

GenchargePhase2-API-Documentation

GenCharge API Documentation

This documentation outlines all endpoints for the GenCharge Mobile Recharge Application, grouped by modules. Each endpoint is presented in the following format:

- Method: HTTP method
- Endpoint: API path (code-styled)
- Auth: YES (requires OAuth2 Bearer) or NO (public)
- Description: Endpoint purpose

Request and Response examples are provided where applicable.

Authentication

Signup

- Method: POST
- Endpoint: `/auth/signup`
- Auth: NO
- Description: Start OTP-based signup

Request

```
{
  "phone_number": "9876543210",
  "user_type": "prepaid"
}
```

Response

```
{}
```

Verify OTP (Signup)

- Method: POST
- Endpoint: `/auth/verify-otp-signup`
- Auth: NO
- Description: Verify OTP for signup

Request

```
{  
  "phone_number": "9876543210",  
  "otp": "123456"  
}
```

Response

```
{}
```

Register

- Method: POST
- Endpoint: `/auth/register`
- Auth: YES
- Description: Create a new user profile after OTP flow

Request

```
{  
  "name": "Akhil",  
  "email": "akhil@example.com",  
  "referee_code": "REF123"  
}
```

Response

```
{
  "user_id": 101,
  "name": "Akhil",
  "email": "akhil@example.com",
  "phone_number": "9876543210",
  "referral_code": "ABCD12",
  "referee_code": "REF123",
  "user_type": "prepaid",
  "status": "active",
  "wallet_balance": 0
}
```

Login (Request OTP)

- Method: POST
- Endpoint: `/auth/login`
- Auth: NO
- Description: Request OTP for login

Request

```
{
  "phone_number": "9876543210"
}
```

Response

```
{}
```

Verify OTP (Login)

- Method: POST
- Endpoint: `/auth/verify-otp-login`

- Auth: NO
- Description: Verify OTP and establish session

Request (application/x-www-form-urlencoded)

```
grant_type=password
username=9876543210
password=123456
scope=
client_id=
client_secret=
```

Response

```
{}
```

Login (JWT Credentials)

- Method: POST
- Endpoint: `/auth/login`
- Auth: NO
- Description: Authenticate user and return JWT tokens

Request

```
{
  "email": "akhil@example.com",
  "password": "Password@123"
}
```

Response

```
{
  "access_token": "eyJhbGciOiJIUzI1NiIs...",
  "refresh_token": "eyJhbGciOiJIUzI1NiIs..."
}
```

```
"token_type": "bearer"
}
```

Logout

- Method: POST
- Endpoint: `/auth/logout`
- Auth: YES
- Description: Invalidate current session

Response

```
{}
```

Refresh Token

- Method: POST
- Endpoint: `/auth/refresh`
- Auth: NO
- Description: Issue new access and refresh tokens

Response

```
{
  "access_token": "eyJ...new...",
  "refresh_token": "eyJ...maybe-null...",
  "token_type": "bearer"
}
```

Admin

Get Self (Admin)

- Method: GET
- Endpoint: `/admin/me`

- Auth: YES
- Description: Get current admin profile

Response

```
{
  "admin_id": 1,
  "name": "Admin",
  "email": "admin@example.com",
  "phone_number": "9999999999",
  "role_id": 2,
  "created_at": "2025-11-10T10:00:00Z",
  "updated_at": "2025-11-10T10:00:00Z"
}
```

Update Self (Admin)

- Method: PATCH
- Endpoint: `/admin/me`
- Auth: YES
- Description: Update current admin profile

Request

```
{
  "email": "new-admin@example.com"
}
```

Response

```
{
  "admin_id": 1,
  "name": "Admin",
  "email": "new-admin@example.com",
  "phone_number": "9999999999",
  "role_id": 2,
}
```

```
"created_at": "2025-11-10T10:00:00Z",  
"updated_at": "2025-11-11T11:00:00Z"  
}
```

List Admins

- Method: GET
- Endpoint: `/admin/`
- Auth: YES
- Description: Filterable list of admins

Query Params

name, email, phone_number, role_name, skip, limit, sort_by, sort_order

Response

```
[  
  {  
    "admin_id": 1,  
    "name": "Admin",  
    "email": "admin@example.com",  
    "phone_number": "9999999999",  
    "role_id": 2,  
    "created_at": "2025-11-10T10:00:00Z",  
    "updated_at": "2025-11-10T10:00:00Z"  
  }  
]
```

Create Admin

- Method: POST
- Endpoint: `/admin/`
- Auth: YES
- Description: Create an admin user

Request

```
{
  "name": "Ops",
  "email": "ops@example.com",
  "phone_number": "8888888888",
  "role_name": "Operator"
}
```

