



ADVANCE MESSAGING
SYSTEM
SMS API DOCUMENT

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Introduction

This document explains how to use the messages endpoint to send single or bulk SMS. When you send SMS messages using this API, it will return the message IDs, allowing you to track them later.

I. Simple Api Documentation

1. Simple Api Send SMS

Url:

<https://api.tawasolsms.com/index.php?user=user1&pass=123456&sid=Tawasol&mno=966xxxxxxx1&text=testsms&type=1>

Method: Get

Description

Simple Single or Bulk SMS using URL parameters included username and password. When you send SMS messages using this API, the API will return to you the sent messages' ID to track them later.

PARAMS

name	value
username	user1
password	123456
text	Your url: https://tawasolsms.com/index.php
mno	966xxxxxxx1
type	1
sid	tawasol

Example Request:

Url:

https://api.tawasolsms.com/index.php?user=user1&pass=123456&sid=Tawasol&mno=966xxxxxxx1&text=testsms&type=1

Method: GET

Response Success (200 - OK)

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "MessageID": [
      "2503201507578527991"
    ],
    "MessageContent": "test sms",
    "Status": "Sent",
    "totalSms": 1,
    "totalRecipients": 1,
    "Balance": "Not requested",
    "Recipient": "966xxxxxxx1",
    "TimeCreated": "2025-03-20 15:07:57"
  }
}
```

```

Body Headers (6) Status Code 200 OK
JSON Preview
1  {
2    "success": "true",
3    "message": "ok",
4    "errorCode": "ER-00",
5    "data": {
6      "MessageID": [
7        "2503201507578527991"
8      ],
9      "MessageContent": "test sms",
10     "Status": "Sent",
11     "totalSms": 1,
12     "totalRecipients": 1,
13     "Balance": "Not Requested",
14     "Recipient": "966xxxxxxxx1",
15     "TimeCreated": "2025-03-20 15:07:57"
16   }
17 }

```

2. Simple Api Send Group SMS

Url:

<https://api.tawasolsms.com/group.php?user=user1&pass=1234567&sid=TawasolSMS&group=gr3&limit=5&type=1&text=test group sms>

Request Method: GET

Description:

This API allows users to send an SMS to a predefined group of contacts. The message is sent using the specified sender ID and limited to a specific number of recipients per request.

Example Request:

Url:

<https://api.tawasolsms.com/group.php?user=user1&pass=1234567&sid=TawasolSMS&group=gr3&limit=5&type=1&text=test group sms>

Method: GET

form data

name	value
username	user1
password	1234567
text	test group SMS

limit	5
type	1
sid	TawasolSMS
group	gr3

Response Success (200 - OK)

```
{  
  "success": true,  
  "message": "ok",  
  "errorCode": "ER-00",  
  "BatchId": "2003251625414441831"  
}
```



The screenshot shows a web browser's developer tools interface. The 'Body' tab is selected, and the response is displayed as JSON. The JSON object contains the following fields: 'success' (true), 'message' ('ok'), 'errorCode' ('ER-00'), and 'BatchId' ('2003251625414441831'). The interface includes a 'JSON' dropdown menu and a 'Preview' button.

3. Simple Api Group Status

Url:

https://api.tawasolsms.com/group-status.php?batch_id=2003251625414441831&user=user1&pass=123456

Request Method: GET

Description:

This API allows users to check the delivery status of a previously sent group SMS. The status report includes details such as request status, delivery status, timestamps, and recipient numbers.

Example Request:

Url:

https://api.tawasolsms.com/group-status.php?batch_id=2003251625414441831&user=user1&pass=123456

Method: GET

form data

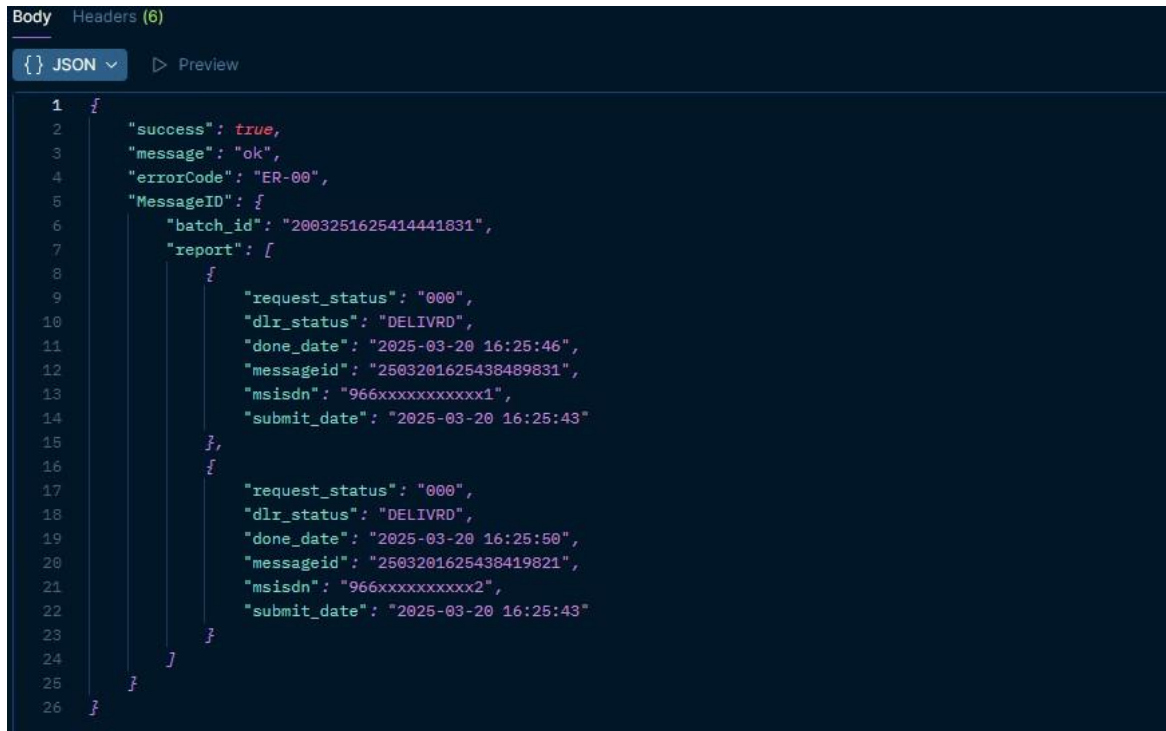
name	value
username	user1
password	123456
batch_id	2003251625414441831

Response Success (200 - OK)

```
{
  "success": true,
  "message": "ok",
  "errorCode": "ER-00",
  "MessageID": {
    "batch_id": "2003251625414441831",
    "report": [
      {
        "request_status": "000",
        "dlr_status": "DELIVRD",
        "done_date": "2025-03-20 16:25:46",
```



```
    "messageid": "2503201625438489831",
    "msisdn": "966xxxxxxxxx1",
    "submit_date": "2025-03-20 16:25:43"
  },
  {
    "request_status": "000",
    "dlr_status": "DELIVRD",
    "done_date": "2025-03-20 16:25:50",
    "messageid": "2503201625438419821",
    "msisdn": "966xxxxxxxxx2",
    "submit_date": "2025-03-20 16:25:43"
  }
]
}
}
```



```
Body Headers (6)
[{} JSON] Preview
1  {
2    "success": true,
3    "message": "ok",
4    "errorCode": "ER-00",
5    "MessageID": {
6      "batch_id": "2003251625414441831",
7      "report": [
8        {
9          "request_status": "000",
10         "dlr_status": "DELIVRD",
11         "done_date": "2025-03-20 16:25:46",
12         "messageid": "2503201625438489831",
13         "msisdn": "966xxxxxxxxx1",
14         "submit_date": "2025-03-20 16:25:43"
15       },
16       {
17         "request_status": "000",
18         "dlr_status": "DELIVRD",
19         "done_date": "2025-03-20 16:25:50",
20         "messageid": "2503201625438419821",
21         "msisdn": "966xxxxxxxxx2",
22         "submit_date": "2025-03-20 16:25:43"
23       }
24     ]
25   }
26 }
```

4. Simple Api Getting Account Balance

Url: <https://api.tawasolsms.com/balance.php> **Request**

Method: GET

Through Get Your Current Balance API, you can directly retrieve your current account balance. You can also get the current balance.

Example Request:

url: <https://api.tawasolsms.com/balance.php>

Method: GET

form data

name	value
username	user
password	1234567

Response Success (200 – OK)

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "Username": "user",
    "Balance": "964"
  }
}
```

```
Body Headers (6) Status Code 200 OK
[JSON] Preview
1  {
2    "success": "true",
3    "message": "ok",
4    "errorCode": "ER-00",
5    "data": {
6      "Username": "user",
7      "Balance": "986"
8    }
9  }
```

5. Simple Api Getting Message Details

Url: https://api.tawasolsms.com/dlr.php?message_id=2503101521175975331

Request Method: GET

Example Request:

Url: https://api.tawasolsms.com/dlr.php?message_id=2503101521175975331

Request Method: GET

form data

name	value
username	user1
password	123456
message_id	2503101521175975331

Response Success (200 - OK)

```
{
  "success": true,
  "message_id": "2503101521175975331",
  "status": "DELIVRD",
  "message": "ok",
  "errorCode": "ER-00"
}
```

```
Body Headers (6) Status Code 200 OK
JSON Preview
1
2 "success": true,
3 "message_id": "2503101521175975331",
4 "status": "DELIVRD",
5 "message": "ok",
6 "errorCode": "ER-00"
7
```

6. Simple Api Message Submission & Scheduling

Url:

<https://api.tawasolsms.com/index.php?user=user1&pass=123456&sid=TawasolSMS&mno=966xxxxxxxxx1&text=test&type=1&schtime=202524031400&gmt=+0200>

Request Method: GET

Description:

This API allows users to send and schedule SMS messages via a simple **GET request**.

This API provides an easy way to schedule them for a later time. The **ScheduleId** received in the response when scheduling an SMS will be used in the **Remove Schedule API** to delete the scheduled message before it is sent.

