String | No | "2021/11/18 11:30:00.000" |
| treatment\_start\_by | Start by | String | No | "@CMSIT" |
| treatment\_end\_by | End by | String | No | "@CMSIT" |
| last\_updated | Last updated datetime | String | No | "2021/11/18 11:30:00.000" |
| treatment\_category | Treatment category | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | No | "Sand bag" |
| treatment\_doc | Treatment documentation | String | No | "Limb Mobilization and Strengthening" |
| position | Position | String | Yes | "Stand" |
| side | Side | String | Yes | "Left" |
| region | Region | String | Yes | "Lower Limb" |
| treatment\_set | Set | String | Yes | "10" |
| repetition | Repetition | String | Yes | "As tolerated" |
| resistance | Resistance | String | Yes | "Red" |
| resistance value | Resistance value | String |  | "3" |
| resistance\_unit | Resistance unit | String | Yes | "lb" |
| walking\_aids | Walking Aids | String | Yes | "Heel-walking Bilateral" |
| assistive\_device\_1 | Assistive Device 1 | String | Yes | "AFO" |
| assistive\_device\_2 | Assistive Device 2 | String | Yes | "AFO" |
| weight\_bearing\_status\_1 | Weight Bearing Status 1 | String | Yes | "Heel-walking Bilateral" |
| weight\_bearing\_status\_2 | Weight Bearing Status 2 | String | Yes | "Heel-walking Bilateral" |
| assistance | Assistance | String | Yes | "Carer" |
| distance | Distance | String | Yes | "100 m" |
| duration | Duration | String | Yes | "10" |
| handheld\_remarks | Treatment Remarks (Handheld) | String | Yes | "ABC" |
| before\_bp | Before BP | String | Yes | "Y", "N" |
| before\_spo2 | Before SpO2 | String | Yes | "Y", "N" |
| after\_bp | After BP | String | Yes | "Y", "N" |
| after\_spo2 | After SpO2 | String | Yes | "Y", "N" |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "case\_no":"HN06000037Z"
* },
* "response":{
  + "treatment\_record":[
    - {
      * "hosp\_code":"TPH",
      * "dept":"OT",
      * "treatment\_record\_id":"22TPHAHOT000001",
      * "treatment\_start\_dt":"2021/11/18 11:22:33.000",
      * "treatment\_end\_dt":"2021/11/18 11:30:00.000",
      * "treatment\_start\_by":"@CMSIT",
      * "treatment\_end\_by":"@CMSIT",
      * "last\_updated":"2021/11/18 11:30:00.000",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Power Trainer",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "position":"Plinth",
      * "side":"Left",
      * "region":"Upper Limb",
      * "treatment\_set":"5",
      * "repetition":"As tolerated",
      * "resistance":"Red",
      * "resistance\_unit":"lb",
      * "walking\_aids":"Stick Left",
      * "assistive\_device\_1":"AFO",
      * "assistive\_device\_2":"AFO",
      * "weight\_bearing\_status\_1":"FWB",
      * "weight\_bearing\_status\_2":"",
      * "assistance\_device\_2":"1 Assistant",
      * "distance":"",
      * "duration":"10",
      * "handheld\_remarks":"ABCDE",
      * "before\_bp":"N",
      * "before\_spo2":"N",
      * "after\_bp":"N",
      * "after\_spo2":"N"
    - },
    - {
      * "treatment\_record\_id":"22TPHAHOT000002",
      * "treatment\_start\_dt":"2021/11/18 15:22:33.000",
      * "treatment\_end\_dt":"2021/11/18 15:30:00.000",
      * "treatment\_start\_by":"@CMSIT",
      * "treatment\_end\_by":"@CMSIT",
      * "last\_updated":"2021/11/18 11:30:00.000",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Sand Bag",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "position":"Plinth",
      * "side":"Left",
      * "region":"Upper Limb",
      * "treatment\_set":"5",
      * "repetition":"As tolerated",
      * "resistance":"Red",
      * "resistance\_unit":"lb",
      * "walking\_aids":"Stick Left",
      * "assistive\_device\_1":"AFO",
      * "assistive\_device\_2":"AFO",
      * "weight\_bearing\_status\_1":"FWB",
      * "weight\_bearing\_status\_2":"",
      * "assistance\_device\_2":"1 Assistant",
      * "distance":"",
      * "duration":"10",
      * "handheld\_remarks":"15",
      * "before\_bp":"N",
      * "before\_spo2":"N",
      * "after\_bp":"N",
      * "after\_spo2":"N"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Treatment code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Treatment code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Set Treatment Details