Response

```
{
  "admin_id": 3,
  "name": "Ops",
  "email": "ops@example.com",
  "phone_number": "8888888888",
  "role_id": 4,
  "created_at": "2025-11-11T10:00:00Z",
  "updated_at": null
}
```

Update Admin (by phone)

- Method: PATCH
- Endpoint: `/admin/{phone_number}`
- Auth: YES
- Description: Update admin data by phone

Request

```
{
  "name": "Ops Two",
  "email": "ops2@example.com",
  "phone_number": "8888888888",
}
```



```
"role_name": "Operator"
}
```

Response

```
{
  "admin_id": 3,
  "name": "Ops Two",
  "email": "ops2@example.com",
  "phone_number": "8888888888",
  "role_id": 4,
  "created_at": "2025-11-11T10:00:00Z",
  "updated_at": "2025-11-11T10:30:00Z"
}
```

Delete Admin (by phone)

- Method: DELETE
- Endpoint: `/admin/{phone_number}`
- Auth: YES
- Description: Delete admin by phone number

Response

```
{}
```

Roles & Permissions

List Roles

- Method: GET
- Endpoint: `/role/`
- Auth: YES
- Description: List roles with filters and sorting

Response

```
[
  {
    "role_name": "Admin",
    "role_id": 1,
    "permissions": [
      {
        "permission_id": 10,
        "resource": "Users",
        "read": true,
        "write": false,
        "delete": false,
        "edit": true
      }
    ]
  }
]
```

Create Role

- Method: POST
- Endpoint: `/role/`
- Auth: YES
- Description: Create a role with permission IDs

Request

```
{
  "role_name": "Support",
  "permission_ids": [1, 2, 3]
}
```

Response

```
{
  "role_name": "Support",
  "role_id": 5,
  "permissions": []
}
```

Get Role

- Method: GET
- Endpoint: `/role/{role_id}`
- Auth: YES
- Description: Fetch a specific role

Response

```
{
  "role_name": "Support",
  "role_id": 5,
  "permissions": []
}
```

Update Role

- Method: PUT
- Endpoint: `/role/{role_id}`
- Auth: YES
- Description: Update role name and permissions

Request

```
{
  "role_name": "Support Plus",
  "permission_ids": [1, 2]
}
```

Response

```
{
  "role_name": "Support Plus",
  "role_id": 5,
  "permissions": []
}
```

Delete Role

- Method: DELETE
- Endpoint: `/role/{role_id}`
- Auth: YES
- Description: Delete a role

Response

```
{}
```

List Permissions

- Method: GET
- Endpoint: `/role/permissions/all`
- Auth: YES
- Description: List all defined permissions

Response

```
[
  {
    "permission_id": 1,
    "resource": "Users",
    "read": true,
    "write": false,
    "delete": false,
    "edit": true
  }
]
```

```
}  
]
```

Users

Admin: List Users

- Method: GET
- Endpoint: `/user/admin`
- Auth: YES
- Description: Filterable users list

Response

```
[  
  {  
    "user_id": 101,  
    "name": "Akhil",  
    "email": "akhil@example.com",  
    "phone_number": "9876543210",  
    "referral_code": "ABCD12",  
    "user_type": "prepaid",  
    "status": "active",  
    "wallet_balance": 0,  
    "created_at": "2025-11-10T10:00:00Z"  
  }  
]
```

Admin: List Archived Users

- Method: GET
- Endpoint: `/user/admin/archived`
- Auth: YES
- Description: Archived users list

Response

```
[
  {
    "user_id": 102,
    "name": "Ben",
    "email": "ben@example.com",
    "phone_number": "9000000000",
    "referral_code": "ZXCVB1",
    "referee_code": null,
    "user_type": "postpaid",
    "status": "active",
    "wallet_balance": 0,
    "created_at": "2025-10-01T00:00:00Z",
    "deleted_at": "2025-11-10T12:00:00Z"
  }
]
```

Admin: Block User

- Method: POST
- Endpoint: `/user/admin/block/{user_id}`
- Auth: YES
- Description: Block a user

Response

```
{
  "user_id": 101,
  "status": "blocked",
  "phone_number": "9876543210",
  "user_type": "prepaid",
  "created_at": "2025-11-10T10:00:00Z"
}
```

Admin: Unblock User

- Method: POST
- Endpoint: `/user/admin/unblock/{user_id}`
- Auth: YES
- Description: Unblock a user

Response

```
{
  "user_id": 101,
  "status": "active",
  "phone_number": "9876543210",
  "user_type": "prepaid",
  "created_at": "2025-11-10T10:00:00Z"
}
```

Admin: Delete User

- Method: DELETE
- Endpoint: `/user/admin/{user_id}`
- Auth: YES
- Description: Delete a user