Example Request:

Url:

<https://api.tawasolsms.com/index.php?user=user1&pass=123456&sid=TawasolSMS&mno=966xxxxxxxxx1&text=test&type=1&schtime=202524031400&gmt=+0200>

Method: GET

form data

name	value
username	user1
password	123456
sid	TawasolSMS

mno	966xxxxxxxxx1
text	text sms
type	1
sctime	202520031400
gmt	+0200

Response Success (200 - OK)

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "ScheduleId": [
      "2403251328015777624"
    ],
    "MessageContent": "test sms",
    "Status": "Sent",
    "totalSms": 1,
    "totalRecipients": 1,
    "Balance": "Not requested",
    "Recipient": "966xxxxxxxx1",
    "TimeCreated": "2025-03-24 13:28:01"
  }
}
```

```
Body Headers (6)
{} JSON Preview
1 {
2   "success": "true",
3   "message": "ok",
4   "errorCode": "ER-00",
5   "data": {
6     "ScheduleId": [
7       "2403251328015777624"
8     ],
9     "MessageContent": "test sms",
10    "Status": "Sent",
11    "totalSms": 1,
12    "totalRecipients": 1,
13    "Balance": "Not requested",
14    "Recipient": "966xxxxxxxx1",
15    "TimeCreated": "2025-03-24 13:28:01"
16  }
17 }
```

7. Simple Api Remove Schedule

Url:

https://api.tawasolsms.com/schedule-remove.php?schedule_id=2403251328015777624&user=user&pass=123456

Method: GET

Description

Easily manage your scheduled SMS with the **Simple API Remove Schedule** feature. This API allows you to **delete scheduled messages** with a quick GET request.

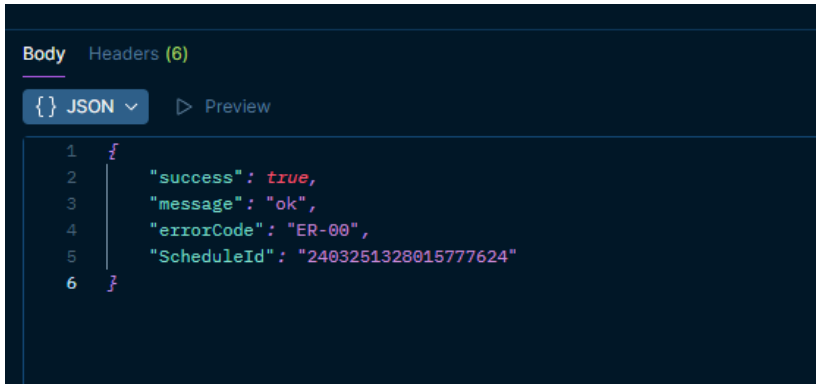
form data

name	value
username	user1
password	123456
schedule_id	2403251328015777624

Response Success (200- OK)

```
{
  "success": true,
  "message": "ok",
  "errorCode": "ER-00",
```

```
"ScheduleId": "2403251328015777624"  
}
```



The screenshot shows a developer tool interface with a dark theme. At the top, there are tabs for 'Body' and 'Headers (6)'. Below the tabs, there is a dropdown menu set to 'JSON' and a 'Preview' button. The main area displays a JSON object with the following content:

```
1 {  
2   "success": true,  
3   "message": "ok",  
4   "errorCode": "ER-00",  
5   "ScheduleId": "2403251328015777624"  
6 }
```

8. Simple Api Retrieving SMS Messages

Url: <https://api.tawasolsms.com/messages.php>

Request Method: GET

Description:

You can track the messages you have sent during a certain period by submitting the Get Messages Details. The API will return an array of multiple records. Each record includes the details of an SMS message that was sent during the provided date range in the API request. You can also specify the number of SMS messages you want to receive per response page, as well as the response page index number you want to receive.

Params

name	value
pageLength	10
pageNumber	1
fromDate	2025-03-27 00:00:00
toDate	2025-05-27 23:00:00
username	user
password	123456

Example Request:

Url: <https://api.tawasolsms.com/messages.php>

Method: GET

Example Response Success (200 - OK)

```
{  
  "success": "true",
```



```
"message": "ok",
"errorCode": "ER-00",
"fromDate": "2025-03-27 00:00:00",
"toDate": "2025-05-27 23:00:00",
"data": [
  {
    "msg_id": "2503281153057805971",
    "mccmnc": "2400",
    "country": "Saudi Arabia",
    "operator": "Zain",
    "time": "2025-03-28 11:53:05",
    "sender": "TawasolSMS",
    "destination": "966xxxxxx1"
  },
  {
    "msg_id": "2503281152376535961",
    "mccmnc": "2400",
    "country": "Saudi Arabia",
    "operator": "Zain",
    "time": "2025-03-28 11:52:37",
    "sender": "Tawasol",
    "destination": "966xxxxxx1"
  },
  {
    "msg_id": "2503271642304125651",
    "mccmnc": "2400",
    "country": "Saudi Arabia",
    "operator": "Zain",
    "time": "2025-03-27 16:42:30",
    "sender": "tawasol-AD",
    "destination": "966xxxxxx1"
  }
]
```

```
},  
{  
  "msg_id": "2503271641018805621",  
  "mccmnc": "2400",  
  "country": "Saudi Arabia",  
  "operator": "Zain",  
  "time": "2025-03-27 16:41:01",  
  "sender": "tawasol-AD",  
  "destination": "966xxxxx18"  
},
```

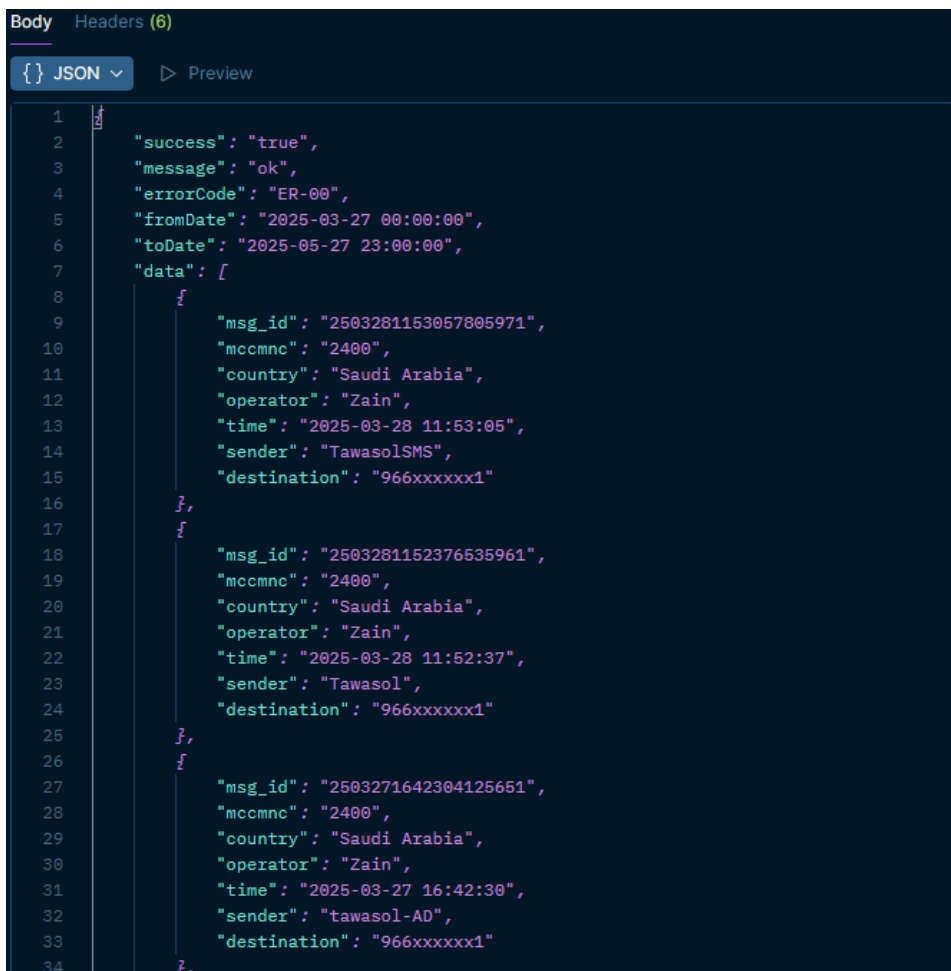
```
{  
  "msg_id": "2503271622375065591",  
  "mccmnc": "41501",  
  "country": "Saudi Arabia",  
  "operator": "Zain",  
  "time": "2025-03-27 16:22:37",  
  "sender": "tawasol-AD",  
  "destination": "966xxxxxxxx4"  
},
```

```
{  
  "msg_id": "2503271620409775581",  
  "mccmnc": "41501",  
  "country": "Saudi Arabia",  
  "operator": "Zain",  
  "time": "2025-03-27 16:20:40",  
  "sender": "-ad",  
  "destination": "966xxxxxxxx4"  
},
```

```
{  
  "msg_id": "2503271620142575571",  
  "mccmnc": "41501",
```

```
"country": "Saudi Arabia",
"operator": "Zain",
"time": "2025-03-27 16:20:14",
"sender": "-ad",
"destination": "966xxxxxxxx4"
},
{
"msg_id": "2503271558469465381",
"mccmnc": "2400",
"country": "Saudi Arabia",
"operator": "Zain",
"time": "2025-03-27 15:58:46",
"sender": "TawasolSMS",
"destination": "966xxxxx3"
},
{
"msg_id": "2503271558469425371",
"mccmnc": "41503",
"country": "Saudi Arabia",
"operator": "Zain",
"time": "2025-03-27 15:58:46",
"sender": "TawasolSMS",
"destination": "966xxxxx2"
},
{
"msg_id": "2503271317065042241",
"mccmnc": "2400",
"country": "Saudi Arabia",
"operator": "Zain",
"time": "2025-03-27 13:17:06",
"sender": "TawasolSMS",
```

```
        "destination": "966xxxxxx1"
    }
},
"pagination": {
    "total": 22,
    "current_page": 1,
    "page_length": 10,
    "total_pages": 3
}
}
```



```
Body Headers (6)
[{} JSON ▾] ▶ Preview
1
2   "success": "true",
3   "message": "ok",
4   "errorCode": "ER-00",
5   "fromDate": "2025-03-27 00:00:00",
6   "toDate": "2025-05-27 23:00:00",
7   "data": [
8     {
9       "msg_id": "2503281153057805971",
10      "mccmnc": "2400",
11      "country": "Saudi Arabia",
12      "operator": "Zain",
13      "time": "2025-03-28 11:53:05",
14      "sender": "TawasolSMS",
15      "destination": "966xxxxxx1"
16    },
17    {
18      "msg_id": "2503281152376535961",
19      "mccmnc": "2400",
20      "country": "Saudi Arabia",
21      "operator": "Zain",
22      "time": "2025-03-28 11:52:37",
23      "sender": "Tawasol",
24      "destination": "966xxxxxx1"
25    },
26    {
27      "msg_id": "2503271642304125651",
28      "mccmnc": "2400",
29      "country": "Saudi Arabia",
30      "operator": "Zain",
31      "time": "2025-03-27 16:42:30",
32      "sender": "tawasol-AD",
33      "destination": "966xxxxxx1"
34    }
35  ]
36 }
```