## DESCRIPTION

Provide a API for start and end treatment in gym room

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | “OT” |
| room\_id | Room ID | String | No | "G046" |
| case\_no | Episode no of the patient | String | No | "HN06000037Z" |
| barcode | Barcode | String | No | “8888401” |
| action | Action code | String | No | “START”, “END” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "room\_id":"G046",
* "case\_no":"HN06000037Z",
* "barcode":"8888401",
* "action":"START"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| room\_id | Room ID | String | No | "G046" |
| case\_no | Episode no of the patient | String | No | "HN06000037Z" |
| barcode | Treatment code | String | No | "8888401" |
| status | Status | String | No | “START SUCCESS”, “END SUCCESS” |
| treatment\_record | A set of treatment record | Object[] | Yes |  |
| treatment\_record\_id | Treatment record ID | String | No | “22TPHOTTM000001” |
| treatment\_start\_dt | Treatment start time | String | No | “2021/11/18 11:22:33.000” |
| treatment\_end\_dt | Treatment end time | String | Yes | “2021/11/18 11:30:33.000” |
| treatment\_start\_by | Treatment start by | String | No | “@CMSIT” |
| treatment\_end\_by | Treatment end by | String | Yes | “@CMSIT” |
| treatment\_seq | Order of the treatment | String | No | "1" |
| treatment\_optional | Optional | String | Yes | "NA", "3" |
| treatment\_category | Treatment category | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | No | "Sand bag" |
| treatment\_doc | Treatment documentation | String | No | "Limb Mobilization and Strengthening" |
| position | Position | String | Yes | "Stand" |
| side | Side | String | Yes | "Left" |
| region | Region | String | Yes | "Lower Limb" |
| treatment\_set | Set | String | Yes | "10" |
| repetition | Repetition | String | Yes | "As tolerated" |
| resistance | Resistance | String | Yes | "Red" |
| resistance value | Resistance value | String |  | "3" |
| resistance\_unit | Resistance unit | String | Yes | "lb" |
| walking\_aids | Walking Aids | String | Yes | "Heel-walking Bilateral" |
| assistive\_device\_1 | Assistive Device 1 | String | Yes | "AFO" |
| assistive\_device\_2 | Assistive Device 2 | String | Yes | "AFO" |
| weight\_bearing\_status\_1 | Weight Bearing Status 1 | String | Yes | "Heel-walking Bilateral" |
| weight\_bearing\_status\_2 | Weight Bearing Status 2 | String | Yes | "Heel-walking Bilateral" |
| assistance | Assistance | String | Yes | "Carer" |
| distance | Distance | String | Yes | "100 m" |
| duration | Duration | String | Yes | "10" |
| remarks | Treatment Remarks | String | Yes | "ABC" |
| before\_bp | Before BP | String | Yes | "Y", "N" |
| before\_spo2 | Before SpO2 | String | Yes | "Y", "N" |
| after\_bp | After BP | String | Yes | "Y", "N" |
| after\_spo2 | After SpO2 | String | Yes | "Y", "N" |
| handheld\_remark | Handheld Remark | String | Yes | "Y", "N" |
| handheld\_remark\_details | Handheld Remark | String | Yes | “AAAAA” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "room\_id":"G046",
  + "case\_no":"HN06000037Z",
  + "barcode":"8888401",
  + "action":"START"
* },
* "response":{
  + "treatment\_record":[
    - {
      * "treatment\_record\_id":"22TPHOTTM000001",
      * "treatment\_start\_dt":"2021/11/18 11:22:33.000",
      * "treatment\_end\_dt":"",
      * "treatment\_start\_by":"@CMSIT",
      * "treatment\_end\_by":"",
      * "treatment\_seq":"1",
      * "treatment\_optional":"2",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Power Trainer",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "position":"Plinth",
      * "side":"Left",
      * "region":"Upper Limb",
      * "treatment\_set":"5",
      * "repetition":"As tolerated",
      * "resistance":"Red",
      * "resistance\_unit":"lb",
      * "walking\_aids":"Stick Left",
      * "assistive\_device\_1":"AFO",
      * "assistive\_device\_2":"AFO",
      * "weight\_bearing\_status\_1":"FWB",
      * "weight\_bearing\_status\_2":"",
      * "assistance\_device\_2":"1 Assistant",
      * "distance":"",
      * "duration":"10",
      * "remarks":"AAAAA",
      * "before\_bp":"Y",
      * "before\_spo2":"Y",
      * "after\_bp":"Y",
      * "after\_spo2":"Y",
      * "handheld\_remark":"Y"
      * "handheld\_remark\_details":""
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Treatment code is invalid |
| status | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |  |  |
| --- | --- | --- |
| Scenario | Display Message | StatusCode |
| Scan the valid treatment barcode which is not prescribed by patient | 活動不存在! :8888001 | E005 |
| Scan the invalid treatment barcode |
| Scan the treatment barcode which is inactive at that gym room | 此活動已被停用(Inactive)! | E006 |
| Scan the same treatment barcode when the patient has started training - patient is in treatment | 活動已在進行中: Adapted Utensils | E007 |
| Scan another treatment barcode when the patient has started training | 其他活動正在進行中，請先完成!: Adapted Utensils | E008 |
| set end to the treatment but the Patient is NOT in treatment |  | E009 |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Treatment code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Set Therapeutic group

## DESCRIPTION

Provide a API for start therapeutic group in gym room

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | “OT” |
| room\_id | Room ID | String | No | "G046" |
| case\_no | Episode no of the patient | String[] | No | "HN06000037Z" |
| treatment\_category | Therapeutic group category | String | No | “Caregiver training” |
| treatment\_name | Therapeutic group name | String | No | “Caregiver Education” |
| action | Action code | String | No | “START”, “END” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "room\_id":"G046",
* "case\_no":"HN06000037Z;HN05000078T",
* "treatment\_category":"Caregiver training",
* "treatment\_name":"Caregiver Education",
* "action":"END"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| room\_id | Room ID | String | No | "G046" |
| case\_no | Episode no of the patient | String | No | "HN06000037Z;HN05000078T" |
| barcode | Treatment code | String | No | "8888401" |
| treatment\_record | A set of treatment record | Object[] | Yes |  |
| case\_no | Case No | String | No | “HN06000037Z” |
| treatment\_start\_dt | Treatment start time | String | No | “2021/11/18 11:22:33.000” |
| treatment\_end\_dt | Treatment end time | String | Yes | “2021/11/18 11:30:33.000” |
| treatment\_start\_by | Treatment start by | String | No | “@CMSIT” |
| treatment\_end\_by | Treatment end by | String | Yes | “@CMSIT” |
| treatment\_category | Therapeutic group category | String | No | "Caregiver training" |
| treatment\_name | Therapeutic group name | String | No | "Caregiver Education" |
| treatment\_doc | Treatment documentation | String | No | "TherapeuticGroupTreatment" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "room\_id":"G046",
  + "case\_no":"HN06000037Z;HN05000078T",
  + "treatment\_category":"Caregiver training",
  + "treatment\_name":"Caregiver Education",
  + "action":"END"
* },
* "response":{
  + "treatment\_record":[
    - {
      * "case\_no":"HN06000037Z",
      * "treatment\_start\_dt":"2021/11/18 11:22:33.000",
      * "treatment\_end\_dt":"2021/11/18 11:30:33.000",
      * "treatment\_start\_by":"@CMSIT",
      * "treatment\_end\_by":"@CMSIT",
      * "treatment\_category":"Caregiver training",
      * "treatment\_name":"Caregiver Education",
      * "treatment\_doc":"TherapeuticGroupTreatment",
    - },{
      * "case\_no":"HN05000078T",
      * "treatment\_start\_dt":"2021/11/18 11:20:33.000",
      * "treatment\_end\_dt":"2021/11/18 11:30:33.000",
      * "treatment\_start\_by":"@CMSIT",
      * "treatment\_end\_by":"@CMSIT",
      * "treatment\_category":"Caregiver training",
      * "treatment\_name":"Caregiver Education",
      * "treatment\_doc":"TherapeuticGroupTreatment",
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Treatment code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Treatment code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX User Login

## DESCRIPTION

Provide a API for user login

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| password | Password | String | No | “abc123” |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department (Optional) | String | No | “OT” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "password":"abc123",
* "hosp\_code":"TPH",
* "dept":"OT"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| dept | Department | String | No | “OT” |
| status | Status | String | No | “SUCCESS” |
| message | Message (If login fail) | String | Yes | “Wrong Password” |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "password":"abc123",
  + "hosp\_code":"TPH",
  + "dept":"OT"
* },
* "response":{
  + "dept":"OT",
  + "status":"SUCCESS"
* }

}

“FAIL”:

{

* "request":{
  + "login\_id":"@CMSIT",
  + "password":"abc123",
  + "hosp\_code":"TPH",
  + "dept":"OT"
* },
* "response":{
  + "status":"FAIL",
  + "message":["Login ID is invalid"]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Treatment code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Treatment code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Update treatment handheld remarks