Response

```
{}
```

Me: Profile

- Method: GET
- Endpoint: `/user/me`
- Auth: YES
- Description: Get my profile

Response

```
{
  "user_id": 101,
  "name": "Akhil",
  "email": "akhil@example.com",
  "phone_number": "9876543210",
  "user_type": "prepaid",
  "status": "active",
  "wallet_balance": 0,
  "created_at": "2025-11-10T10:00:00Z"
}
```

Me: Delete Account

- Method: DELETE
- Endpoint: `/user/me`
- Auth: YES
- Description: Delete my account

Response

```
{}
```

Me: Update Email

- Method: PUT
- Endpoint: `/user/me/email`
- Auth: YES
- Description: Update email

Request

```
{
  "email": "new@example.com"
}
```


Response

```
{
  "user_id": 101,
  "email": "new@example.com",
  "phone_number": "9876543210",
  "user_type": "prepaid",
  "status": "active",
  "wallet_balance": 0,
  "created_at": "2025-11-10T10:00:00Z"
}
```

Me: Switch Type

- Method: PUT
- Endpoint: `/user/me/switch-type`
- Auth: YES
- Description: Switch account type

Request

```
{
  "user_type": "postpaid"
}
```

Response

```
{
  "user_id": 101,
  "user_type": "postpaid",
  "status": "active",
  "phone_number": "9876543210",
  "created_at": "2025-11-10T10:00:00Z"
}
```

Me: Deactivate

- Method: POST
- Endpoint: `/user/me/deactivate`
- Auth: YES
- Description: Deactivate my account

Response

```
{
  "user_id": 101,
  "status": "active",
  "phone_number": "9876543210",
  "user_type": "prepaid",
  "created_at": "2025-11-10T10:00:00Z"
}
```

Me: Reactivate

- Method: POST
- Endpoint: `/user/me/reactivate`
- Auth: YES
- Description: Reactivate my account

Response

```
{
  "user_id": 101,
  "status": "active",
  "phone_number": "9876543210",
  "user_type": "prepaid",
  "created_at": "2025-11-10T10:00:00Z"
}
```

User Preferences (Get)

- Method: GET

- Endpoint: `/user/preference`
- Auth: YES
- Description: Get my preferences

Response

```
{
  "user_id": 101,
  "email_notification": true,
  "sms_notification": true,
  "marketing_communication": false,
  "recharge_remainders": true,
  "promotional_offers": false,
  "transactional_alerts": true,
  "data_analytics": true,
  "third_party_integrations": false
}
```

User Preferences (Update)

- Method: PUT
- Endpoint: `/user/preference`
- Auth: YES
- Description: Update my preferences

Request

```
{
  "email_notification": true,
  "sms_notification": true,
  "marketing_communication": false,
  "recharge_remainders": true,
  "promotional_offers": false,
  "transactional_alerts": true,
  "data_analytics": true,
}
```

```
"third_party_integrations": false
}
```

Response

```
{
  "user_id": 101,
  "email_notification": true,
  "sms_notification": true,
  "marketing_communication": false,
  "recharge_remainders": true,
  "promotional_offers": false,
  "transactional_alerts": true,
  "data_analytics": true,
  "third_party_integrations": false
}
```

Plans

Create Plan Group

- Method: POST
- Endpoint: `/plans/plan-group`
- Auth: YES
- Description: Create plan group

Request

```
{
  "group_name": "Data Packs"
}
```

Response

```
{
  "group_id": 10,
  "group_name": "Data Packs"
}
```

List Plan Groups

- Method: GET
- Endpoint: `/plans/plan-group`
- Auth: YES
- Description: List plan groups (filters, sort, pagination)

Response

```
[
  { "group_id": 10, "group_name": "Data Packs" }
]
```

Get Plan Group

- Method: GET
- Endpoint: `/plans/plan-group/{group_id}`
- Auth: YES
- Description: Fetch a plan group

Response

```
{
  "group_id": 10,
  "group_name": "Data Packs"
}
```

Update Plan Group

- Method: PUT

- Endpoint: `/plans/plan-group/{group_id}`
- Auth: YES
- Description: Update plan group name

Request

```
{  
  "group_name": "Data Packs (4G/5G)"  
}
```

Response

```
{  
  "group_id": 10,  
  "group_name": "Data Packs (4G/5G)"  
}
```

Delete Plan Group

- Method: DELETE
- Endpoint: `/plans/plan-group/{group_id}`
- Auth: YES
- Description: Delete plan group

Response

```
{}
```

Create Plan

- Method: POST
- Endpoint: `/plans/plan`
- Auth: YES
- Description: Create a plan