```
Body Headers (6)
{} JSON Preview
67     "time": "2025-03-27 16:20:14",
68     "sender": "-ad",
69     "destination": "966xxxxxxxx4"
70   },
71   {
72     "msg_id": "2503271558469465381",
73     "mccmnc": "2400",
74     "country": "Saudi Arabia",
75     "operator": "Zain",
76     "time": "2025-03-27 15:58:46",
77     "sender": "TawasolSMS",
78     "destination": "966xxxxx3"
79   },
80   {
81     "msg_id": "2503271558469425371",
82     "mccmnc": "41503",
83     "country": "Saudi Arabia",
84     "operator": "Zain",
85     "time": "2025-03-27 15:58:46",
86     "sender": "TawasolSMS",
87     "destination": "966xxxxx2"
88   },
89   {
90     "msg_id": "2503271317065042241",
91     "mccmnc": "2400",
92     "country": "Saudi Arabia",
93     "operator": "Zain",
94     "time": "2025-03-27 13:17:06",
95     "sender": "TawasolSMS",
96     "destination": "966xxxxx1"
97   }
98 ],
99 "pagination": {
100   "total": 22,
101   "current_page": 1,
102   "page_length": 10,
103   "total_pages": 3
104 }
105 }
```

II. Api Advanced Documentation

1. Check Your IP Address Status (Allowed, Not Allowed)

URL: <https://api.tawasolsms.com/white-ip.php?ip=1.2.3.4>

Request Method: POST

Description:

This API allows users to check if their IP address is allowed to access the service. If the IP address is not allowed, an OTP (One-Time Password) will be sent to the registered mobile number. Users can then verify the OTP using the Verify OTP API to activate their IP address.

Authorization:

name	value
username	user1
password	123456

Request Body:

The API requires the following parameters in the form-data body: If an IP address is available, use it; otherwise, capture the user's IP address.

name	value
ip	1.2.3.4

Example Request:

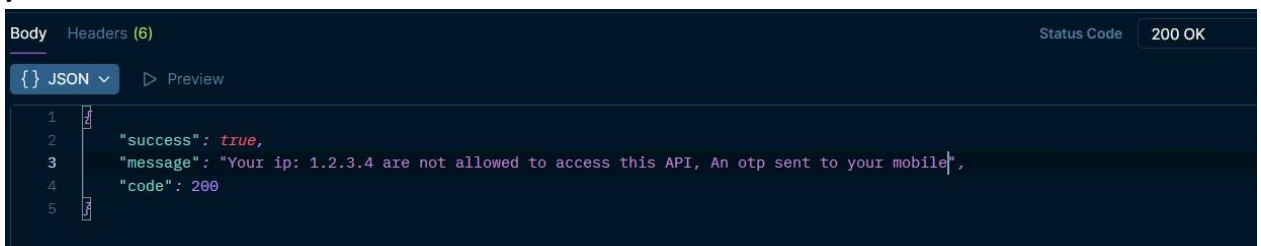
Here's an example of a POST request using the given URL:

- **URL:** <https://api.tawasolsms.com/white-ip.php?ip=1.2.3.4>
- **Method:** POST

Here's an example of what the response could look like for the POST request: Example Success

Response: (Allowed IP)

```
{  
  "status": "success",  
  "message": "Your ip: 1.2.3.4 are not allowed to access this API, an otp sent to your mobile",  
  "code": 200  
}
```

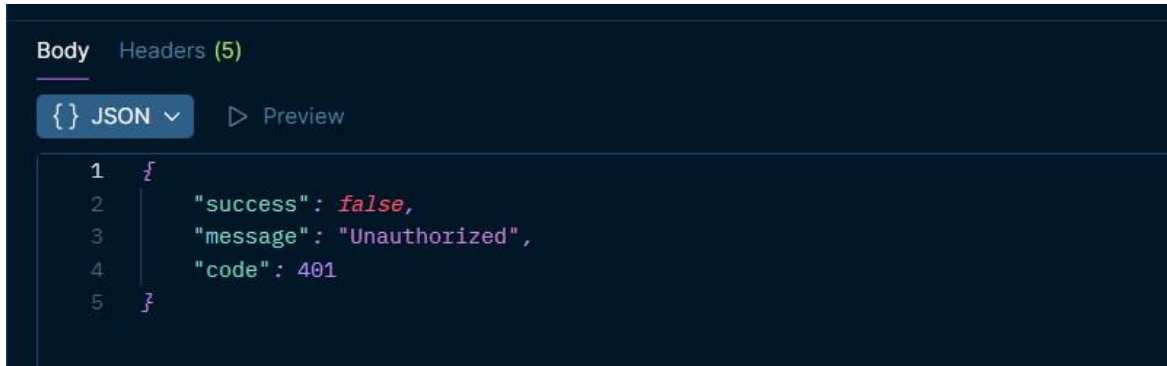


The screenshot shows a REST client interface with a dark theme. At the top, it displays 'Body' and 'Headers (6)'. On the right, the 'Status Code' is '200 OK'. Below this, there is a dropdown menu set to 'JSON' and a 'Preview' button. The main area shows the JSON response body with line numbers 1 through 5 on the left. The JSON content is:

```
1 {  
2   "success": true,  
3   "message": "Your ip: 1.2.3.4 are not allowed to access this API, An otp sent to your mobile",  
4   "code": 200  
5 }
```

Example Error Response: Failure (Not Allowed IP):

```
{  
  "success": false,  
  "message": "Unauthorized",  
  "code": 401  
}
```



2. Verify OTP for Current IP Address

URL: <https://api.tawasolsms.com/verify-otp.php>

Request Method: POST

Description:

This API allows users to verify the received OTP and activate their IP address. This ensures that only authorized users can validate their IP addresses using a one-time password.

Authorization:

name	value
username	user1
password	123456

Request Body:

The following parameters are required in the form-data body:

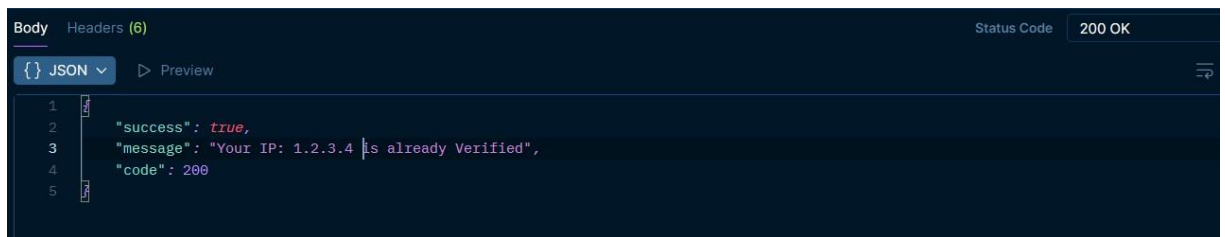
name	value
ip	1.2.3.4

Example Request:

- URL: <https://api.tawasolsms.com/verify-otp.php>
- Method: POST Example Success Response: (201 - OK)

Example Success Response:

```
{  
  "success": true,  
  "message": "Your IP: 1.2.3.4 is already verified",  
  "code": 200  
}
```

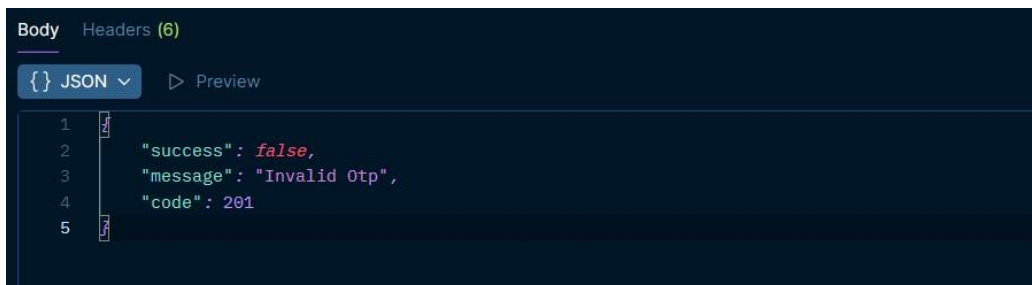


A screenshot of a REST client interface. The 'Body' tab is selected, showing a JSON response. The status code is '200 OK'. The JSON content is:

```
{  
  "success": true,  
  "message": "Your IP: 1.2.3.4 is already Verified",  
  "code": 200  
}
```

Example Failure Response: (Invalid OTP)

```
{  
  "success": false,  
  "message": "Invalid Otp",  
  "code": 201  
}
```



A screenshot of a REST client interface. The 'Body' tab is selected, showing a JSON response. The status code is '201'. The JSON content is:

```
{  
  "success": false,  
  "message": "Invalid Otp",  
  "code": 201  
}
```


3. Method (1): Use Access Key, or Username & Password to Request Token

URL: <https://api.tawasolsms.com/auth.php>

Request Method: POST

Description:

This method allows users to request an access token using Access Key, or Username and Password. Upon success, the response will include a JWT access token which must be provided in the Authorization header for future API requests.

Request Body:

You can use one of the following methods to request a token:

- Access Key
- Username & Password

BODY form data:

Using username and password

name	value
username	user1
password	123456

Or using access key

name	value
access_key	cvSc4T8NW1T9yqZLXHVrMYe2qxxxx

Example Request:

URL: <https://api.tawasolsms.com/auth.php>

Method: POST

Example Success Response: (200 - OK)

```
{
```

```
"success": true, "code": 200,
```


4. Method (1) Send Message

URL: <https://api.tawasolsms.com/index.php>

Request Method: POST

Description:

Use messages endpoint to send Single or Bulk SMS, Authorized using token. When you send SMS messages using this API, the API will return to you the sent messages' ID to track them later.

BODY formdata:

name	value
access_key	cvSc4T8NW1T9yqZLXHvRMYe2qxxxx
Body	Your url: https://tawasolsms.com/index.php
senderName	tawasol
mno	966xxxxxxxxx1,966xxxxxxxxxx2

Example Request:

Url: <https://api.tawasolsms.com/index.php>

Method: POST

Example Success Response: (Success - 200 OK):

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "MessageID": [
      "2503201440003957381"
    ],
    "MessageContent": "Your URL is https://tawasolsms.com",
  }
}
```

```
    "Status": "Sent",
    "totalSms": 1,
    "totalRecipients": 1,
    "Balance": "Not requested",
    "Recipient": "966xxxxxxxx1,966xxxxxxxx2",
    "TimeCreated": "2025-03-20 14:40:00"
  }
}
```



The screenshot shows a REST client interface with a dark theme. The top bar indicates a status code of 200 OK. The main area displays a JSON response in a code editor. The response is a root object with the following fields: "success" (true), "message" (ok), "errorCode" (ER-00), and "data". The "data" field is an object containing "MessageID" (an array with one element: "2503201440003957381"), "MessageContent" (a string with a URL), "Status" (Sent), "totalSms" (1), "totalRecipients" (1), "Balance" (Not requested), "Recipient" (a list of two phone numbers), and "TimeCreated" (a timestamp).

```
1  {
2    "success": "true",
3    "message": "ok",
4    "errorCode": "ER-00",
5    "data": {
6      "MessageID": [
7        "2503201440003957381"
8      ],
9      "MessageContent": "Your URL is https://tawasolsms.com",
10     "Status": "Sent",
11     "totalSms": 1,
12     "totalRecipients": 1,
13     "Balance": "Not requested",
14     "Recipient": "966xxxxxxxx1,966xxxxxxxx2",
15     "TimeCreated": "2025-03-20 14:40:00"
16   }
17 }
```

5. Method (2): Send Using SOAP (POST)

Url: <https://api.tawasolsms.com/index.php>

Method: Post

Description:

Simple Single or Bulk SMS using SOAP included username and password. When you send SMS messages using this API, the API will return to you the sent messages' ID to track them later.