## DESCRIPTION

Provide a API for updating treatment handheld remarks

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department (Optional) | String | No | “OT” |
| room\_id | Room ID | String | No | “G046” |
| case\_no | case no | String | No | “HN06000037Z” |
| treatment\_record\_id | Treatment record ID | String | No | "22TPHOTM0000001" |
| handheld\_remark\_details | Handheld remark details | String | No | “This is remark text” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "room\_id":"G046",
* "case\_no":"HN06000037Z",
* "treatment\_record\_id":"22TPHOTTM00000009",
* "handheld\_remark\_details":"This is remark”

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| treatment\_record | A set of treatment record | Object[] | Yes |  |
| treatment\_record\_id | Treatment record ID | String | No | “22TPHOTTM000001” |
| treatment\_start\_dt | Treatment start time | String | No | “2021/11/18 11:22:33.000” |
| treatment\_end\_dt | Treatment end time | String | Yes | “2021/11/18 11:30:33.000” |
| treatment\_start\_by | Treatment start by | String | No | “@CMSIT” |
| treatment\_end\_by | Treatment end by | String | Yes | “@CMSIT” |
| treatment\_seq | Order of the treatment | String | No | "1" |
| treatment\_optional | Optional | String | Yes | "NA", "3" |
| treatment\_category | Treatment category | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | No | "Sand bag" |
| treatment\_doc | Treatment documentation | String | No | "Limb Mobilization and Strengthening" |
| position | Position | String | Yes | "Stand" |
| side | Side | String | Yes | "Left" |
| region | Region | String | Yes | "Lower Limb" |
| treatment\_set | Set | String | Yes | "10" |
| repetition | Repetition | String | Yes | "As tolerated" |
| resistance | Resistance | String | Yes | "Red" |
| resistance value | Resistance value | String |  | "3" |
| resistance\_unit | Resistance unit | String | Yes | "lb" |
| walking\_aids | Walking Aids | String | Yes | "Heel-walking Bilateral" |
| assistive\_device\_1 | Assistive Device 1 | String | Yes | "AFO" |
| assistive\_device\_2 | Assistive Device 2 | String | Yes | "AFO" |
| weight\_bearing\_status\_1 | Weight Bearing Status 1 | String | Yes | "Heel-walking Bilateral" |
| weight\_bearing\_status\_2 | Weight Bearing Status 2 | String | Yes | "Heel-walking Bilateral" |
| assistance | Assistance | String | Yes | "Carer" |
| distance | Distance | String | Yes | "100 m" |
| duration | Duration | String | Yes | "10" |
| remarks | Treatment Remarks | String | Yes | "ABC" |
| before\_bp | Before BP | String | Yes | "Y", "N" |
| before\_spo2 | Before SpO2 | String | Yes | "Y", "N" |
| after\_bp | After BP | String | Yes | "Y", "N" |
| after\_spo2 | After SpO2 | String | Yes | "Y", "N" |
| handheld\_remark | Handheld Remark | String | Yes | "Y", "N" |
| handheld\_remark\_details | Handheld Remark | String | Yes | “AAAAA” |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "room\_id":"G046",
  + "case\_no":"HN06000037Z",
  + "treatment\_record\_id":"22TPHOTTM00000009",
  + "handheld\_remark\_details":"This is remark”
* },
* "response":{
  + "treatment\_record":[
    - {
      * "treatment\_record\_id":"22TPHOTTM00000009",
      * "treatment\_start\_dt":"2021/11/18 11:22:33.000",
      * "treatment\_end\_dt":"",
      * "treatment\_start\_by":"@CMSIT",
      * "treatment\_end\_by":"",
      * "treatment\_seq":"1",
      * "treatment\_optional":"2",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Power Trainer",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "position":"Plinth",
      * "side":"Left",
      * "region":"Upper Limb",
      * "treatment\_set":"5",
      * "repetition":"As tolerated",
      * "resistance":"Red",
      * "resistance\_unit":"lb",
      * "walking\_aids":"Stick Left",
      * "assistive\_device\_1":"AFO",
      * "assistive\_device\_2":"AFO",
      * "weight\_bearing\_status\_1":"FWB",
      * "weight\_bearing\_status\_2":"",
      * "assistance\_device\_2":"1 Assistant",
      * "distance":"",
      * "duration":"10",
      * "remarks":"AAAAA",
      * "before\_bp":"Y",
      * "before\_spo2":"Y",
      * "after\_bp":"Y",
      * "after\_spo2":"Y",
      * "handheld\_remark":"Y"
      * "handheld\_remark\_details":"This is remark"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Treatment code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Treatment code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# 

# Batch operation

# API-XX Get Batch Operation Patient List

## DESCRIPTION

Provide a API for get batch operation Patient

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | “OT”, “PT” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "hosp\_code":"OT"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| patient\_requests | A set of patient details in the room | Object[] | No |  |
| case\_no | Case no | String | No | "HN06000037Z" |
| req\_no | Request No | String | No | “22TPHOT00000001” |
| status | Status | String | No | “ACTIVE”, “INACTIVE” |
| patient\_name | Patient name | String | No | "Chan Tai Man" |
| ward | Ward | String | No | "5D" |
| bed | Bed | String | No | "20" |
| room\_id | Assigned room for patient | String | No | "G037" |
| therapist\_id | Therapist ID | String | No | "Y2KMED" |
| subsequent\_attend\_login | Subsequent attend (Login) | String | No | "YYYY" |
| subsequent\_attend\_logout | Subsequent attend (Logout) | String | No | “NNNN” |
| last\_updated | Last updated datetime | String | No | “2021/11/18 11:22:33.000” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "hosp\_code":"OT"
* },
* "response":{
  + "patient\_requests":[
    - {
      * "case\_no":"HN06000037Z",
      * "req\_no":"22TPHOT00000001",
      * "patient\_name":"Chan Tai Man",
      * "ward":"5D",
      * "bed":"20",
      * "room\_id":"G046",
      * "status":"ACTIVE",
      * "therapist\_id":"Y2KMED",
      * "subsequent\_attend\_login":"YYYY",
      * "subsequent\_attend\_logout":"NNNN",
      * "last\_updated":"2021/11/18 11:22:33.000"
    - },
    - {
      * "case\_no":"HN05000078T",
      * "req\_no":"22TPHOT00000002",
      * "patient\_name":"Wong Tai Man",
      * "ward":"5D",
      * "bed":"25",
      * "room\_id":"G046",
      * "status":"ACTIVE",
      * "therapist\_id":"Y2KMED",
      * "subsequent\_attend\_login":"YNYN",
      * "subsequent\_attend\_logout":"NYNY",
      * "last\_updated":"2021/11/18 11:30:00.000"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Set Batch Operation