Request

```
{
  "plan_name": "1.5GB/day 84d",
  "validity": 84,
  "most_popular": true,
  "plan_type": "prepaid",
  "group_id": 10,
  "description": "Unlimited calls + 1.5GB/day",
  "criteria": {},
  "price": 699
}
```

Response

```
{
  "plan_id": 101,
  "plan_name": "1.5GB/day 84d",
  "plan_type": "prepaid",
  "status": "active",
  "price": 699,
  "created_at": "2025-11-10T10:00:00Z"
}
```

List Plans (Admin)

- Method: GET
- Endpoint: `/plans/plan`
- Auth: YES
- Description: List plans with filters and pagination

Response

```
[
  {
    "plan_id": 101,
```

```
"plan_name": "1.5GB/day 84d",
"plan_type": "prepaid",
"price": 699,
"status": "active",
"created_at": "2025-11-10T10:00:00Z"
}
]
```

Get Plan By Id

- Method: GET
- Endpoint: `/plans/plan/{plan_id}`
- Auth: YES
- Description: Fetch plan details

Response

```
{
  "plan_id": 101,
  "plan_name": "1.5GB/day 84d",
  "plan_type": "prepaid",
  "status": "active",
  "created_at": "2025-11-10T10:00:00Z"
}
```

Update Plan

- Method: PUT
- Endpoint: `/plans/plan/{plan_id}`
- Auth: YES
- Description: Update plan fields

Request

```
{
  "plan_name": "1.5GB/day 84d (New)",
```



```
"validity": 84,  
"plan_type": "prepaid",  
"group_id": 10,  
"description": "Unlimited calls + 1.5GB/day",  
"criteria": {},  
"status": "active",  
"most_popular": true  
}
```

Response

```
{  
  "plan_id": 101,  
  "plan_name": "1.5GB/day 84d (New)",  
  "plan_type": "prepaid",  
  "status": "active",  
  "created_at": "2025-11-10T10:00:00Z"  
}
```

Delete Plan

- Method: DELETE
- Endpoint: `/plans/plan/{plan_id}`
- Auth: YES
- Description: Delete a plan

Response

```
{}
```

Public Active Plans

- Method: GET
- Endpoint: `/plans/public/all`
- Auth: NO

- Description: List active plans for users

Response

```
[
  {
    "plan_id": 101,
    "plan_name": "1.5GB/day 84d",
    "plan_type": "prepaid",
    "price": 699
  }
]
```

Offers

Create Offer Type

- Method: POST
- Endpoint: `/offers/offer_type`
- Auth: YES
- Description: Create offer type

Request

```
{
  "offer_type_name": "Festive Offer"
}
```

Response

```
{
  "offer_type_id": 1,
  "offer_type_name": "Festive Offer"
}
```

List Offer Types

- Method: GET
- Endpoint: `/offers/offer_type`
- Auth: YES
- Description: List offer types

Response

```
[  
  { "offer_type_id": 1, "offer_type_name": "Festive Offer" }  
]
```

Get Offer Type

- Method: GET
- Endpoint: `/offers/offer_type/{offer_type_id}`
- Auth: YES
- Description: Get offer type by id

Response

```
{  
  "offer_type_id": 1,  
  "offer_type_name": "Festive Offer"  
}
```

Update Offer Type

- Method: PUT
- Endpoint: `/offers/offer_type/{offer_type_id}`
- Auth: YES
- Description: Update offer type

Request

```
{
  "offer_type_name": "New Year Offer"
}
```

Response

```
{
  "offer_type_id": 1,
  "offer_type_name": "New Year Offer"
}
```

Delete Offer Type

- Method: DELETE
- Endpoint: `/offers/offer_type/{offer_type_id}`
- Auth: YES
- Description: Delete offer type

Response

```
{}
```

Create Offer

- Method: POST
- Endpoint: `/offers/offers`
- Auth: YES
- Description: Create an offer

Request

```
{
  "offer_name": "Diwali 10% OFF",
  "offer_validity": 30,
  "offer_type_id": 1,
}
```

```
"is_special": true,
"criteria": {},
"description": "Festival offer",
"status": "active"
}
```

Response

```
{
  "offer_id": 10,
  "offer_name": "Diwali 10% OFF",
  "offer_type": { "offer_type_id": 1, "offer_type_name": "Festive Offer" },
  "is_special": true,
  "created_at": "2025-11-10T10:00:00Z",
  "status": "active"
}
```

List Offers (Admin)

- Method: GET
- Endpoint: `/offers/offers`
- Auth: YES
- Description: List offers with filters

Response

```
[
  {
    "offer_id": 10,
    "offer_name": "Diwali 10% OFF",
    "is_special": true,
    "created_at": "2025-11-10T10:00:00Z",
    "status": "active"
  }
]
```

