

Subscription Management API Documentation

This document describes the endpoints for managing user subscriptions.

Base URL

```
https://api.example.com/v1
```

Endpoints

1. Create Subscription

POST /subscriptions

Request Body

```
{
  "user_id": "string",
  "plan_id": "string",
  "start_date": "YYYY-MM-DD"
}
```

Response

```
{
  "subscription_id": "string",
  "status": "active"
}
```

2. Get Subscription

GET /subscriptions/{subscription_id}

Response

```
{
  "subscription_id": "string",
  "user_id": "string",
  "plan_id": "string",
  "status": "active",
  "start_date": "YYYY-MM-DD",
  "end_date": "YYYY-MM-DD"
}
```

3. Update Subscription

PUT /subscriptions/{subscription_id}

Request Body

```
{
  "plan_id": "string"
}
```

Response

```
{
  "subscription_id": "string",
  "status": "active"
}
```

4. Cancel Subscription

DELETE /subscriptions/{subscription_id}

Response

```
{
  "subscription_id": "string",
  "status": "cancelled"
}
```

Parameters

Name	Type	Description
user_id	string	User identifier
plan_id	string	Subscription plan identifier
subscription_id	string	Subscription identifier
start_date	string	Subscription start date (YYYY-MM-DD)
end_date	string	Subscription end date (YYYY-MM-DD, optional)
status	string	Status of subscription (active, cancelled)

HTTP Status Codes

- 200 OK â€” Successful request
- 201 Created â€” Resource created
- 400 Bad Request â€” Invalid input
- 404 Not Found â€” Resource not found
- 500 Internal Server Error â€” Server error