## DESCRIPTION

Provide a API for set batch operation

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| action | Action Code (refer to table below) | String | No | “1” |
| patient\_requests | A set of patient details in the room | Object[] | No |  |
| case\_no | Case no | String | No | "HN06000037Z" |
| req\_no | Request No | String | No | “22TPHOT00000001” |
| patient\_name | Patient name | String | No | "Chan Tai Man" |
| ward | Ward | String | No | "5D" |
| bed | Bed | String | No | "20" |
| room\_id | Assigned room for patient | String | No | "G037" |
| therapist\_id | Therapist ID | String | No | "Y2KMED" |
| subsequent\_attend\_login | Subsequent attend (Login) | String | No | "YYYY" |
| subsequent\_attend\_logout | Subsequent attend (Logout) | String | No | “NNNN” |
| status | Status | String | No | “ACTIVE”, “INACTIVE” |

# 

|  |  |
| --- | --- |
| Action | Description |
| 1 | 到場見治療師 |
| 2 | 離場見治療師 |
| 3 | 到場、離場見治療師 |
| 4 | 取消到場見治療師 |
| 5 | 取消離場見治療師 |
| 6 | 取消到場、離場見治療師 |
| 7 | Batch Change Gym Room |
| 8 | Batch Change Therapists |
| 9 | In-active |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "action":"1",
* "patient\_requests":[
  + {
    - "case\_no":"HN06000037Z",
    - "req\_no":"22TPHOT00000001",
    - "patient\_name":"Chan Tai Man",
    - "ward":"5D",
    - "bed":"20",
    - "room\_id":"G046",
    - "therapist\_id":"Y2KMED",
    - "subsequent\_attend\_login":"YYYY",
    - "subsequent\_attend\_logout":"NNNN"
  + },
  + {
    - "case\_no":"HN05000078T",
    - "req\_no":"22TPHOT00000002",
    - "patient\_name":"Wong Tai Man",
    - "ward":"5D",
    - "bed":"25",
    - "room\_id":"G046",
    - "therapist\_id":"Y2KMED",
    - "subsequent\_attend\_login":"YNYN",
    - "subsequent\_attend\_logout":"NYNY"
  + }
* ]

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| status | Status of the action | String | No | "SUCCESS" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH"
* },
* "response":{
  + "status":"SUCCESS",
  + "patient\_requests":[
    - {
      * "case\_no":"HN06000037Z",
      * "req\_no":"22TPHOT00000001",
      * "patient\_name":"Chan Tai Man",
      * "ward":"5D",
      * "bed":"20",
      * "room\_id":"G046",
      * "therapist\_id":"Y2KMED",
      * "subsequent\_attend\_login":"YYYY",
      * "subsequent\_attend\_logout":"NNNN",
      * "last\_updated":"20/11/2021 11:22:33.000"
    - },
    - {
      * "case\_no":"HN05000078T",
      * "req\_no":"22TPHOT00000002",
      * "patient\_name":"Wong Tai Man",
      * "ward":"5D",
      * "bed":"25",
      * "room\_id":"G046",
      * "therapist\_id":"Y2KMED",
      * "subsequent\_attend\_login":"YNYN",
      * "subsequent\_attend\_logout":"NYNY",
      * "last\_updated":"20/11/2021 11:30:00.000"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# Admin

# API-XX Get Treatment Master List by room

## DESCRIPTION

Provide a API for retrieving treatment master list

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| room\_id | Room ID | String | No | “G046” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "room\_id":"G046"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| room\_treatment | A set of treatment data in master list | Object[] | No |  |
| treatment\_category | Treatment category | String | No | “Mobilization and strengthening” |
| treatment\_name | Treatment name | String | No | “Power Trainer” |
| treatment\_doc | Treatment Doc | String | No | “Limb Mobilization and strengthening” |
| barcode | Barcode | String | No | “8880539” |
| status | Status | String | No | “ACTIVE” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "room\_id":"G046"
* },
* "response":{
  + "room\_treatment":[
    - {
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Power Trainer",
      * "treatment\_doc":"Limb Mobilization and strengthening",
      * "barcode":"8880539",
      * "status":"ACTIVE"
    - },
    - {
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Pro II",
      * "treatment\_doc":"Limb Mobilization and strengthening",
      * "barcode":"8880540",
      * "status":"ACTIVE"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Update Treatment Master List by room

## DESCRIPTION

Provide a API for retrieving treatment master list

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| room\_id | Room ID | String | No | “G046” |
| room\_treatment | A set of treatment data in master list | Object[] | No |  |
| treatment\_category | Treatment category | String | No | “Mobilization and strengthening” |
| treatment\_name | Treatment name | String | No | “Power Trainer” |
| treatment\_doc | Treatment Doc | String | No | “Limb Mobilization and strengthening” |
| barcode | Barcode | String | No | “8880539” |
| status | Status | String | No | “ACTIVE” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "room\_id":"G046",
* "room\_treatment":[

{

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"Power Trainer",

"treatment\_doc":"Limb Mobilization and strengthening",

"barcode":"8880539",

"room\_id":"G046",

"status":"ACTIVE"

},

{

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"Pro II",

"treatment\_doc":"Limb Mobilization and strengthening",

"barcode":"8880540",

"room\_id":"G046",

"status":"ACTIVE"

}

* ]

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| status | Status | String | No | “SUCCESS” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "room\_id":"G046",
  + "room\_treatment":[
    - {
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Power Trainer",
      * "treatment\_doc":"Limb Mobilization and strengthening",
      * "barcode":"8880539",
      * "room\_id":"G046",
      * "status":"ACTIVE"
    - },
    - {
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Pro II",
      * "treatment\_doc":"Limb Mobilization and strengthening",
      * "barcode":"8880540",
      * "room\_id":"G046",
      * "status":"ACTIVE"
    - }
  + ]
* },
* "response":{
  + "status":"SUCCESS"
  + }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Category Master List by hosp

## DESCRIPTION

Provide a API for retrieving category master list

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| category\_dept | A set of category data in master list | Object[] | No |  |
| treatment\_category | Treatment category | String | No | “Mobilization and strengthening” |
| status | Status | String | No | “ACTIVE” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT"
* },
* "response":{
  + "category\_dept":[
    - {
      * "treatment\_category":"Mobilization and strengthening",
      * "status":"ACTIVE"
    - },
    - {
      * "treatment\_category":"Oxygen therapy",
      * "status":"ACTIVE"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Update Category Master List by hosp

## DESCRIPTION

Provide a API for update category master list

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| category\_dept | A set of category data in master list | Object[] | No |  |
| treatment\_category | Treatment category | String | No | “Mobilization and strengthening” |
| status | Status | String | No | “ACTIVE” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",