Get Offer

- Method: GET
- Endpoint: `/offers/offers/{offer_id}`
- Auth: YES
- Description: Get offer by id

Response

```
{
  "offer_id": 10,
  "offer_name": "Diwali 10% OFF",
  "is_special": true,
  "created_at": "2025-11-10T10:00:00Z",
  "status": "active"
}
```

Update Offer

- Method: PUT
- Endpoint: `/offers/offers/{offer_id}`
- Auth: YES
- Description: Update offer

Request

```
{
  "offer_name": "Diwali 12% OFF",
  "offer_validity": 45,
  "offer_type_id": 1,
  "is_special": true,
  "criteria": {},
  "description": "Festival offer updated",
  "status": "active"
}
```

Response

```
{
  "offer_id": 10,
  "offer_name": "Diwali 12% OFF",
  "is_special": true,
  "created_at": "2025-11-10T10:00:00Z",
  "status": "active"
}
```

Delete Offer

- Method: DELETE
- Endpoint: `/offers/offers/{offer_id}`
- Auth: YES
- Description: Delete an offer

Response

```
{}
```

Public Offers

- Method: GET
- Endpoint: `/offers/offers/public`
- Auth: NO
- Description: Public listing of offers

Response

```
[
  {
    "offer_id": 10,
    "offer_name": "Diwali 10% OFF",
    "offer_type": { "offer_type_id": 1, "offer_type_name": "Festive Offer" },
    "is_special": true,
  }
]
```

```
"description": "Festival offer"
}
```

Recharge & Wallet

Wallet Top-up

- Method: POST
- Endpoint: `/recharge/wallet/topup`
- Auth: YES
- Description: Add funds to wallet

Request

```
{
  "amount": 500,
  "phone_number": "9876543210",
  "payment_method": "UPI"
}
```

Response

```
{
  "txn_id": 201,
  "category": "wallet",
  "txn_type": "credit",
  "amount": "500.00",
  "source": "wallet_topup",
  "status": "success",
  "payment_method": "UPI",
  "created_at": "2025-11-10T10:00:00Z"
}
```

Subscribe (Recharge)

- Method: POST
- Endpoint: `/recharge/subscribe`
- Auth: YES
- Description: Subscribe to a plan

Request

```
{
  "phone_number": "9876543210",
  "plan_id": 101,
  "offer_id": 10,
  "payment_method": "Card",
  "source": "recharge",
  "activation_mode": "activate"
}
```

Response

```
{
  "txn_id": 202,
  "category": "service",
  "txn_type": "debit",
  "amount": "699.00",
  "service_type": "prepaid",
  "plan_id": 101,
  "offer_id": 10,
  "source": "recharge",
  "status": "success",
  "payment_method": "Card",
  "created_at": "2025-11-10T10:00:00Z"
}
```

My Active Plans

- Method: GET

- Endpoint: `/recharge/my/plans`
- Auth: YES
- Description: List my active and expired plans

Response

```
{
  "plans": [
    {
      "id": 1,
      "user_id": 101,
      "plan_id": 101,
      "phone_number": "9876543210",
      "valid_from": "2025-11-10T10:00:00Z",
      "valid_to": "2026-02-02T10:00:00Z",
      "status": "active",
      "plan": {
        "plan_id": 101,
        "plan_name": "1.5GB/day 84d",
        "plan_type": "prepaid",
        "status": "active",
        "created_at": "2025-11-10T10:00:00Z"
      }
    }
  ],
  "total": 1,
  "page": 1,
  "size": 10,
  "pages": 1
}
```

My Transactions

- Method: GET
- Endpoint: `/recharge/my/transactions`

- Auth: YES
- Description: My transaction history

Response

```
{
  "transactions": [
    {
      "txn_id": 202,
      "category": "service",
      "txn_type": "debit",
      "amount": "699.00",
      "source": "recharge",
      "status": "success",
      "created_at": "2025-11-10T10:00:00Z"
    }
  ],
  "total": 1,
  "page": 1,
  "size": 10,
  "pages": 1
}
```

Admin: Active Plans

- Method: GET
- Endpoint: `/recharge/admin/active-plans`
- Auth: YES
- Description: Admin view of active plans

Response

```
{
  "plans": [],
  "total": 0,
  "page": 1,
```

```
"size": 10,  
"pages": 0  
}
```

Admin: Transactions

- Method: GET
- Endpoint: `/recharge/admin/transactions`
- Auth: YES
- Description: Admin transaction listing

Response

```
{  
  "transactions": [],  
  "total": 0,  
  "page": 1,  
  "size": 10,  
  "pages": 0  
}
```

Autopay

Create Autopay

- Method: POST
- Endpoint: `/autopay/create_autopay`
- Auth: YES
- Description: Create a recurring recharge rule