Params:

name	value
------	-------

username	user1
password	123456
smsText	smsText
originator	tawasol
recipientPhone	966xxxxxxxxx1,966xxxxxxxxxxx2

Example Response (Success - 200 OK):

```

<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:pmm="http://pmmsoapmessenger.com/">
<soapenv:Header/>
<soapenv:Body>
  <pmm:SendSms>
    <pmm:user>
      <pmm:CustomerID>10008</pmm:CustomerID>
      <pmm:Name>userxxx</pmm:Name>
      <pmm:Language>en</pmm:Language>
      <pmm>Password>passxx</pmm>Password>    </pmm:user>
      <pmm:originator>Tawasol</pmm:originator>
      <pmm:smsText>Call me later pls</pmm:smsText>
      <pmm:recipientPhone>966xxxx</pmm:recipientPhone>
      <pmm:messageType>Latin</pmm:messageType>
      <pmm:defDate>20150530120000</pmm:defDate>
      <pmm:blink>0</pmm:blink>
    </pmm:SendSms>
  </pmm:Body>
</soapenv:Envelope>

```

```
</pmm:SendSms>
</soapenv:Body>
</soapenv:Envelope>
```



```
Body Headers (5)
XML Preview
1 <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
2   xmlns:pmm="http://pmmsoapmessenger.com/"
3 <soapenv:Header/>
4 <soapenv:Body>
5   <pmm:SendSms>
6     <pmm:user>
7       <pmm:CustomerID>10000</pmm:CustomerID>
8       <pmm:Name>userxxxx</pmm:Name>
9       <pmm:Language>en</pmm:Language>
10      <pmm>Password>passxx</pmm>Password>
11    </pmm:user>
12    <pmm:originator>Tawasol</pmm:originator>
13    <pmm:smsText>Call me later pls</pmm:smsText>
14    <pmm:recipientPhone>966xxxx</pmm:recipientPhone>
15    <pmm:messageType>Latin</pmm:messageType>
16    <pmm:defDate>20150530120000</pmm:defDate>
17    <pmm:blink>0</pmm:blink>
18    <pmm:flash>0</pmm:flash>
19    <pmm:Private>0</pmm:Private>
20  </pmm:SendSms>
21 </soapenv:Body>
22 </soapenv:Envelope>
23
```

6. Method (3): Send Using URL Parameters (GET)

Url:

<https://api.tawasolsms.com/index.php?user=user&pass=pass@123&sid=Tawasol&mno=966xxxxxxxx1&text=testsms&type=1>

Method: Get

Description

Simple Single or Bulk SMS using URL parameters included username and password. When you send SMS messages using this API, the API will return to you the sent messages' ID to track them later.

PARAMS

name	value
------	-------

username	user1
password	pass@123
text	Your url: https://tawasolsms.com/index.php
senderName	tawasol
mno	966xxxxxxxxx1,966xxxxxxxxxx2
type	1

Example Request:

Url:

<https://api.tawasolsms.com/index.php?user=user1&pass=pass@123&sid=Tawasol&mno=966xxxxxxxxx1&text=test sms&type=1>

Method: GET

Example Success Response: Success (200 - OK)

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "MessageID": [
      "2503111022548388741"
    ],
    "MessageContent": "test sms",
    "Status": "Sent",
  },
  "totalSms": 1,
  "totalRecipients": 1,
```

```

    "Balance": "Not requested",
    "Recipient": "966xxxxxxxx1",
    "TimeCreated": "2025-03-11 10:22:54"
  }
}

```

The screenshot shows a REST client interface with the following details:

- Body:** Headers (6)
- Status Code:** 200 OK
- JSON:**

```

1  {
2    "success": "true",
3    "message": "ok",
4    "errorCode": "ER-00",
5    "data": {
6      "MessageID": [
7        "2503201507578527991"
8      ],
9      "MessageContent": "test sms",
10     "Status": "Sent",
11     "totalSms": 1,
12     "totalRecipients": 1,
13     "Balance": "Not requested",
14     "Recipient": "966xxxxxxxx1",
15     "TimeCreated": "2025-03-20 15:07:57"
16   }
17 }

```

7. Method (3) Send Message (form or body)

Url:

<https://api.tawasolsms.com/index.php>

Request Method: POST

Description:

Use messages endpoint to send Single or Bulk SMS. When you send SMS messages using this API, the API will return to you the sent messages' ID to track them later.

Authorization

name	value
token	xxx

BODY form Data

name	value
messageType	1
messageText	smsText
senderName	tawasol
recipients	966xxxxxxxxx1,966xxxxxxxxx2

Example Request: url:
<https://api.tawasolsms.com/index.php>

Method: POST

Example Response Success (200 - OK)

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "MessageID": [
      "2503201446406777571"
    ],
    "MessageContent": "Your URL is: https://tawasolsms.com",
    "Status": "Sent",
    "totalSms": 1,
    "totalRecipients": 1,
    "Balance": "Not requested",
    "Recipient": "966xxxxxxxxx1",
    "TimeCreated": "2025-03-20 14:46:40"
  }
}
```

}



```
1 {
2   "success": "true",
3   "message": "ok",
4   "errorCode": "ER-00",
5   "data": {
6     "MessageID": [
7       "250320144640677571"
8     ],
9     "MessageContent": "Your URL is: https://tawasolsms.com",
10    "Status": "Sent",
11    "totalSms": 1,
12    "totalRecipients": 1,
13    "Balance": "Not requested",
14    "Recipient": "966xxxxxxx1",
15    "TimeCreated": "2025-03-20 14:46:40"
16  }
17 }
```

8. Method (3) Bulk Send using file

Url:

<https://api.tawasolsms.com/index.php>

Request Method: POST

Description:

Use Bulk endpoint to send Bulk SMS. This can be achieved by sending an CSV file having the recipients phone numbers. When you send Bulk SMS request using this API, the API will return to you the Bulk ID to track them later.

Authorization

name	value
token	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

BODY form Data

Name	value
messageType	1
messageText	smsText

senderName	tawasol
recipients	966xxxxxxxx1,966xxxxxxxx2
shortUrl	true

Example Request:

Url: <https://api.tawasolsms.com/index.php>

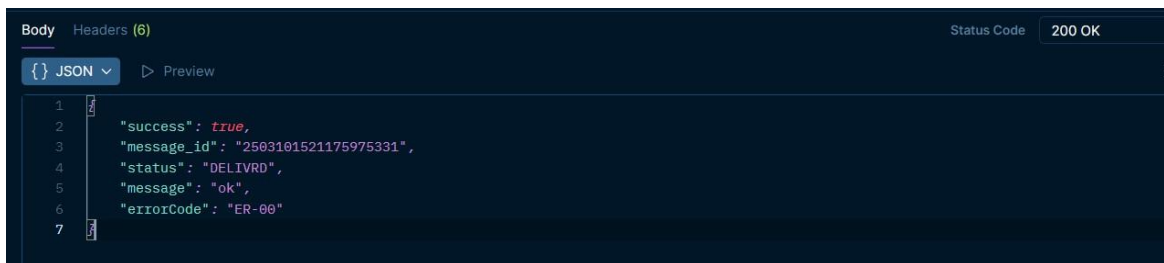
Method: POST

Example Response Success (200 - OK)

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "MessageID": [
      "2503201449277567601"
    ],
    "MessageContent": "Your file url is https://tawasolsms.com/file.pdf",
    "Status": "Sent",
    "totalSms": 1,
    "totalRecipients": 1,
    "Balance": "Not requested",
    "Recipient": "966xxxxxxxx1",
    "TimeCreated": "2025-03-20 14:49:27"
  }
}
```



```
"success": true,  
"message_id": "2503101521175975331",  
"status": "DELIVRD",  
"message": "ok",  
"errorCode": "ER-00"  
}
```



10. Method (3) Getting Messages Count

Url: <https://api.tawasolsms.com/count.php>

Request Method: GET

Description:

You can know the count of SMS messages you have sent during a certain period. The API will return an integer that represents the count of SMS messages sent during the provided date range in the API request. To use Get Sent Messages Count API, first submit an HTTP Request with the date range, then receive a Response that includes the count of SMS messages sent during the provided date range.

Authorization

name	value
token	xxx

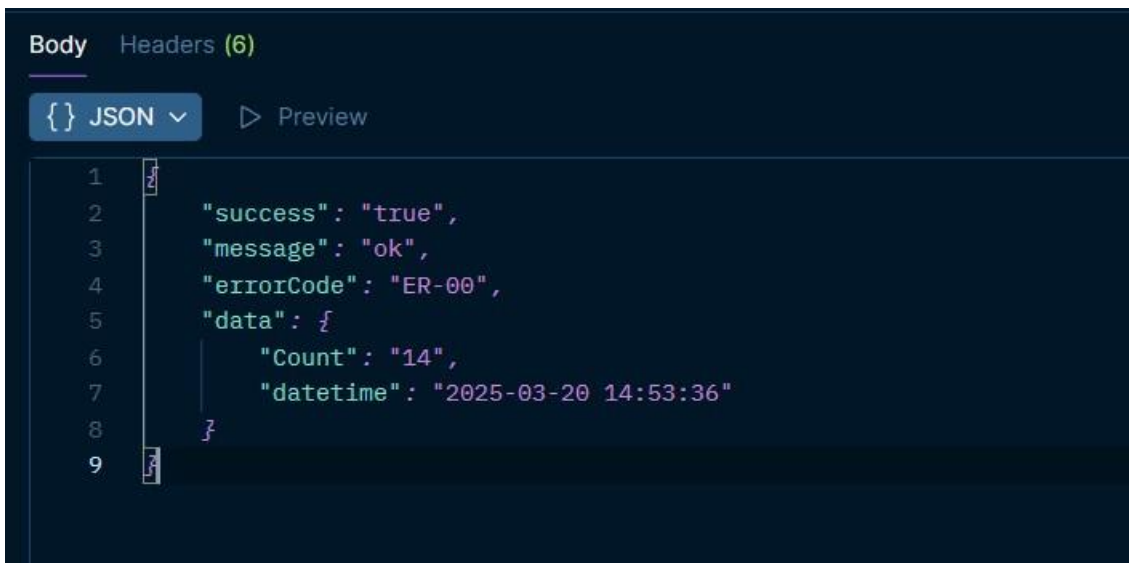
Example Request:

Url: <https://api.tawasolsms.com/count.php>

Method: GET

Example Response Success (200 - OK)

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "Count": "14",
    "datetime": "2025-03-20 14:53:36"
  }
}
```



The screenshot shows a web browser's developer tools interface. The 'Body' tab is selected, and the response is displayed as JSON. The JSON structure is as follows:

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "Count": "14",
    "datetime": "2025-03-20 14:53:36"
  }
}
```

11. Method (3) Retrieving SMS Messages

Url: <https://api.tawasolsms.com/messages.php>

Request Method: GET

Description:

You can track the messages you have sent during a certain period by submitting the Get Messages Details. The API will return an array of multiple records. Each record

includes the details of an SMS message that was sent during the provided date range in the API request. You can also specify the number of SMS messages you want to receive per response page, as well as the response page index number you want to receive.

Authorization

name	value
token	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Params

name	value
pageLength	10
pageNumber	1
fromDate	2025-03-11 00:00:00
toDate	2025-03-20 00:00:00

Example Request:

Url: <https://api.tawasolsms.com/messages.php>

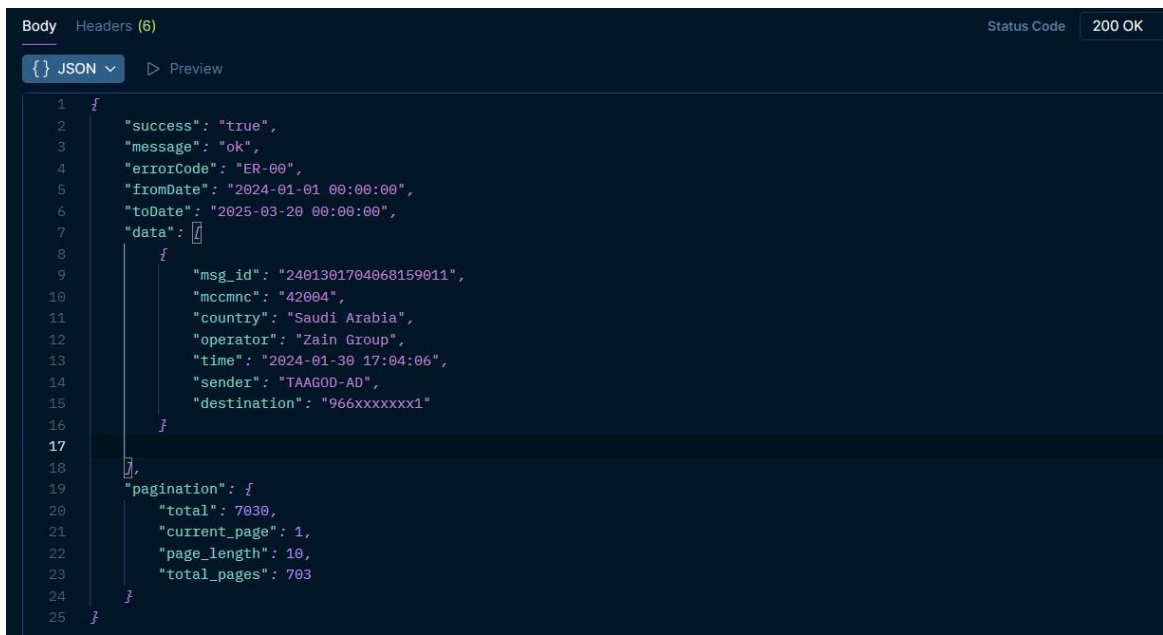
Method: GET

Example Response Success (200 - OK)

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "fromDate": "2024-01-01 00:00:00",
  "toDate": "2025-03-20 00:00:00",
  "data": [
    {
      "msg_id": "2401301704068159011",
      "mccmnc": "42004",
      "country": "Saudi Arabia",
      "operator": "Zain Group",
      "time": "2024-01-30 17:04:06",
      "sender": "TAAGOD-AD",
      "destination": "966xxxxxx1"
    },
    {
      "msg_id": "2401301704068129001",
      "mccmnc": "42004",
      "country": "Saudi Arabia",
      "operator": "Zain Group",
      "time": "2024-01-30 17:04:06",
      "sender": "TAAGOD-AD",
      "destination": "966xxxxxx2"
    },
    {
```



```
    "msg_id": "2401301704068108991",      "mccmnc": "42004",
    "country": "Saudi Arabia",
    "operator": "Zain Group",
    "time": "2024-01-30 17:04:06",
    "sender": "TAAGOD-AD",
    "destination": "966xxxxxx3"
  }
],
"pagination": {
  "total": 7030,
  "current_page": 1,
  "page_length": 10,
  "total_pages": 703
}
}
```



```
Body Headers (6) Status Code 200 OK
JSON Preview
1  {
2    "success": "true",
3    "message": "ok",
4    "errorCode": "ER-00",
5    "fromDate": "2024-01-01 00:00:00",
6    "toDate": "2025-03-20 00:00:00",
7    "data": [
8      {
9        "msg_id": "2401301704068159011",
10       "mccmnc": "42004",
11       "country": "Saudi Arabia",
12       "operator": "Zain Group",
13       "time": "2024-01-30 17:04:06",
14       "sender": "TAAGOD-AD",
15       "destination": "966xxxxxx1"
16     }
17   ],
18   "pagination": {
19     "total": 7030,
20     "current_page": 1,
21     "page_length": 10,
22     "total_pages": 703
23   }
24 }
25 }
```

12. Method (3) Getting Account Balance

Url: <https://api.tawasolsms.com/balance.php>

Request Method: GET

Description:

Through Get Your Current Balance API, you can directly retrieve your current account balance. You can also get the current balance.

Example Request:

Url: <https://api.tawasolsms.com/balance.php>

Method: GET

Authorization

name	value
token	XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Example Response Success (200 - OK)

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "Username": "user",
    "Balance": "986"
  }
}
```

```
Body Headers (6)
[{} JSON] [Preview]
1
2 "success": "true",
3 "message": "ok",
4 "errorCode": "ER-00",
5 "data": {
6   "Username": "user",
7   "Balance": "986"
8 }
9
```

13. Method (3) Personalized Send

Url: <https://api.tawasolsms.com/index.php>

Request Method: POST

Description:

Personalized SMS is a type of Short Messages that generated from rendering a template. A template is a text that contains a special text that contains variables, those variables got substituted at the runtime.

Example Request:

Url: <https://api.tawasolsms.com/index.php>

Method: POST

Authorization

name	value
token	xxx

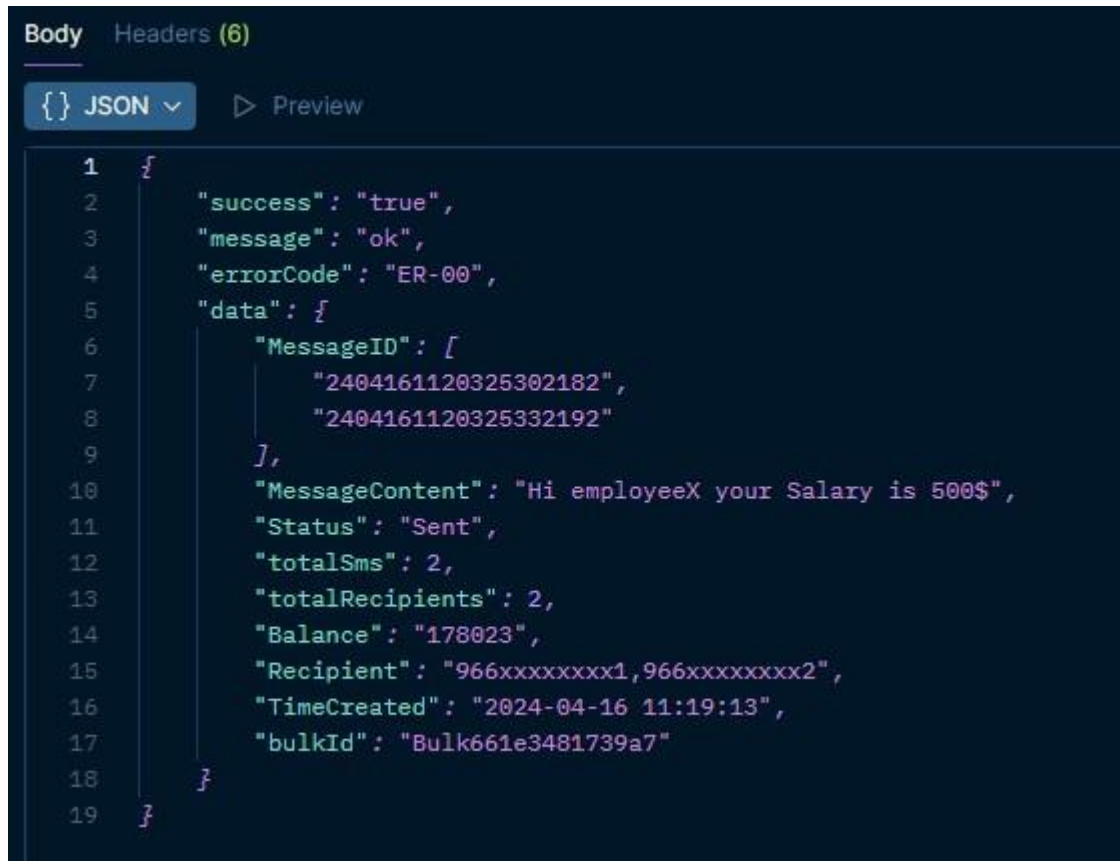
BODY form data

name	value
senderName	Tawasol
replacementList	group_1
messageText	Hi {{Name}}, your Salary is {{Salary}}
recipients	966xxxxxxxx1,966xxxxxxxx2

Example Response Success (200 - OK)

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "MessageID": [
      "2404161120325302182",
      "2404161120325332192"
    ],
    "MessageContent": "Hi employeeX your Salary is 500$",
    "Status": "Sent",
    "totalSms": 2,
    "totalRecipients": 2,
    "Balance": "178023",
    "Recipient": "966xxxxxxxx1,966xxxxxxxx2",
    "TimeCreated": "2024-04-16 11:19:13",
  }
}
```

```
"bulkId": "Bulk661e3481739a7"  
}  
}
```



The screenshot shows a REST client interface with a dark theme. At the top, there are tabs for 'Body' and 'Headers (6)'. Below the tabs, there is a dropdown menu set to 'JSON' and a 'Preview' button. The main area displays a JSON response body with line numbers from 1 to 19. The JSON is as follows:

```
1 {  
2   "success": "true",  
3   "message": "ok",  
4   "errorCode": "ER-00",  
5   "data": {  
6     "MessageID": [  
7       "2404161120325302182",  
8       "2404161120325332192"  
9     ],  
10    "MessageContent": "Hi employeeX your Salary is 500$",  
11    "Status": "Sent",  
12    "totalSms": 2,  
13    "totalRecipients": 2,  
14    "Balance": "178023",  
15    "Recipient": "966xxxxxxxxx1,966xxxxxxxxx2",  
16    "TimeCreated": "2024-04-16 11:19:13",  
17    "bulkId": "Bulk661e3481739a7"  
18  }  
19 }
```

14. Method (3) Personalized Bulk Send using file

Url: <https://api.tawasolsms.com/index.php>

Request Method: POST

Description:

Use Personalized Bulk endpoint to send Bulk SMS with different message text. The Endpoint accepts CSV file contains recipient numbers with corresponding message text.

Example Request:

Url: <https://api.tawasolsms.com/index.php>

Method: POST

Authorization

name	value
token	xxx xxxxxxxx

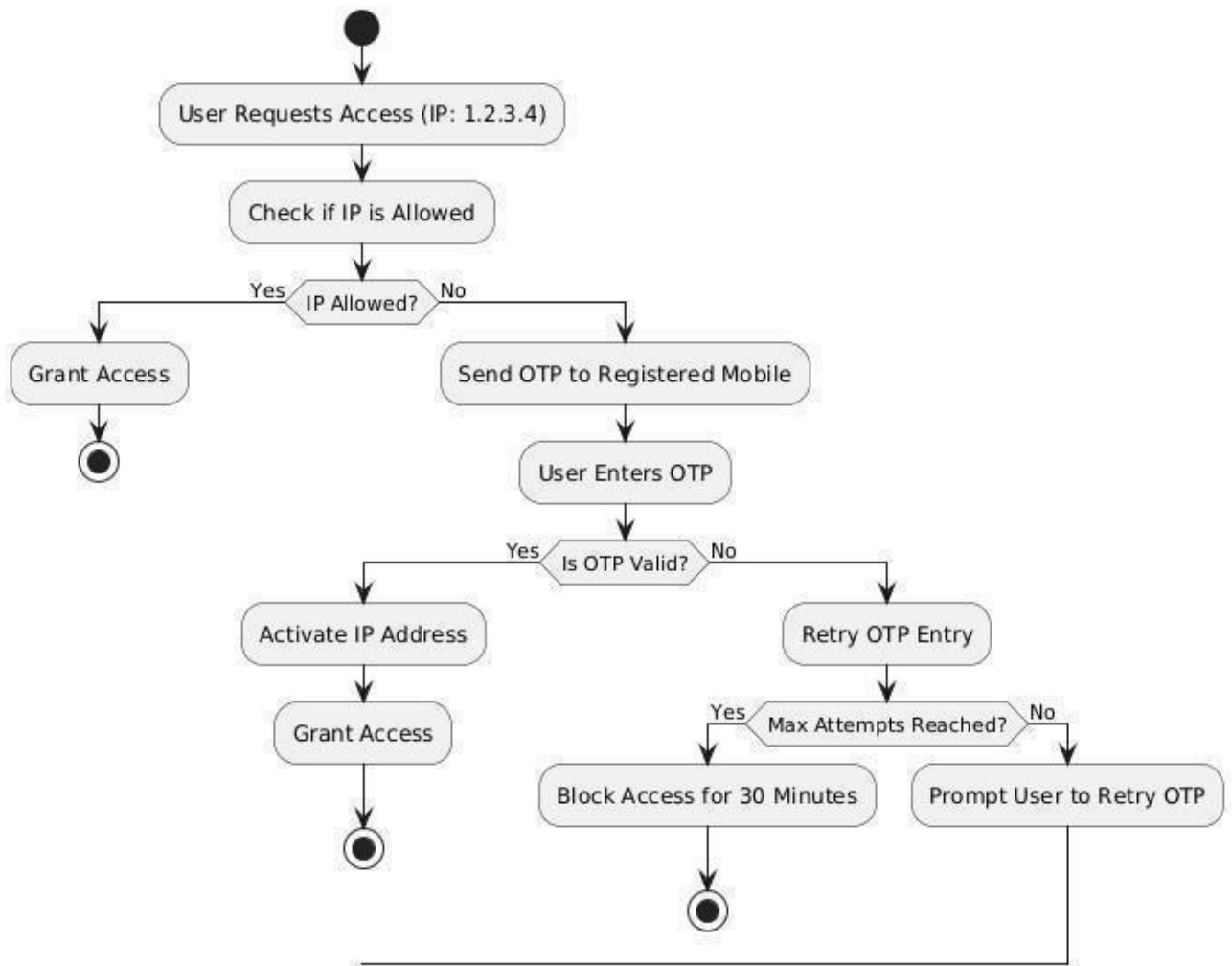
BODY formdata

name	value
sendername	Tawasol
recipients	966xxxxxxxx1,966xxxxxxxx2

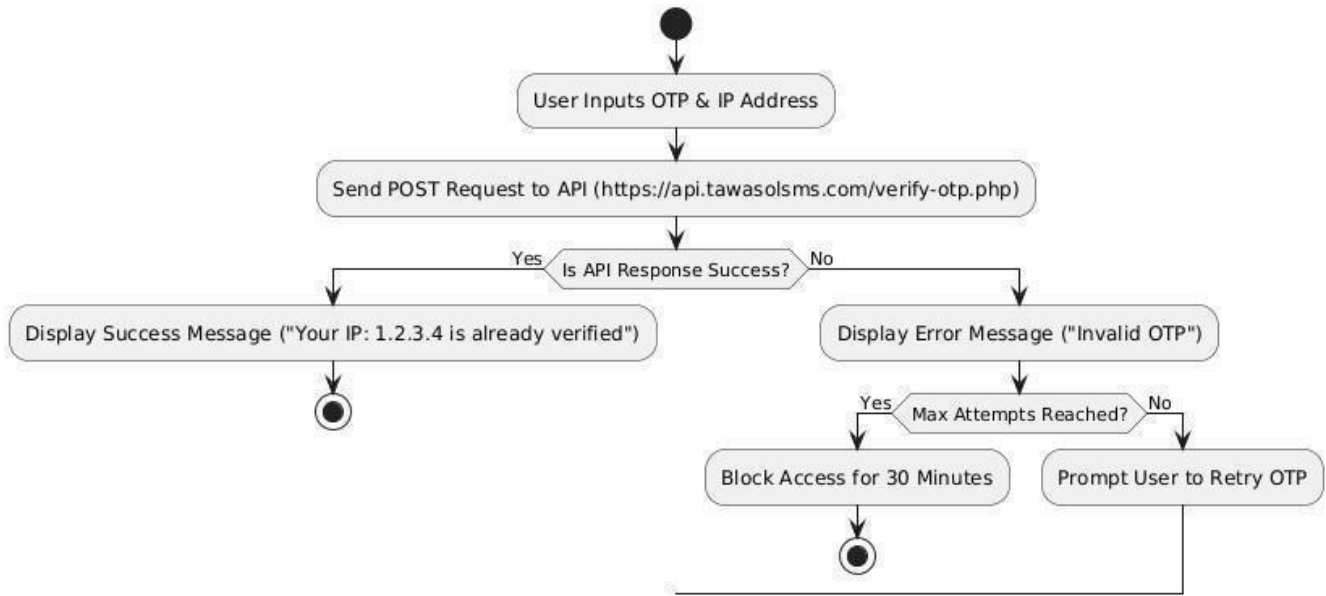
Example Response Success (200 - OK)

```
{
  "success": "true",
  "message": "ok",
  "errorCode": "ER-00",
  "data": {
    "Balance": "178017",
    "faileds": [],
    "sendErrors": [],
    "bulkId": "Bulk661e34fe556ac",
    "totalRecipients": 3,
    "totalSms": 3,
    "messages": [
      {
        "MessageID": [
          "2404161122388024072"
        ],
        "MessageContent": "Hello world test message",
        "Status": "Sent",
        "totalSms": 1,
        "Recipient": "966xxxxxxxx1",
        "TimeCreated": "2024-04-16 11:21:19"
      }
    ]
  }
}
```

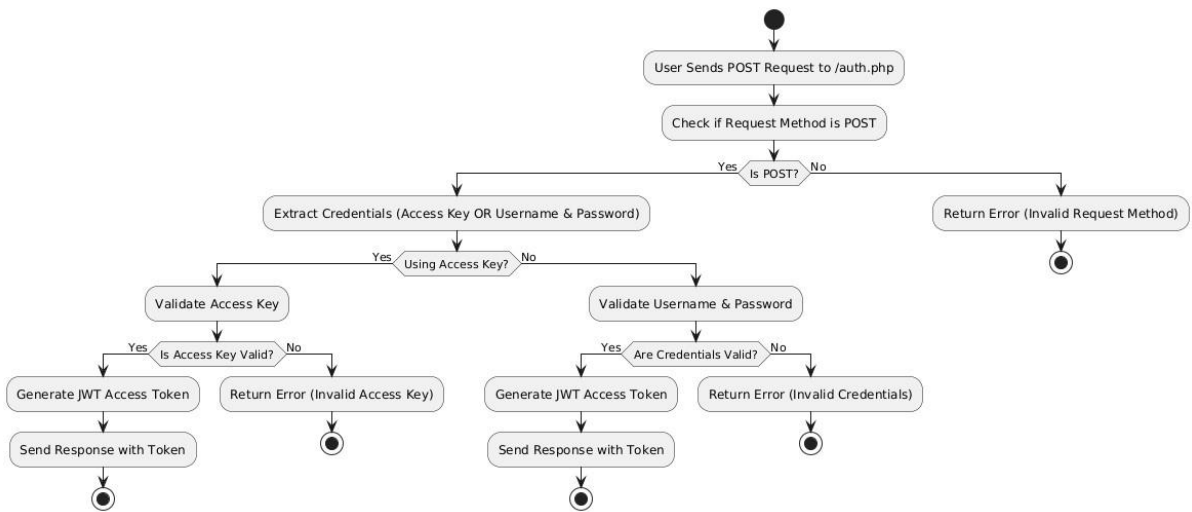

Tawasol SMS API



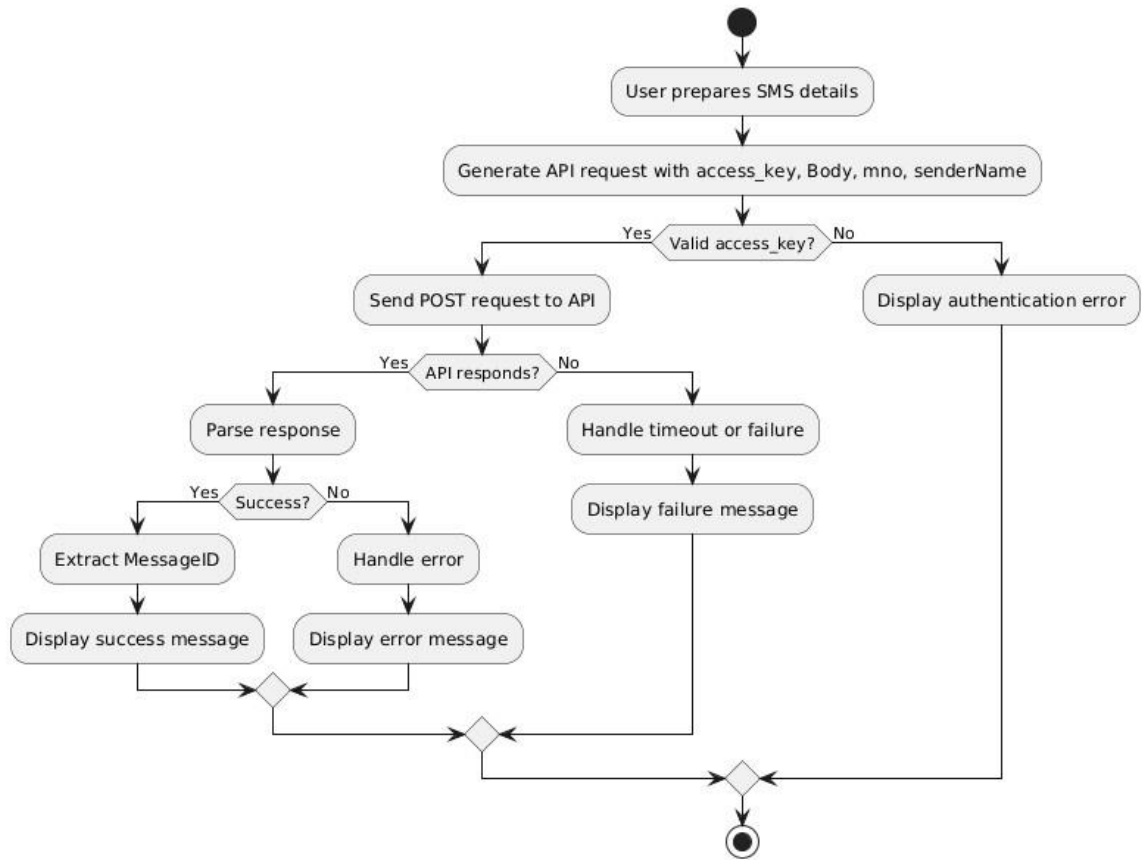
2. Verifying OTP for Current IP Address in Tawasol SMS API



