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1. API to get 'Total Invoice Amount' and 'Total Invoice Due' for a particular date period

Request

URL : https://ehr.charmtracker.com/api/ehr/v1/invoices/summary?facility_id=<facility_value>&patient_id=<patient_value>&date_name=<date_value>&from_date=<from_value>&to_date=<to_value>

Method : GET

Scope : *charmhealth.patient.invoice.READ*

Parameter Details

Parameter Name	Parameter Value	Example	Description
facility_id	Number with maximum length of 19	If not given, data will be fetched for all facilities	It is a non-mandatory parameter
patient_id	Number with maximum length of 19	If not given, data will be fetched for all patients	It is a non-mandatory parameter
date_name	invoice_date (or) invoice_added_date	Default value is invoice_date .	It is a non-mandatory parameter.
from_date	yyyy-mm-dd (or) yyyy-mm-dd hh:mm:ss	2015-01-10 2015-01-10 20:30:40	It is a mandatory parameter
to_date	yyyy-mm-dd (or) yyyy-mm-dd hh:mm:ss	2015-01-10 2015-01-10 20:30:40	It is a mandatory parameter

Parameter Value	Description
invoice_date	Refers the date chosen by the user for Invoice i.e 'Invoice Date'
invoice_added_date	Refers the first approved date of Invoice i.e 'Invoice Added Date'

Details

- This API will give 'Total Invoice Amount' and 'Total Invoice Due' for the given date period

Sample Response

```
{
  "code": 0,
  "message": "success",
  "summary": {
    "total_invoice_amount": "618.50",
    "total_invoice_due": "110.0"
  }
}
```

2. API to get 'Total Receipt Amount' for a particular period

Request

URL : https://ehr.charmtracker.com/api/ehr/v1/receipts/summary?facility_id=<facility_value>&patient_id=<patient_value>&date_name=<date_value>&from_date=<from_value>&to_date=<to_value>

Method : GET

Scope : *charmhealth.patient.receipt.READ*

Parameter Details

Parameter Name	Parameter Value	Example	Description
facility_id	Number with maximum length of 19	If not given, data will be fetched for all facilities	It is a non-mandatory parameter
patient_id	Number with maximum length of 19	If not given, data will be fetched for all patients	It is a non-mandatory parameter
date_name	receipt_date (or) receipt_added_date	Default value is receipt_date .	It is a non-mandatory parameter.
from_date	yyyy-mm-dd (or) yyyy-mm-dd hh:mm:ss	2015-01-10 2015-01-10 20:30:40	It is a mandatory parameter
to_date	yyyy-mm-dd (or) yyyy-mm-dd hh:mm:ss	2015-01-10 2015-01-10 20:30:40	It is a mandatory parameter

Parameter Value	Description
receipt_date	Refers the date chosen by the user for Receipt i.e 'Receipt Date'
receipt_added_date	Refers the date on which Receipt is added in the System i.e 'Receipt Added Date'

Details

- This API will give 'Total Receipt Amount' for the given date period

Sample Response

```
{
  "code": 0,
  "message": "success",
  "summary": {
    "total_receipt_amount": "853.5"
  }
}
```

3. API to fetch 'Total Unused Amount' available at present

Request

URL :

https://ehr.charmtracker.com/api/ehr/v1/receipts/unusedamount?facility_id=<facility_value>
&patient_id=<patient_value>&date_name=<date_value>&from_date=<from_value>&to_date=<to_value>

Method : GET

Scope : *charmhealth.patient.receipt.READ*

Parameter Details

Parameter Name	Parameter Value	Example	Description
facility_id	Number with maximum length of 19	If not given, data will be fetched for all facilities	It is a non-mandatory parameter
patient_id	Number with maximum length of 19	If not given, data will be fetched for all patients	It is a non-mandatory parameter
date_name	receipt_date (or) receipt_added_date	Default value is receipt_date .	It is a non-mandatory parameter.
from_date	yyyy-mm-dd (or) yyyy-mm-dd hh:mm:ss	2015-01-10 2015-01-10 20:30:40	It is a mandatory parameter
to_date	yyyy-mm-dd (or) yyyy-mm-dd hh:mm:ss	2015-01-10 2015-01-10 20:30:40	It is a mandatory parameter

Parameter Value	Description
receipt_date	Refers the date chosen by the user for Receipt i.e 'Receipt Date'
receipt_added_date	Refers the date on which Receipt is added in the System i.e 'Receipt Added Date'

Details

This API will give 'Total Unused Amount' available at present

Sample Response

```
{
    "code": 0,
    "message": "success",
    "summary": {
        "total_unused_amount": "200.0"
    }
}
```

4. API to get balance details for a particular patient

Request

URL :

https://ehr.charmtracker.com/api/ehr/v1/patients/<patient_id>/balance?facility_id=<facility_id_value>

Method : GET

Scope : *charmhealth.patient.invoice.READ*

Parameter Details

Name	Value	Description
facility_id	Number with maximum length of 19	It is an optional parameter. If it is not given, Balance Due will be computed across facilities

Details

This API will get 'Balance Due' details for a given patient

Sample Response

```
{
  "code": 0,
  "message": "success",
  "balance_due": {
    "patient_id": "100000000000003071",
    "facility_id": "100000000000003684",
    "currency_symbol": "$",
    "patient_balance_due": "150.00",
    "insurance_balance_due": "80.00",
    "total_balance_due": "230.00"
  }
}
```


}

5. API to get value for a particular billing settings

Request

URL : https://ehr.charmtracker.com/api/ehr/v1/billing/settings?setting_names=<setting_value>

Method : GET

Scope : *charmhealth.user.setting.billing.READ*

Parameter Details

Name	Value	Description
setting_names	CURRENCY_CODE, CURRENCY_SYMBOL, ENABLE_ITEMIZED_PAYMENTS, AUTO_FILL_OUTSTANDING_INVOICES	It is a mandatory parameter. To get value for more than one settings, names should be separated by 'comma' symbol

Details

This API will give whether a particular setting is enabled for this practice or not

Sample Response

```
{
  "code": 0,
  "message": "success",
  "settings": {
    "CURRENCY_CODE" : "USD",
    "CURRENCY_SYMBOL" : "$",
    "ENABLE_ITEMIZED_PAYMENTS" : "true",
    "AUTO_FILL_OUTSTANDING_INVOICES" : "false"
  }
}
```

Unique Identifiers of ChARM EHR in request/response:

Unique Identifier	Details
invoice_id	Unique identifier of Invoice
receipt_id	Unique identifier of Receipt
payment_id	Unique identifier of Invoice payment
writeoff_id	Unique identifier of Invoice write-off
refund_id	Unique identifier of Refund
patient_id	Unique identifier of Patient
facility_id	Unique identifier of Facility
code_id	Unique identifier of Procedure Code
product_id	Unique identifier of Product

API Error code details:

CODE	MESSAGE
0	Success
1000	Internal Application Error
4	Invalid value passed for {parameter_name}
9	Not Authorized
11	Less than minimum occurrence
12	More than maximum occurrence

15	More than maximum length
16	Extra parameter found in URL
17	Pattern not matched
18	XSS detected
20	URL not configured
5001	From Date should not be after To Date
5002	Date period should not be more than one year