Request

```
{  
  "plan_id": 101,  
  "phone_number": "9876543210",  
}
```

```
"tag": "regular",
"next_due_date": "2025-12-01T09:00:00Z",
"status": "enabled"
}
```

Response

```
{
  "autopay_id": 1,
  "user_id": 101,
  "plan_id": 101,
  "status": "enabled",
  "phone_number": "9876543210",
  "tag": "regular",
  "next_due_date": "2025-12-01T09:00:00Z",
  "created_at": "2025-11-10T10:00:00Z"
}
```

Get Autopay

- Method: GET
- Endpoint: `/autopay/get_autopay/{autopay_id}`
- Auth: YES
- Description: Get a specific autopay

Response

```
{
  "autopay_id": 1,
  "user_id": 101,
  "plan_id": 101,
  "status": "enabled",
  "phone_number": "9876543210",
  "tag": "regular",
  "next_due_date": "2025-12-01T09:00:00Z",
}
```

```
"created_at": "2025-11-10T10:00:00Z"
}
```

List My Autopays

- Method: GET
- Endpoint: `/autopay/get_all_autopay`
- Auth: YES
- Description: List my autopays

Response

```
{
  "items": [],
  "total": 0,
  "page": 1,
  "size": 20,
  "pages": 0
}
```

Edit Autopay

- Method: PATCH
- Endpoint: `/autopay/{autopay_id}`
- Auth: YES
- Description: Update autopay details

Request

```
{
  "plan_id": 101,
  "phone_number": "9876543210",
  "tag": "regular",
  "next_due_date": "2025-12-01T09:00:00Z",
}
```

```
"status": "disabled"
}
```

Response

```
{
  "autopay_id": 1,
  "status": "disabled",
  "next_due_date": "2025-12-01T09:00:00Z"
}
```

Remove Autopay

- Method: DELETE
- Endpoint: `/autopay/{autopay_id}`
- Auth: YES
- Description: Delete autopay rule

Response

```
{}
```

Admin: List All Autopays

- Method: GET
- Endpoint: `/autopay/admin/all`
- Auth: YES
- Description: Admin view of all autopays

Response

```
{
  "items": [],
  "total": 0,
  "page": 1,
  "size": 20,
}
```

```
"pages": 0
}
```

Admin: Process Due Autopays

- Method: POST
- Endpoint: `/autopay/admin/process-due`
- Auth: YES
- Description: Process due autopays

Response

```
[
  { "autopay_id": 1, "status": "processed", "message": "success" }
]
```

Referrals

My Referral History

- Method: GET
- Endpoint: `/referrals/me`
- Auth: YES
- Description: My referral rewards

Response

```
{
  "items": [
    {
      "reward_id": 1,
      "referrer_id": 101,
      "referred_id": 102,
      "reward_amount": "50.00",
      "status": "earned",

```



```
"created_at": "2025-11-10T10:00:00Z",
"claimed_at": "2025-11-11T10:00:00Z"
}
],
"total": 1,
"page": 1,
"size": 20,
"pages": 1
}
```

Admin Referral History

- Method: GET
- Endpoint: `/referrals/admin/all`
- Auth: YES
- Description: System-wide referral rewards

Response

```
{
  "items": [],
  "total": 0,
  "page": 1,
  "size": 20,
  "pages": 0
}
```

Notifications

Create Announcement

- Method: POST
- Endpoint: `/notification/announcement`
- Auth: YES
- Description: Publish announcement

Request

```
{
  "description": "Scheduled maintenance at 10 PM",
  "attachments": {},
  "scheduled_at": "2025-11-12T22:00:00Z",
  "recipient_type": "all_users"
}
```

Response

```
{
  "_id": "507f1f77bcf86cd799439011",
  "sender_type": "admin",
  "description": "Scheduled maintenance at 10 PM",
  "recipient_type": "all_users",
  "recipient_id": null,
  "status": "delivered",
  "type": "announcement",
  "attachments": {},
  "created_at": "2025-11-11T10:00:00Z",
  "scheduled_at": "2025-11-12T22:00:00Z"
}
```

Get My Notifications

- Method: GET
- Endpoint: `/notification/my`
- Auth: YES
- Description: List my notifications

Response

```
[
  {
    "_id": "507f1f77bcf86cd799439011",
```

```
"sender_type": "system",
"description": "Welcome!",
"recipient_type": "user",
"recipient_id": 101,
"status": "delivered",
"type": "in-app",
"attachments": {},
"created_at": "2025-11-10T10:00:00Z",
"scheduled_at": null
}
]
```

Delete Notification

- Method: DELETE
- Endpoint: `/notification/delete`
- Auth: YES
- Description: Delete my notification(s)