"category\_dept":[

{

"treatment\_category":"Mobilization and strengthening",

"status":"ACTIVE"

},

{

"treatment\_category":"Oxygen therapy",

"status":"ACTIVE"

}

]

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| status | Status | String | No | “SUCCESS” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",

"category\_dept":[

{

"treatment\_category":"Mobilization and strengthening",

"status":"ACTIVE"

},

{

"treatment\_category":"Oxygen therapy",

"status":"ACTIVE"

}

]

* },
* "response":{
  + "status":"SUCCESS"
  + }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Treatment Properties Master List

## DESCRIPTION

Provide a API for retrieving treatment properties master list

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| type | Type | String | No | “side” |

# 

Type:

|  |  |
| --- | --- |
| PT | OT |
| assistance | assistance |
| assistive\_device\_1 | assistive\_device\_1 |
| assistive\_device\_2 | assistive\_device\_2 |
| duration | duration |
| position | position |
| repetition | side |
| resistance | walking\_aids |
| resustance\_unit | weight\_bearing\_status\_1 |
| side | weight\_bearing\_status\_2 |
| treatment\_set |  |
| walking\_aids |  |
| weight\_bearing\_status\_1 |  |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "type":"side"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| treatment\_properties\_dept | A set of treatment properties in master list | Object[] | No |  |
| value | Properties name | String | No | “Left” |
| display\_name | Display name | String | No | “Left” |
| type | Properties type | String | No | “side” |
| status | Status | String | No | “ACTIVE” |
| subtype | Subtype | String | Yes |  |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "type":"side"
* },
* "response":{
  + "treatment\_properties\_dept":[
    - {
      * "value":"Left",
      * "display\_name":"Left",
      * "type":"side",
      * "status":"ACTIVE"
    - },
    - {
      * "value":"Right",
      * "display\_name":"Right",
      * "type":"side",
      * "status":"ACTIVE"
    - }
  + ]
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Update Treatment Properties Master List

## DESCRIPTION

Provide a API for updating treatment properties master list

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| treatment\_properties\_dept | A set of treatment properties in master list | Object[] | No |  |
| value | Properties name | String | No | “Left” |
| display\_name | Display name | String | No | “Left” |
| type | Properties type | String | No | “side” |
| status | Status | String | No | “ACTIVE” |
| subtype | Subtype | String | Yes |  |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",

"treatment\_properties\_dept":[

{

"value":"Left",

"display\_name":"Left",

"type":"side",

"status":"ACTIVE",

"subtype":""

},

{

"value":"Right",

"display\_name":"Right",

"type":"side",

"status":"ACTIVE",

"subtype":""

}

]

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| status | Status | String | No | “SUCCESS” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "treatment\_properties\_dept":[
    - {
      * "value":"Left",
      * "display\_name":"Left",
      * "type":"side",
      * "status":"ACTIVE",
      * "subtype":""
    - },
    - {
      * "value":"Right",
      * "display\_name":"Right",
      * "type":"side",
      * "status":"ACTIVE",
      * "subtype":""
    - }
  + ]
* },
* "response":{
  + "status":"SUCCESS",
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Set Protocol and Set of activities

## DESCRIPTION

Provide a API for set protocol and set of activities

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "PT", "OT" |
| action | Action | String | No | “NEW” / “UPDATE” |
| protocol\_data | A set of protocol record | Object[] | Yes |  |
| protocol\_name\_old | Old Protocol Name | String | No | “Walking Training” Please provide the old protocol name for update if the protocol name is changed. If the name is not change, protocol\_name = protocol\_name\_old |
| protocol\_treatment\_list | Object of a set of treatment | Object[] |  |  |
| protocol\_name | Protocol Name | String | No | "Walking Training 2" |
| hosp\_code | Hospital Code | String | No | “TPH” |
| dept | Department | String | No | “OT” |
| protocol\_status | Status | String | No | "ACTIVE" |
| treatment\_sort | Sort no of the treatment | String | No | "1" |
| treatment\_category | Treatment category | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | No | "Sand bag" |
| treatment\_doc | Treatment documentation | String | No | "Limb Mobilization and Strengthening" |
| position | Position | String | Yes | "Stand" |
| side | Side | String | Yes | "Left" |
| region | Region | String | Yes | "Lower Limb" |
| treatment\_set | Set | String | Yes | "10" |
| repetition | Repetition | String | Yes | "As tolerated" |
| resistance | Resistance | String | Yes | "Red" |
| resistance value | Resistance value | String |  | "3" |
| resistance\_unit | Resistance unit | String | Yes | "lb" |
| walking\_aids | Walking Aids | String | Yes | "Heel-walking Bilateral" |
| assistive\_device\_1 | Assistive Device 1 | String | Yes | "AFO" |
| assistive\_device\_2 | Assistive Device 2 | String | Yes | "AFO" |
| weight\_bearing\_status\_1 | Weight Bearing Status 1 | String | Yes | "Heel-walking Bilateral" |
| weight\_bearing\_status\_2 | Weight Bearing Status 2 | String | Yes | "Heel-walking Bilateral" |
| assistance | Assistance | String | Yes | "Carer" |
| distance | Distance | String | Yes | "100 m" |
| duration | Duration | String | Yes | "10" |
| remarks | Treatment Remarks | String | Yes | "ABC" |
| before\_bp | Before BP | String | Yes | "Y", "N" |
| before\_spo2 | Before SpO2 | String | Yes | "Y", "N" |
| after\_bp | After BP | String | Yes | "Y", "N" |
| after\_spo2 | After SpO2 | String | Yes | "Y", "N" |
| handheld\_remark | Handheld Remark | String | Yes | "Y", "N" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "action":"UPDATE",

"protocol\_data":{

"protocol\_name\_old":"Training 1",

"protocol\_treatment\_list":[

{

"hosp\_code":"TPH",

"dept":"OT",

"protocol\_name":"Training 2",

"protocol\_status":"ACTIVE",

"treatment\_sort":"1",

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"Power Trainer",

"treatment\_doc":"Limb Mobilization and Strengthening",

"position":"Plinth",

"side":"Left",

"region":"Upper Limb",

"treatment\_set":"5",

"repetition":"As tolerated",

"resistance":"Red",

"resistance\_unit":"lb",

"walking\_aids":"Stick Left",

"assistive\_device\_1":"AFO",

"assistive\_device\_2":"AFO",

"weight\_bearing\_status\_1":"FWB",

"weight\_bearing\_status\_2":"",

"assistance\_device\_2":"1 Assistant",

"distance":"",

"duration":"10",

"remarks":"act1",

"before\_bp":"Y",

"before\_spo2":"Y",

"after\_bp":"Y",

"after\_spo2":"Y",

"handheld\_remark":"Y"

