

API Specification

Smart & Telemedicine Integration

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This document defines the technical specification for the integration between Telemedicine platforms and Smart.

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1. Introduction

This document is for the API specification between telemedicine platforms and Smart application. Below is a brief description of the member profile and balance interfaces.

2. User Account setup

An authentication Key (Smart generated) will be generated and shared with the mobile app developers that will be used for every request while accessing a Smart resource.

3. Member Profile

This interface member details.

3.1.1 End Point

The scheme definition interface has the following properties:

- **Method:** GET
- **Base URL:** <https://data.smartapplicationsgroup.com/api/sandbox/telemedicine>
- **Resource URL:** {base_url}/getmember?integ_app_code= {Unique code to be shared by Smart}&member_number={member number}&country_code=KE
- **Example:**
{base_url}/getmember?integ_app_code=TESTKAKE62523&member_number=ZUC004-00&country_code=KE

3.1.2 Parameters

The message to be passed to member profile interface will have the following parameters:

Parameters	Type	Required	Description
Member number	String	Yes	Insurance number or staff number (other number).
integ_app_code	String	Yes	Application code setup and shared by Smart

3.1.3 Response

The get member details interface will provide the following response on a successful request:

Parameters	Type	Description
Name	String	The name of the of the Member.
Status	String	Status Indicating whether a member is active or deactivated. If mem_status=1 only, then the member is active.
Globalid	String	Unique Identifier of a member in Smart
Category code	String	The category of the member e.g. CATA, CATB etc.

Start date	Date	Date for scheme cover period commencement
End date	String	Date the scheme cover will lapse
DOB	Date	Member date of birth
Scheme name	String	The name of the scheme/company insured as per policy
Scheme ID	String	Unique scheme identifier in Smart
Gender	String	Describe gender of the member F(female), M(male) O(other)
Phone number	String	Member phone number as registered in Smart
Email	String	Email address
Member Type	String	Shows the relationship on the member to the insured e.g. P-Principal, S-spouse, C-child
Join date	String	The date member was added to cover

Sample response is as follows:

```
[
  {
    "row_count": 1,
    "page_limit": 10000,
    "pol_type_id": 1,
    "period_id": 317902,
    "member_number": "ZUC004-00",
    "mem_type": "P",
    "otp": "",
    "otp_time": "",
    "loyalty_points": 0,
    "last_loyalty_min": "0",
    "status_event_user": "",
    "status_event_msg": "",
    "cat2_code": "C",
    "is_multi_category": 0,
    "last_status_msg": "",
    "period_status": 1,
    "is_multimember": 0,
    "cutoff_mem_type": 0,
    "age_years": 42,
    "age_months": 7,
    "age_days": 10,
    "global_id": "KE000000000000002398125",
    "start_date": "2020-01-01",
    "end_date": "2020-12-30",
    "dob": "1978-03-18",
    "join_date": "2020-01-01",
    "first_name": "SAMPLE",
    "second_name": "SMART TEST",
```

```

"gender": "F",
"company_name": "JUBILEE INSURANCE COMPANY LIMITED",
"currency_code": "KES",
"cat_desc": "C",
"cat_id": 2145201472,
"is_cutoff": 0,
"is_error": null,
"client_id": 512,
"added_by": "migration_tool_test",
"batch_no": "",
"staff_number": "",
"is_otp": 0,
"phone_number1": "",
"phone_number2": "",
"mem_id": 4012327,
"mem_status": 1,
"acc_id": 1476114,
"family_code": "JIC.IRC.IRC-02594608",
"cat2_id": 2145201472,
"other_number": "",
"card_serial_number": "000000100047D35D",
"names_as_is": "SAMPLE SMART TEST",
"other_names": "",
"id_number": "",
"nhif_number": "",
"kin_email": "",
"date_added": "2020-01-15",
"pol_id1": 1009500132,
"office_branch": "",
"is_cardless": 0,
"policy_currency_id": "404",
"pol_name": "INTERNATIONAL RESCUE COMMITTEE",
"roaming_countries": "",
"cutoff_years": 0,
"cutoff_months": 0,
"cutoff_date": null,
"cutoff_days": 0,
"error_msg": null,
"cat_code": "C",
"smart_cat_code": "IRC.C",
"surname": "KAGO"

```

```

}
```

```

]
```

4. Balance

This interface defines a member balance within a given policy at the time of making a call.

4.1.1 End Point

The endpoint will return the balance information for a member. This interface has the following properties:

- **Method:** GET
- **Base URL:** <https://data.smartapplicationsgroup.com/api/sandbox/telemedicine>
- **Resource URL:** {base_url}/ getbenefits?integ_app_code={Unique code to be shared by Smart}&global_id={global id on member response}&country_code=KE
- **Example:**
`https://data.smartapplicationsgroup.com/api/sandbox/telemedicine/getbenefits?integ_app_code=TESTKAKE62523&global_id=KE00000000000000000000000000858200&country_code=KE`

4.1.2 Parameters

The message to be passed to the category definition interface will have the following parameters:

Parameters	Type	Required	Description
Global ID	String	Yes	Unique member identifier in Smart

4.1.3 Response

Success query for member balance will return a JSON object with the following details:

Parameters	Type	Description
Member number	String	The patient's membership number
Global Id	String	Unique Identifier for an insured member in Smart.
Benefit description	String	The name of the available benefits
Policy name	String	The name of the insured scheme
Pool Number	Integer	The benefit number
Balance	String	Current balance for the benefit code passed

Sample response is as follows:

```
[
  {
    "row_count": 2,
    "page_limit": 10000,
    "member_names": "SAMPLE SMART TEST",
```

```

    "expenditure": 38930.7,
    "bal_id": 2209204047,
    "ben_type": "family shared",
    "allocation": 300000,
    "calculated_limit": 300000.0,
    "total_spend": 41930.7,
    "reduced_by_par": 0.0,
    "reduced_by_child": 3000.0,
    "current_balance": 258069.3,
    "card_balance": 258069.3,
    "benefit_status": "active - claimable",
    "last_claim_id": "11001046669",
    "ben_rules_msg": null,
    "adjustments": 3000.0,
    "pc_spend": 14.0,
    "pc_balance": 86.0,
    "mem_period_id": 317902,
    "period_id": 317902,
    "member_number": "IRC-02594608-00",
    "global_id": "KE0002398125",
    "cat_id": 2145201472,
    "ben_id": 150001229,
    "ben_linked2_id": 0,
    "benefit_desc": "OUT PATIENT OVERALL",
    "parent_pool": 0,
    "pool_number": 1,
    "service_type": 1,
    "is_error": null,
    "mem_status": 1,
    "pol_name": "INTERNATIONAL RESCUE COMMITTEE",
    "error_msg": null
  },
  {
    "row_count": 2,
    "page_limit": 10000,
    "member_names": "SAMPLE SMART TEST",
    "expenditure": 0.0,
    "bal_id": 2209206592,
    "ben_type": "individual",
    "allocation": 25000,
    "calculated_limit": 25000.0,
    "total_spend": 0.0,
    "reduced_by_par": 0.0,
    "reduced_by_child": 0.0,
    "current_balance": 25000.0,
    "card_balance": 25000.0,
    "benefit_status": "active - claimable",

```

```

    "last_claim_id": "0",
    "ben_rules_msg": null,
    "adjustments": 0.0,
    "pc_spend": 0.0,
    "pc_balance": 100.0,
    "mem_period_id": 317902,
    "period_id": 317902,
    "member_number": "IRC-02594608-00",
    "global_id": "KE0002398125",
    "cat_id": 2145201472,
    "ben_id": 150001232,
    "ben_linked2_id": 0,
    "benefit_desc": "OUT PATIENT DENTAL (FUNDED)",
    "parent_pool": 0,
    "pool_number": 2,
    "service_type": 1,
    "is_error": null,
    "mem_status": 1,
    "pol_name": "INTERNATIONAL RESCUE COMMITTEE",
    "error_msg": null
  }
]

```

5. Claim

This interface defines sending of a valid claim at the time of making a call.

5.1.1 End Point

The endpoint will return the balance information for a member. This interface has the following properties:

- **Method:** GET
- **Base URL:** <https://data.smartapplicationsgroup.com/api/sandbox/telemedicine>
- **Resource URL:** {base_url}/doclaim?prov_code={Unique provider to be given by Smart for every facility}&pool_number={Pool number retrieved in balance response}&amount={Claims amount}&date={Claims date in YYYY-MM-DD}&&invoice_nr={Claim's invoice number}&&comment=LIVIACLAIM&claim_type=1&claim_type2=19&line_user=LIVIAAPP&member_number={Membership number} &integ_app_code={Unique code to be shared by Smart}&is_override_date=NONE&user_id=56254&country_code=KE
- **Example:**
https://data.smartapplicationsgroup.com/api/sandbox/telemedicine/doclaim?prov_code=SKO_20&pool_number=1&amount=100&date=2020-05-28&invoice_nr=INV-0528&comment=LIVIACLAIM&claim_type=1&claim_type2=19&line_user=TESTAPP&member_number=SAMPLET

EST118&integ_app_code=TESTJubKe56255&is_override_date=FALSE&user_id=56254&country_code=KE

5.1.2 Parameters

The message to be passed to the category definition interface will have the following parameters:

Parameters	Type	Description
Member number	String	Show the current insurance status of the member. Active /deactivated
Provider code	String	Unique provider Identifier generated and shared by Smart
Benefit description	String	The name of the available benefits
Policy name	String	The name of the insured scheme
Pool Number	Integer	The benefit number
Amount	String	Billed amount
Date	Date	Claims date in YYYY-MM-DD
Invoice Number	String	Claim's invoice number
user_id	String	This will be generated and shared by Smart
is_override_date	Date	Pass False by default
country_code	String	Pass KE by default for Kenya
line_user	String	Application's name
claim_type	Integer	Pass 1 by default meaning it is a claim
claim_type2	Integer	Pass 19 by default meaning it is a telemedicine claim
comment	String	Pass any comment

5.1.3 Response

Success query for member balance will return a JSON object with the following details:

Parameters	Type	Description
Successful	String	If true, the claim has been received at Smart and if false the claim has not been received by Smart