Request

```
{
  "id": "507f1f77bcf86cd799439011"
}
```

Response

```
{}
```

Content

Admin: Create Content

- Method: POST
- Endpoint: `/content/admin`

- Auth: YES
- Description: Create content (multipart)

Request (multipart/form-data)

```
content_type=FAQ
title="Help"
body="..."
image=(binary)
```

Response

```
{
  "_id": "507f1f77bcf86cd799439011",
  "content_type": "FAQ",
  "title": "Help",
  "body": "How can we help?",
  "image_url": "/static/uploads/faq.png",
  "image_filename": "faq.png",
  "created_by": 1,
  "created_at": "2025-11-10T10:00:00Z",
  "updated_at": "2025-11-10T10:00:00Z",
  "updated_by": 1
}
```

Admin: List Content

- Method: GET
- Endpoint: `/content/admin`
- Auth: YES
- Description: List content with filters and pagination

Response

```
{
  "items": [],
```

```
"total": 0,  
"page": 1,  
"size": 10,  
"pages": 0  
}
```

Admin: Edit Content

- Method: PUT
- Endpoint: `/content/admin/{content_id}`
- Auth: YES
- Description: Update content (multipart)

Request (multipart/form-data)

```
content_type=FAQ  
title="Updated"  
body="..."  
image=(binary)
```

Response

```
{  
  "_id": "507f1f77bcf86cd799439011",  
  "content_type": "FAQ",  
  "title": "Updated",  
  "body": "Updated body",  
  "image_url": "/static/uploads/faq.png",  
  "image_filename": "faq.png",  
  "created_by": 1,  
  "created_at": "2025-11-10T10:00:00Z",  
  "updated_at": "2025-11-11T11:00:00Z",  
  "updated_by": 1  
}
```

Admin: Delete Content

- Method: DELETE
- Endpoint: `/content/admin/{content_id}`
- Auth: YES
- Description: Delete content

Response

```
{}
```

Public Content

- Method: GET
- Endpoint: `/content`
- Auth: NO
- Description: List public content

Response

```
{
  "items": [
    { "title": "Welcome", "body": "Hello", "image_url": null }
  ],
  "total": 1,
  "page": 1,
  "size": 10,
  "pages": 1
}
```

Contact Form

Create Contact

- Method: POST
- Endpoint: `/contact-from/contacts/`

- Auth: NO
- Description: Submit contact message

Request

```
{
  "name": "User",
  "email": "user@example.com",
  "description": "I need help"
}
```

Response

```
{
  "name": "User",
  "email": "user@example.com",
  "description": "I need help",
  "_id": "507f1f77bcf86cd799439011",
  "created_at": "2025-11-10T10:00:00Z",
  "resolved": false
}
```

List Contacts (Admin)

- Method: GET
- Endpoint: `/contact-from/contacts/`
- Auth: YES
- Description: List contacts with filters

Response

```
[
  {
    "name": "User",
    "email": "user@example.com",
    "description": "I need help",
```

```
"_id": "507f1f77bcf86cd799439011",
"created_at": "2025-11-10T10:00:00Z",
"resolved": false
}
]
```

Mark Resolved (Admin)

- Method: PATCH
- Endpoint: `/contact-from/contacts/{contact_id}/resolved`
- Auth: YES
- Description: Mark contact as resolved

Request

```
{
  "resolved": true
}
```

Response

```
{
  "name": "User",
  "email": "user@example.com",
  "description": "I need help",
  "_id": "507f1f77bcf86cd799439011",
  "created_at": "2025-11-10T10:00:00Z",
  "resolved": true
}
```

Backup

Create Backup

- Method: POST

- Endpoint: `/backup/backup/create`
- Auth: YES
- Description: Create a DB backup (pg_dump)

Request

```
{
  "backup_data": "daily_snapshot",
  "description": "Nightly backup",
  "tables": [
    {
      "table_name": "Users",
      "date_column": "created_at",
      "start_date": "2025-11-01",
      "end_date": "2025-11-10"
    }
  ]
}
```

Response

```
{
  "backup_file": "backup_20251110_010101.sql",
  "backup_path": "/backups/backup_20251110_010101.sql",
  "size_mb": "12.3",
  "message": "Backup completed successfully"
}
```

List Backups

- Method: GET
- Endpoint: `/backup/backup/`
- Auth: YES
- Description: List backup records

Response

```
[
  {
    "backup_id": "b1",
    "backup_data": "daily_snapshot",
    "snapshot_name": "backup_20251110_010101.sql",
    "storage_url": "/backups/backup_20251110_010101.sql",
    "backup_status": "success",
    "size_mb": "12.3",
    "description": "Nightly backup",
    "details": [],
    "created_at": "2025-11-10T01:01:01Z",
    "created_by": 1
  }
]
```

Delete Backup

- Method: DELETE
- Endpoint: `/backup/backup/{backup_id}`
- Auth: YES
- Description: Delete a backup record

Response

```
{}
```

Restore Backup

- Method: POST
- Endpoint: `/backup/backup/{backup_id}/restore`
- Auth: YES
- Description: Restore backup in background

Request

```
{
  "target_db": "postgres",
  "clean": false
}
```

Response

```
{}
```

Reports

Note: All report endpoints are POST with JSON filter bodies and return JSON or export per filter.