},

{

"hosp\_code":"TPH",

"dept":"OT",

"protocol\_name":"Training 2",

"protocol\_status":"ACTIVE",

"treatment\_sort":"2",

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"Mini-press",

"treatment\_doc":"Limb Mobilization and Strengthening",

"position":"Stand",

"side":"Left",

"region":"Upper Limb",

"treatment\_set":"1",

"repetition":"As tolerated",

"resistance":"Red",

"resistance\_unit":"lb",

"walking\_aids":"Stick Left",

"assistive\_device\_1":"AFO",

"assistive\_device\_2":"AFO",

"weight\_bearing\_status\_1":"FWB",

"weight\_bearing\_status\_2":"",

"assistance\_device\_2":"2 Assistant",

"distance":"",

"duration":"5"

}

]

}

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| status | Status | String | No | “SUCCESS” |

# 

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "action":"UPDATE",

"protocol\_data":{

"protocol\_name":"Training 2",

"protocol\_name\_old":"Training 1",

"protocol\_status":"ACTIVE",

"protocol\_treatment\_list":[

{

"treatment\_sort":"1",

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"Power Trainer",

"treatment\_doc":"Limb Mobilization and Strengthening",

"position":"Plinth",

"side":"Left",

"region":"Upper Limb",

"treatment\_set":"5",

"repetition":"As tolerated",

"resistance":"Red",

"resistance\_unit":"lb",

"walking\_aids":"Stick Left",

"assistive\_device\_1":"AFO",

"assistive\_device\_2":"AFO",

"weight\_bearing\_status\_1":"FWB",

"weight\_bearing\_status\_2":"",

"assistance\_device\_2":"1 Assistant",

"distance":"",

"duration":"10",

"befor\_bp":"Y",

"befor\_spo2":"Y",

"after\_bp":"Y",

"after\_spo2":"Y",

"handheld\_remark":"Y"

},

{

"treatment\_sort":"2",

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"Mini-press",

"treatment\_doc":"Limb Mobilization and Strengthening",

"position":"Stand",

"side":"Left",

"region":"Upper Limb",

"treatment\_set":"1",

"repetition":"As tolerated",

"resistance":"Red",

"resistance\_unit":"lb",

"walking\_aids":"Stick Left",

"assistive\_device\_1":"AFO",

"assistive\_device\_2":"AFO",

"weight\_bearing\_status\_1":"FWB",

"weight\_bearing\_status\_2":"",

"assistance\_device\_2":"2 Assistant",

"distance":"",

"duration":"5"

}

]

}

* },
* "response":{
  + "status":"SUCCESS",
  + }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get Therapeutic Group Category by hosp

## DESCRIPTION

Provide a API for retrieving therapeutic group category

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| therapeutic\_category\_hosp | A set of therapeutic group category | Object[] | No |  |
| hosp\_code | Hospital Code | String | No | “TPH” |
| dept | Deaprtment | String | No | “OT” |
| category | Category | String | No | “Caregiving training” |
| status | Status | String | No | “ACTIVE” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT"
* },
* "response":{
  + "therapeutic\_category\_hosp":[
    - {
      * "hosp\_code":"TPH",
      * "dept":"OT",
      * "category":"Caregiving training",
      * "status":"ACTIVE"
    - },{
      * "hosp\_code":"TPH",
      * "dept":"OT",
      * "category":"Work rehabilitation",
      * "status":"ACTIVE"
    - },

]

* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Update Therapeutic Group Category by hosp

## DESCRIPTION

Provide a API for update therapeutic group category

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| therapeutic\_category\_hosp | A set of therapeutic group category | Object[] | No |  |
| hosp\_code | Hospital Code | String | No | “TPH” |
| dept | Deaprtment | String | No | “OT” |
| category | Category | String | No | “Caregiving training” |
| status | Status | String | No | “ACTIVE” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",

"therapeutic\_category\_hosp":[

{

"hosp\_code":"TPH",

"dept":"OT",

"category":"Caregiving training",

"status":"ACTIVE"

},{

"hosp\_code":"TPH",

"dept":"OT",

"category":"Work rehabilitation",

"status":"INACTIVE"

},

]

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| status | Status | String | No | “SUCCESS” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",

"dept":"OT",

"therapeutic\_category\_hosp":[

{

"hosp\_code":"TPH",

"dept":"OT",

"category":"Caregiving training",

"status":"ACTIVE"

},{

"hosp\_code":"TPH",

"dept":"OT",

"category":"Work rehabilitation",

"status":"INACTIVE"

},

]

* },
* "response":{
  + "status":"SUCCESS"
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Set Therapeutic Group Category and group name

## DESCRIPTION

Provide a API for setting therapeutic category and group name

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| dept | Department of User ID | String | No | "PT" |
| hosp\_code | Hospital Code | String | No | “TPH” |
| action | Action code | String | No | “NEW” / “UPDATE” |
| therapeutic\_group\_name | A set of therapeutic group data by hospital | Object[] | No |  |
| category | Therapeutic group category | String | No | "Caregiver training" |
| group\_name | Group name | String | No | “Caregiver Education” |
| status | Status | String | No | “ACTIVE” |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "dept":"OT",
* "hosp\_code":"TPH",
* "action":"UPDATE",

"therapeutic\_group\_name":

{

"category":"Caregiver training",

"group\_name":"Caregiver Education 2",

"status":"INACTIVE"

}

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| status | Status | String | No | “SUCCESS” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request.":{
  + "login\_id":"@CMSIT",
  + "dept":"OT",
  + "hosp\_code":"TPH",

"therapeutic\_group\_name":

{

"category":"Caregiver training",

"group\_name":"Caregiver Education 2",

"group\_name\_old":"Caregiver Education 1",

"status":"ACTIVE"

}

* },
* "response":{

"status":"ACTIVE"

}

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Department is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Department is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get E Vital Default List

## DESCRIPTION

Provide a API for retrieving E Vital Default list

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| evital\_default | A set of E Vital default value list | Object[] | No |  |
| sbp\_lower | sbp lower limit | Int | No | 60 |
| sbp\_upper | sbp upper limit | Int | No | 180 |
| dbp\_lower | dbp lower limit | Int | No | 80 |
| dbp\_upper | dbp upper limit | Int | No | 100 |
| spo2 | spo2 limit | Int | No | 88 |
| pulse\_lower | pulse lower limit | Int | No | 40 |
| pulse\_upper | pulse upper limit | Int | No | 120 |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT"
* },
* "response":{
  + "evital\_default":
    - {
      * "sbp\_lower":60,
      * "sbp\_upper":180,
      * "dbp\_lower":80,
      * "dbp\_upper":100,
      * "spo2":88,
      * "pulse\_lower":40,
      * "pulse\_upper":120
    - }
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