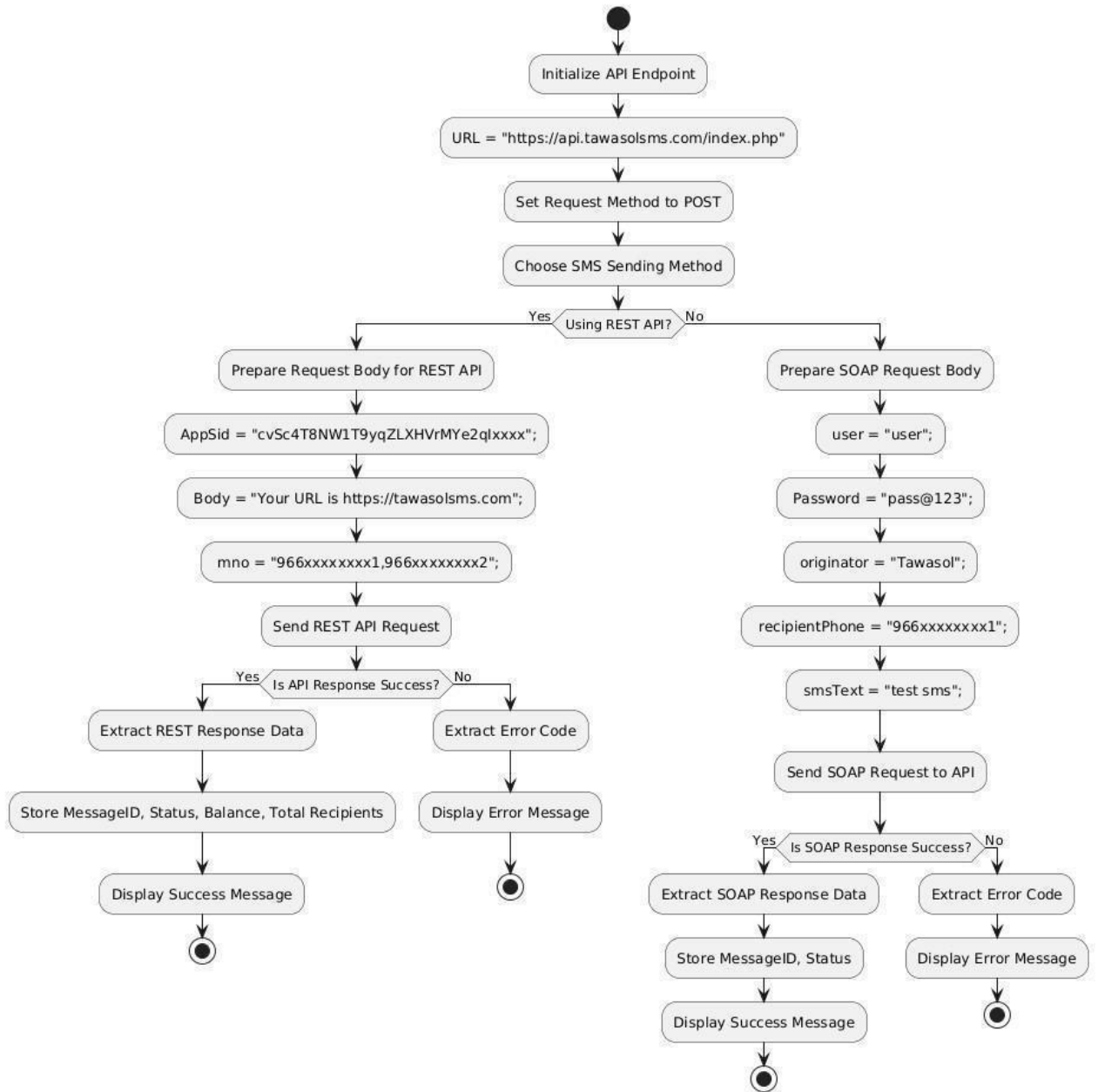
3. Generating API Token Using Access Key, or Credentials



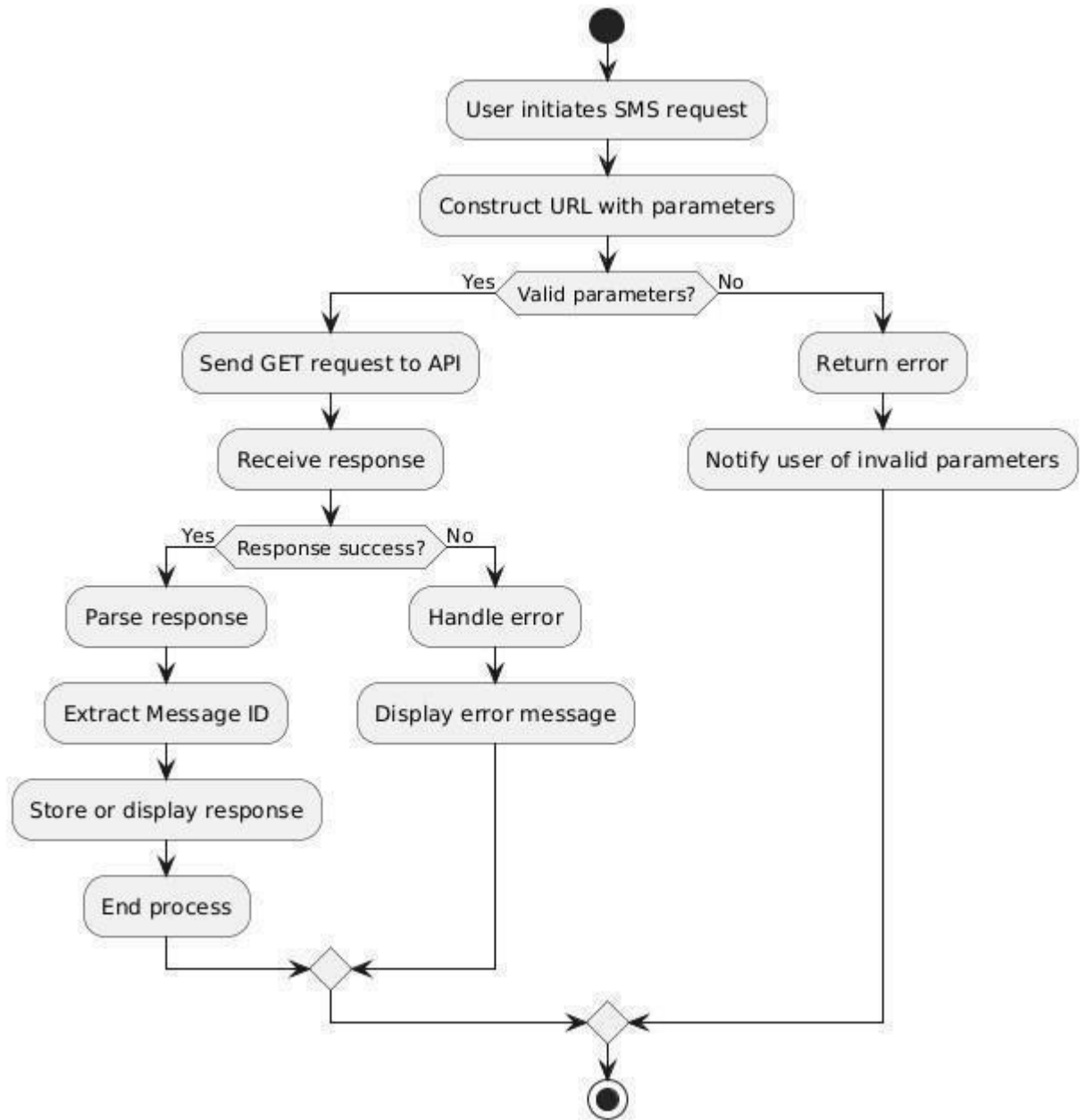
4. Sending a Message Using Method (1)



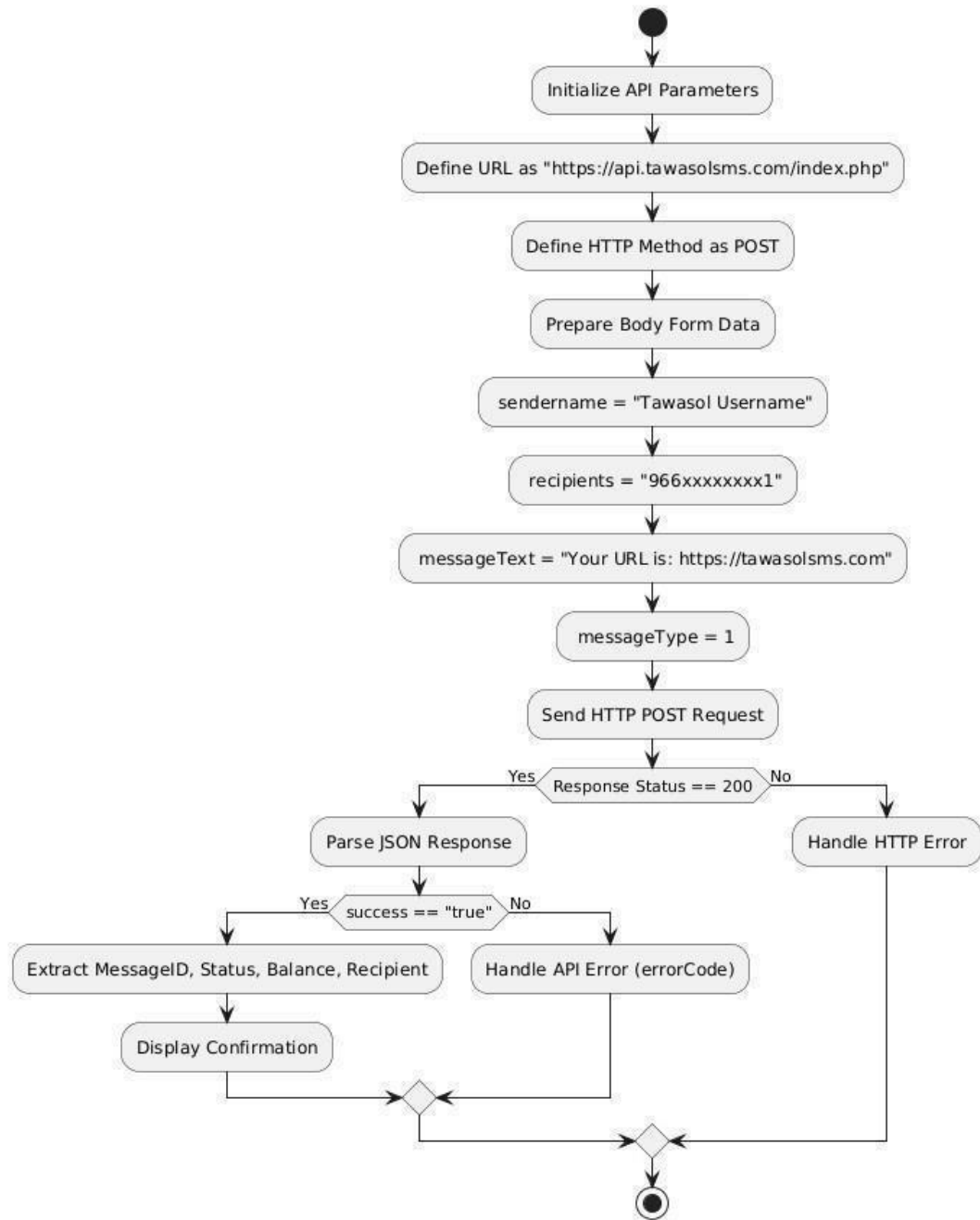
5. Sending a Message Using SOAP (POST) – Method (2)