Admins Report

- Method: POST
- Endpoint: `/reports/admins-report`
- Auth: YES
- Description: Admins report

Autopay Report

- Method: POST
- Endpoint: `/reports/autopay-report`
- Auth: YES
- Description: Autopay report

Backup Report

- Method: POST
- Endpoint: `/reports/backup-report`
- Auth: YES
- Description: Backup report

Current Active Plans Report

- Method: POST
- Endpoint: `/reports/current-active-plans-report`
- Auth: YES
- Description: Current active plans report

Offers Report

- Method: POST
- Endpoint: `/reports/offers-report`
- Auth: YES
- Description: Offers report

Example Request (Offers Report)

```
{
  "offer_ids": [10],
  "statuses": ["active"],
  "order_by": "created_at",
  "order_dir": "desc",
  "limit": 0,
  "offset": 0,
  "export_type": "none"
}
```

Example Response

```
{
  "data": []
}
```

Plans Report

- Method: POST
- Endpoint: `/reports/plans-report`

- Auth: YES
- Description: Plans report

Referral Report

- Method: POST
- Endpoint: `/reports/referral-report`
- Auth: YES
- Description: Referral report

Role-permission Report

- Method: POST
- Endpoint: `/reports/role-permission-report`
- Auth: YES
- Description: Role-permission report

Sessions Report

- Method: POST
- Endpoint: `/reports/sessions-report`
- Auth: YES
- Description: Sessions report

Transactions Report

- Method: POST
- Endpoint: `/reports/transactions-report`
- Auth: YES
- Description: Transactions report

Archived Users Report

- Method: POST
- Endpoint: `/reports/archived-users-report`
- Auth: YES

- Description: Users archive report

Users Report

- Method: POST
- Endpoint: `/reports/users-report`
- Auth: YES
- Description: Users report

My Transactions Report

- Method: POST
 - Endpoint: `/reports/me/transactions-report`
 - Auth: YES
 - Description: My transactions report
-

Analytics

Admins Analytics

- Method: GET
- Endpoint: `/analytics/admins`
- Auth: YES
- Description: Admins analytics

Backups Analytics

- Method: GET
- Endpoint: `/analytics/backup`
- Auth: NO
- Description: Backups analytics

Current Active Plans Analytics

- Method: GET
- Endpoint: `/analytics/current-active-plans`

- Auth: YES
- Description: Current active plans analytics

Offers Analytics

- Method: GET
- Endpoint: `/analytics/offers`
- Auth: YES
- Description: Offers analytics

Plans Analytics

- Method: GET
- Endpoint: `/analytics/plans`
- Auth: YES
- Description: Plans analytics

Referrals Analytics

- Method: GET
- Endpoint: `/analytics/referrals`
- Auth: YES
- Description: Referrals analytics

Transactions Analytics

- Method: GET
- Endpoint: `/analytics/transactions`
- Auth: YES
- Description: Transactions analytics

Users Archive Analytics

- Method: GET
- Endpoint: `/analytics/users-archive`
- Auth: YES

- Description: Users archive analytics

Users Analytics

- Method: GET
- Endpoint: `/analytics/users`
- Auth: YES
- Description: Users analytics

My User Insight Analytics

- Method: GET
 - Endpoint: `/analytics/me/users`
 - Auth: YES
 - Description: My user insight analytics
-

Testing (Utilities)

Admin Dashboard (Sample)

- Method: GET
- Endpoint: `/test/admin/stats`
- Auth: YES
- Description: Sample admin dashboard payload

Response

```
{}
```

Create Content With Image (Sample)

- Method: POST
- Endpoint: `/test/api/content`
- Auth: NO
- Description: Multipart content + image (demo)

Request (multipart/form-data)

```
title="Hello"  
body="Body"  
image=(binary)
```

Response

```
{}
```

Delete Content (Sample)

- Method: DELETE
- Endpoint: `/test/api/content/{content_id}`
- Auth: NO
- Description: Delete demo content and image

Response

```
{}
```

Notes

- Auth indicates whether the route requires OAuth2 bearer per the OpenAPI security block. Public routes show NO.
- Request and response examples are representative based on schemas; fields may include additional optional properties.