API-XX Update E Vital Default List

## DESCRIPTION

Provide a API for updating E Vital Default list

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| evital\_default | A set of E Vital default value list | Object[] | No |  |
| hosp\_code | Hospital Code | String | No | “TPH” |
| sbp\_lower | sbp lower limit | Int | No | 60 |
| sbp\_upper | sbp upper limit | Int | No | 180 |
| dbp\_lower | dbp lower limit | Int | No | 80 |
| dbp\_upper | dbp upper limit | Int | No | 100 |
| spo2 | spo2 limit | Int | No | 88 |
| pulse\_lower | pulse lower limit | Int | No | 40 |
| pulse\_upper | pulse upper limit | Int | No | 120 |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "dept":"OT",
* "evital\_default":

{

"hosp\_code":"TPH",

"sbp\_lower":60,

"sbp\_upper":180,

"dbp\_lower":80,

"dbp\_upper":100,

"spo2":88,

"pulse\_lower":40,

"pulse\_upper":120

}

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| status | Status | String | No | “SUCCESS” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "dept":"OT",
  + "evital\_default":
    - {
      * "hosp\_code":"TPH",
      * "sbp\_lower":60,
      * "sbp\_upper":180,
      * "dbp\_lower":80,
      * "dbp\_upper":100,
      * "spo2":88,
      * "pulse\_lower":40,
      * "pulse\_upper":120
    - }
* },
* "response":{
  + "status":"SUCCESS"
* }

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Hospital code is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Set hot items in gym room

## DESCRIPTION

Provide a API for retrieving hot items in gym room

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| room\_id | Room ID | String | No | "G046" |
| dept | Department | String | No | “OT” |
| hot\_items | A set of hot items data | Object[] | No |  |
| room\_id | Room ID | String | No | "G046" |
| treatment\_category | Treatment category | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | Yes | “Power trainer” |
| treatment\_doc | Treatment doc | String | Yes | “Limb Mobilization and Strengthening” |
| sort | Sort number | String | Yes | “1” |
| display | Display | String | Yes | “Y” |
| remaining | Remaining value | int | Yes | 5 |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "room\_id":"G046",
* "dept":"OT",
* "hot\_items":[

{

"room\_id":"G046",

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"Power trainer",

"treatment\_doc":"Limb Mobilization and Strengthening",

"sort":"1",

"display":"Y",

"remaining":5

},

{

"room\_id":"G046",

"treatment\_category":"Mobilization and strengthening",

"treatment\_name":"Pro II",

"treatment\_doc":"Limb Mobilization and Strengthening",

"sort":"2",

"display":"Y",

"remaining":2

}

* ]

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| status | Status | String | No | “SUCCESS” |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "room\_id":"G046",
  + "dept":"OT",
  + "hot\_items":[
    - {
      * "room\_id":"G046",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Power trainer",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "sort":"1",
      * "display":"Y",
      * "remaining":5
    - },
    - {
      * "room\_id":"G046",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Pro II",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "sort":"2",
      * "display":"Y",
      * "remaining":2
    - }
  + ]
* },
* "response":{
  + "status":"SUCCESS"
  + }

}

# API-XX Set RAMS Setting

## DESCRIPTION

Provide a API for updating RAMS setting

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| action | Action | String | No | "SET\_ACTIVITY", "SET\_SIDE", "SET\_POSITION", etc.. |
| update\_details | The data to be updated | Object[] | No |  |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

"login\_id": "@CMSIT",

"hosp\_code": "TPH",

"dept": "OT",

"action": "SET\_ACTIVITY",

"update\_details": {[

]}

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| dept | Department | String | No | "OT" |
| status | Status of the action | String | No | "SUCCESS" |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

"login\_id": "@CMSIT",

"hosp\_code": "TPH",

"dept": "OT",

"status": "SUCCESS"

}

ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Hospital code is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

"statusCode": 400,

"message": ["Hospital code is invalid"],

"error": "Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

"message": "Missing Authentication Token"

}

# Dashboard

# API-XX Get all current treatment in gym room

## DESCRIPTION

Provide a API for retrieving current treatment in gym room

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| room\_id | Room ID | String | No | "G046" |
| dept | Department | String | No | “OT” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "room\_id":"G046",
* "dept":"OT"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| room\_data | A set of current treatment data | Object[] | No |  |
| case\_no | Case no | String | No | "HN06000037Z" |
| req\_no | Request no | String | No | "22TPHOT00000001" |
| patient\_name\_chi | Patient name (Chinese) | String | Yes | “陳大文” |
| patient\_name\_eng | Patient name (English) | String | Yes | “Chan Tai Man” |
| ward | Ward | String | Yes | “5D” |
| bed | Bed | String | Yes | “20” |
| spo2 | SpO2 limit | int | Yes | 88 |
| pulse\_lower | Pulse lower limit | int | Yes | 40 |
| pulse\_upper | Pulse upper limit | int | Yes | 140 |
| precautions | Selected precautions | String | Yes | “OT01;OT02;” |
| current\_treatment | Current treatment of the patient | String | Yes | “Mini-press” |
| treatment\_duration | Treatment duration | String | Yes | “10” |
| last\_updated | Last updated datetime | String | No | “2021-11-18 11:22:33.000” |
| room\_id | Room ID | String | No | “G046” |
| continuous\_spo2 | Continous SpO2 | String | No | “Y” |
| fall\_risk | Fall risk | String | No | “Y” |
| system\_dtm | System datetime | String | No | “2021-11-18 11:22:50.000” |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "room\_id":"G046",
  + "dept":"OT"
* },
* "response":{
  + "room\_data":[
    - {
      * "case\_no":"HN06000037Z",
      * "req\_no":"22TPHOT00000001",
      * "patient\_name\_chi":"陳大文",
      * "patient\_name\_eng":"Chan Tai Man",
      * "ward":"5D",
      * "bed":"20",
      * "spo2":88,
      * "pulse\_lower":40,
      * "pulse\_upper":140,
      * "precautions":"OT01;OT02",
      * "current\_treatment":"Mini-press",
      * "treatment\_duration":"10 mins",
      * "last\_updated":"2021-11-18 11:22:33.000",
      * "room\_id":"G046",
      * "continuous\_spo2":"Y",
      * "fall\_risk":"Y"
    - },
    - {
      * "case\_no":"HN06000037Z",
      * "req\_no":"22TPHOT00000002",
      * "patient\_name\_chi":"王大文",
      * "patient\_name\_eng":"Wong Tai Man",
      * "ward":"5D",
      * "bed":"21",
      * "spo2":85,
      * "pulse\_lower":45,
      * "pulse\_upper":130,
      * "precautions":"OT01;OT03",
      * "current\_treatment":"Mini-press",
      * "treatment\_duration":"10 mins",
      * "last\_updated":"2021-11-18 11:30:33.000",
      * "room\_id":"G046",
      * "continuous\_spo2":"Y",
      * "fall\_risk":"Y"
    - }
  + ],
  + "system\_dtm":"18/11/2021 11:35:00"
* }

}

## ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Case no is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Case no is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Get hot items in gym room

## DESCRIPTION

Provide a API for retrieving hot items in gym room

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | CMS User ID | String | No | "@CMSIT" |
| hosp\_code | Hospital code of the user | String | No | "TPH" |
| room\_id | Room ID | String | No | "G046", “ALL” |
| dept | Department | String | No | “OT” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hosp\_code":"TPH",
* "room\_id":"G046",
* "dept":"OT"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| hot\_items | A set of hot items data | Object[] | No |  |
| room\_id | Room ID | String | No | "G046" |
| treatment\_category | Treatment category | String | No | "Mobilization and strengthening" |
| treatment\_name | Treatment name | String | Yes | “Power trainer” |
| treatment\_doc | Treatment doc | String | Yes | “Limb Mobilization and Strengthening” |
| sort | Sort number | String | Yes | “1” |
| display | Display | String | Yes | “Y” |
| remaining | Remaining value | int | Yes | 5 |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "request":{
  + "login\_id":"@CMSIT",
  + "hosp\_code":"TPH",
  + "room\_id":"G046",
  + "dept":"OT"
* },
* "response":{
  + "hot\_items":[
    - {
      * "room\_id":"G046",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Power trainer",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "sort":"1",
      * "display":"Y",
      * "remaining":5
    - },
    - {
      * "room\_id":"G046",
      * "treatment\_category":"Mobilization and strengthening",
      * "treatment\_name":"Pro II",
      * "treatment\_doc":"Limb Mobilization and Strengthening",
      * "sort":"2",
      * "display":"Y",
      * "remaining":2
    - }
  + ]
* }

}

## ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Case no is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Case no is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# E Vital

# API-XX Get E Vital Record

## DESCRIPTION

Provide a API for retrieving E Vital Records for patient

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | login ID | String | No | “@CMSIT” |
| hospCode | Hospital code of the user | String | No | "TPH" |
| caseNo | Case no | String | No | “HN06000037Z” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "login\_id":"@CMSIT",
* "hospCode":"TPH",
* "caseNo ":"HN06000037Z"

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| hospCode | Hospital code | String | No | “TPH” |
| caseNo | Case No | String | No | “HN06000037Z” |
| data | A set of vital sign data | Object[] | No |  |
| code | Item code | String | No | “BP” |
| effectiveDateTime | Effective date time | String | No | “2021-01-08T14:00:00” |
| component | Data record | Object[] | No |  |
| code | Code | String | No | “SBP” |
| valueQuantity | Value | Int | No | 140 |
| unit | Unit | String | No | “mmHg” |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "hospCode":"TPH",
* "caseNo":"HN06000037Z",
* "data":[
  + {
    - "code":"BP",
    - "effectiveDateTime":"2021-01-08T14:00:00",
    - "component":[
      * {
        + "code":"SBP",
        + "valueQuantity":140,
        + "unit":"mmHg"
      * },
      * {
        + "code":"DBP",
        + "valueQuantity":90,
        + "unit":"mmHg"
      * }
    - ]
  + }
* ]

}

## ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Case no is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Case no is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}

# API-XX Set E Vital Record

## DESCRIPTION

Provide a API for upload E Vital Records for patient

## API URL

# 

|  |
| --- |
| NON-PRODUCTION ENVIRONMENT |

<TBC>

## REQUEST

# 

|  |
| --- |
| HTTP METHOD |

POST

# 

|  |
| --- |
| JSON PAYLOAD DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| login\_id | Login ID | String | No | “@CMSIT” |
| hospCode | Hospital code of the user | String | No | "TPH" |
| caseNo | Case no | String | No | “HN06000037Z” |
| dept | Department | String | No | “OT” |
| createDtm | Create Datetime | String | No | “20211118 12:50” |
| result | Upload data result set | Object[] | No |  |
| inputType | Input type | String | No | “ML” |
| measurementUUID | Measurement UUID | String | No | “F61BE936-40D0-428E-8495” |
| freqIdList | Frequence ID List | String[] | Yes |  |
| orderType | Order Type | String | No | “A” |
| status | Status | String | No | “D” |
| measurementId | Measurement ID | String | No | “METEMP” |
| accessOn | Access | String | Yes |  |
| scheduleOn | Schedule | String | Yes |  |
| paremeterResult | E vital result set | Object[] | No |  |
| parameterValue | E vital value | String | No | “37.8” |
| parameterId | E vital ID | String | No | “PATEMPTemp” |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "hospCode":"TH",
* "caseNo":"HN06000037Z",
* "login\_id":"@CMSIT",
* "dept":"OT",
* "createDtm":"20200730 12:50",
* "result":[
  + {
    - "inputType":"ML",
    - "measurementUUID":"F61BE936-40D0-428E-8495-4BDD61313945",
    - "freqIdList":[
    - ],
    - "orderType":"A",
    - "status":"D",
    - "measurementId":"METEMP",
    - "accessOn":"",
    - "scheduleOn":"",
    - "parameterResult":[
      * {
        + "parameterValue":"37.8",
        + "parameterId":"PATEMPTemp"
      * },
      * {
        + "parameterValue":"OPTEMPSITE\_TYMPANIC",
        + "parameterId":"PATEMPSite"
      * }
    - ]
  + }
* ]

}

## SUCCESS RESPONSE (STATUS CODE 200)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| returnCode | Return code | String | No | “1811707838” |
| status | Status | String | No | “SUCCESS” |

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "returnCode":"1811707838",
* "status":"SUCCESS"

}

## ERROR RESPONSE From Framework (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| statusCode | Status Code | Number | No | 400 |
| message | Array of all the possible error message | String[] | No | Case no is invalid |
| error | HTTP error message corresponding to statusCode | String | No | Bad Request |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "statusCode":400,
* "message":["Case no is invalid"],
* "status":"Bad Request"

}

## ERROR RESPONSE From Gateway (STATUS CODE 4XX)

|  |
| --- |
| JSON RESPONSE DESCRIPTION |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Description** | **Data Type** | **Nullable** | **Example** |
| message | Array of all the possible error message | Number | No | "eyJraWQiQiJYeXhdfohd…" is not a valid key=value pair |

# 

|  |
| --- |
| SAMPLE REQUEST PAYLOAD |

{

* "message":"Missing Authentication Token"

}