6. Sending a Message Using URL Parameters (GET) – Method (3)

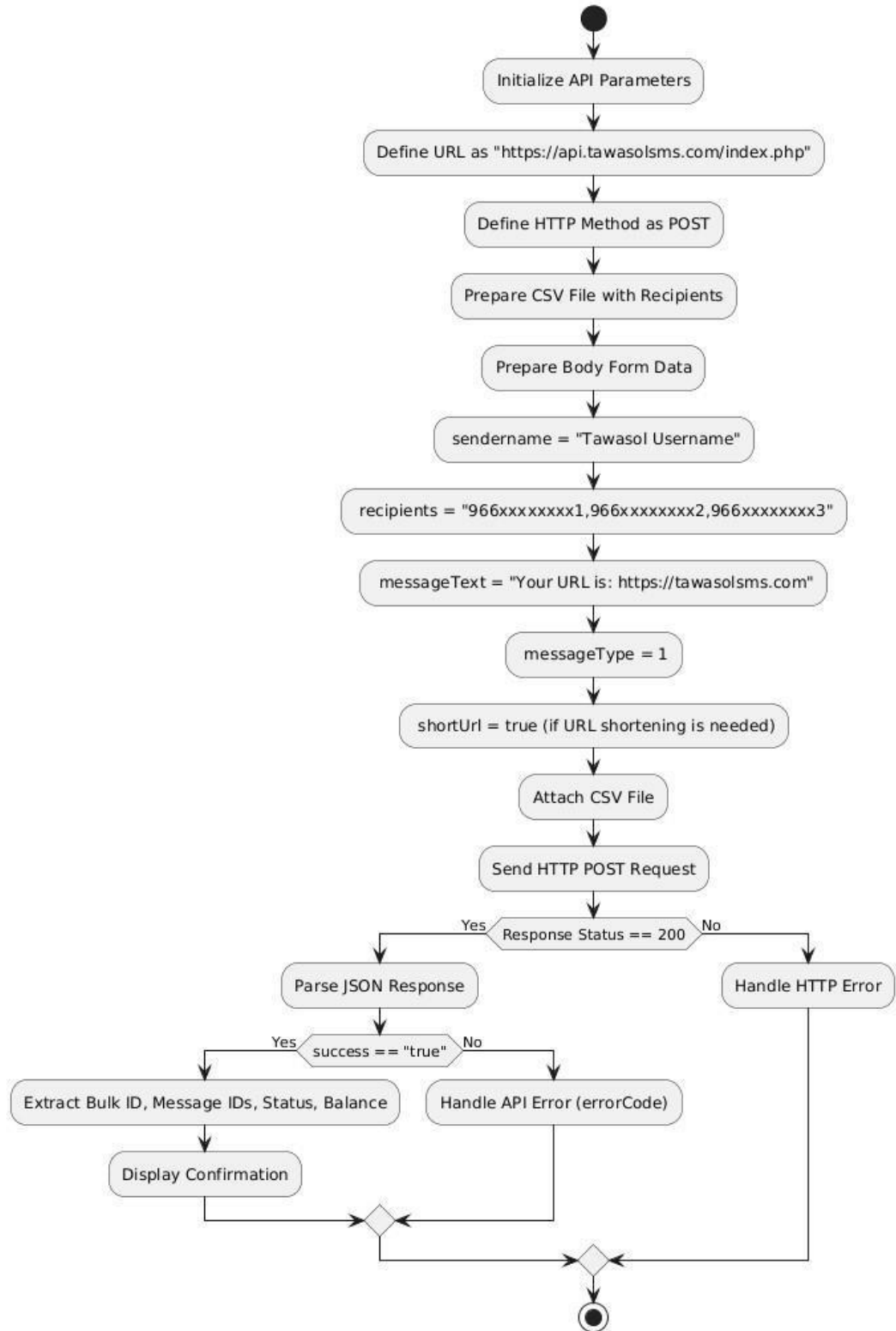


7. Sending a Message Using Form Data or Body – Method (3)

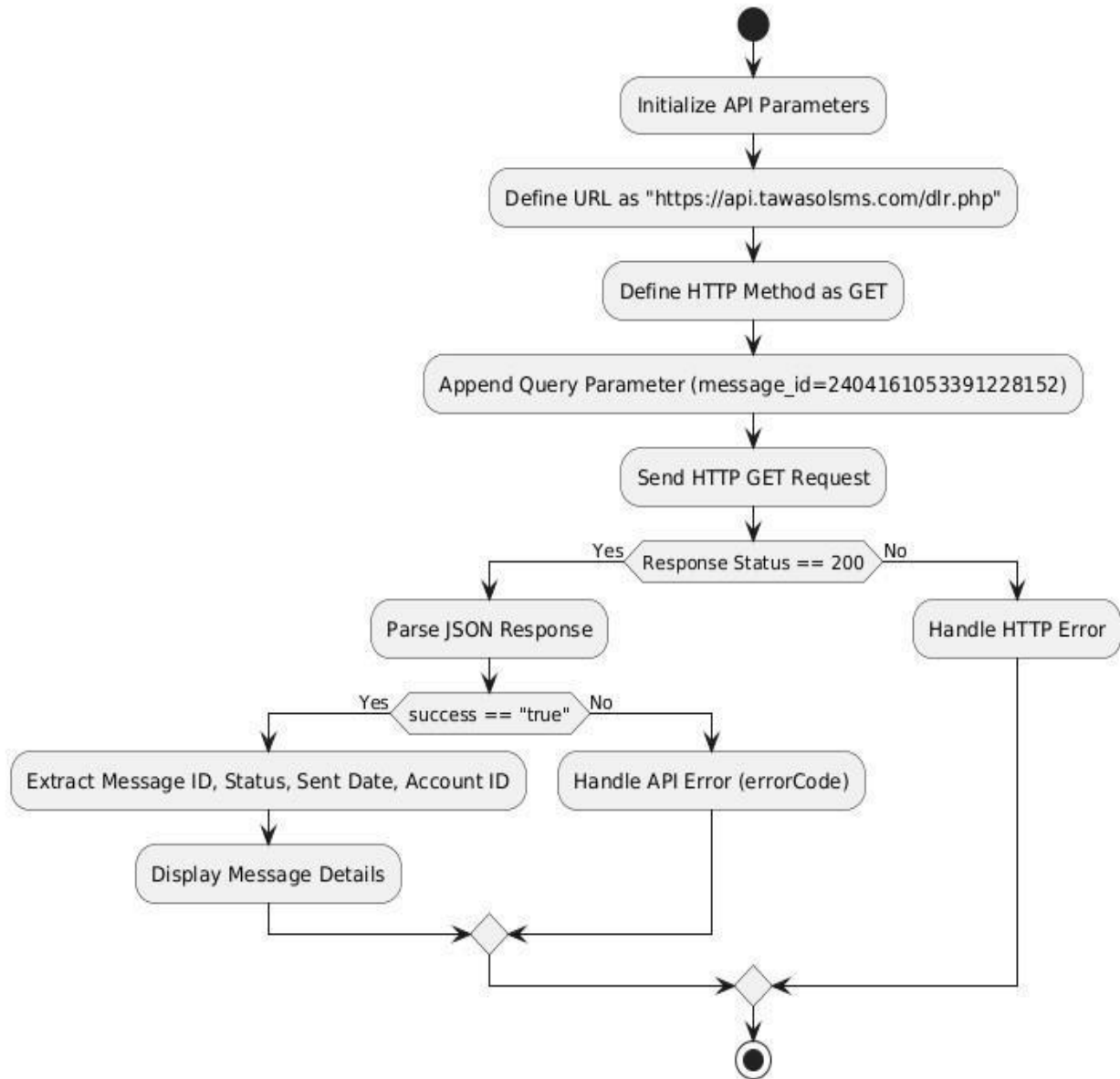


8. Bulk SMS Sending Using File – Method (3)

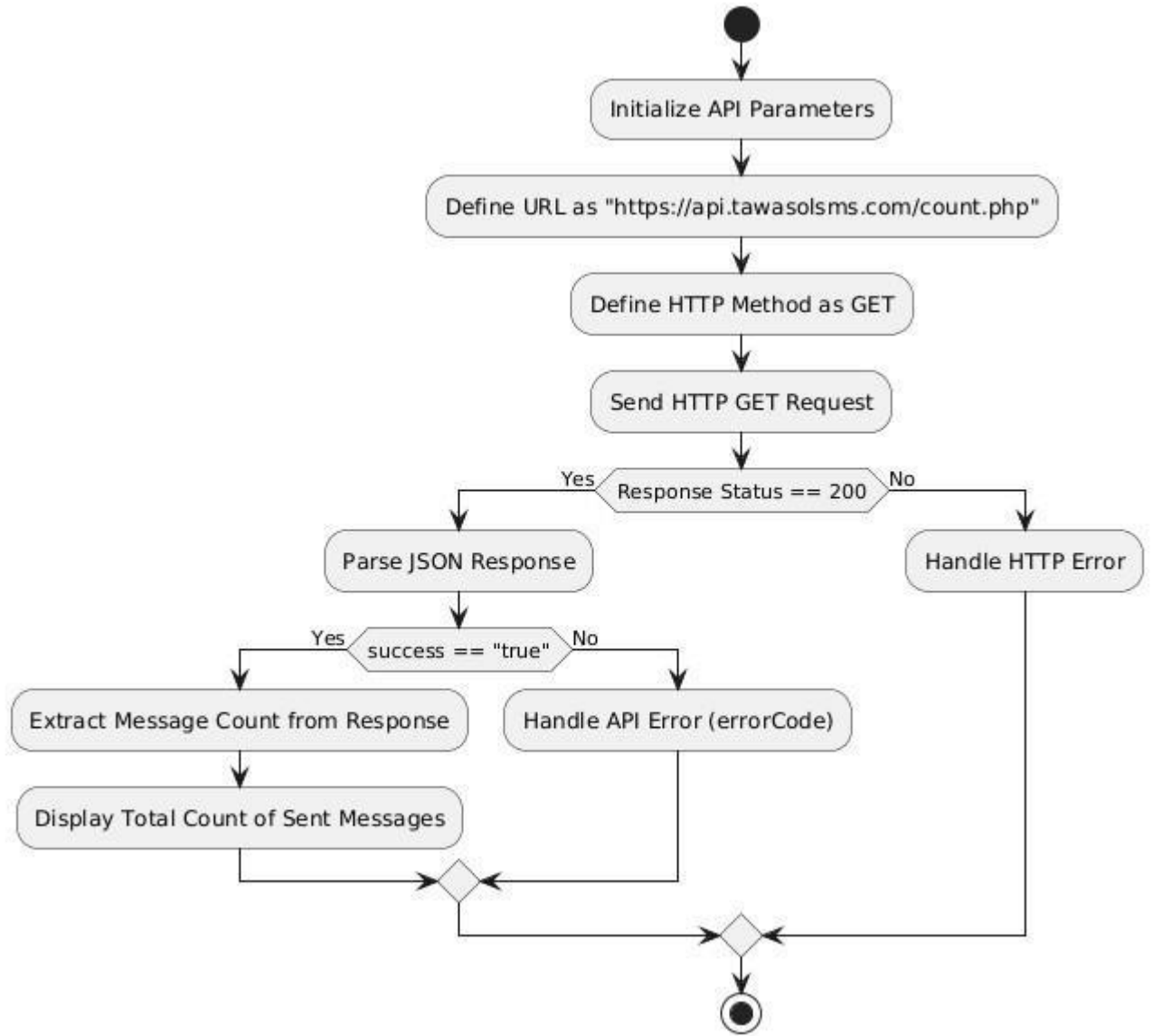
Tawasol SMS API - Bulk Send Using File Algorithm



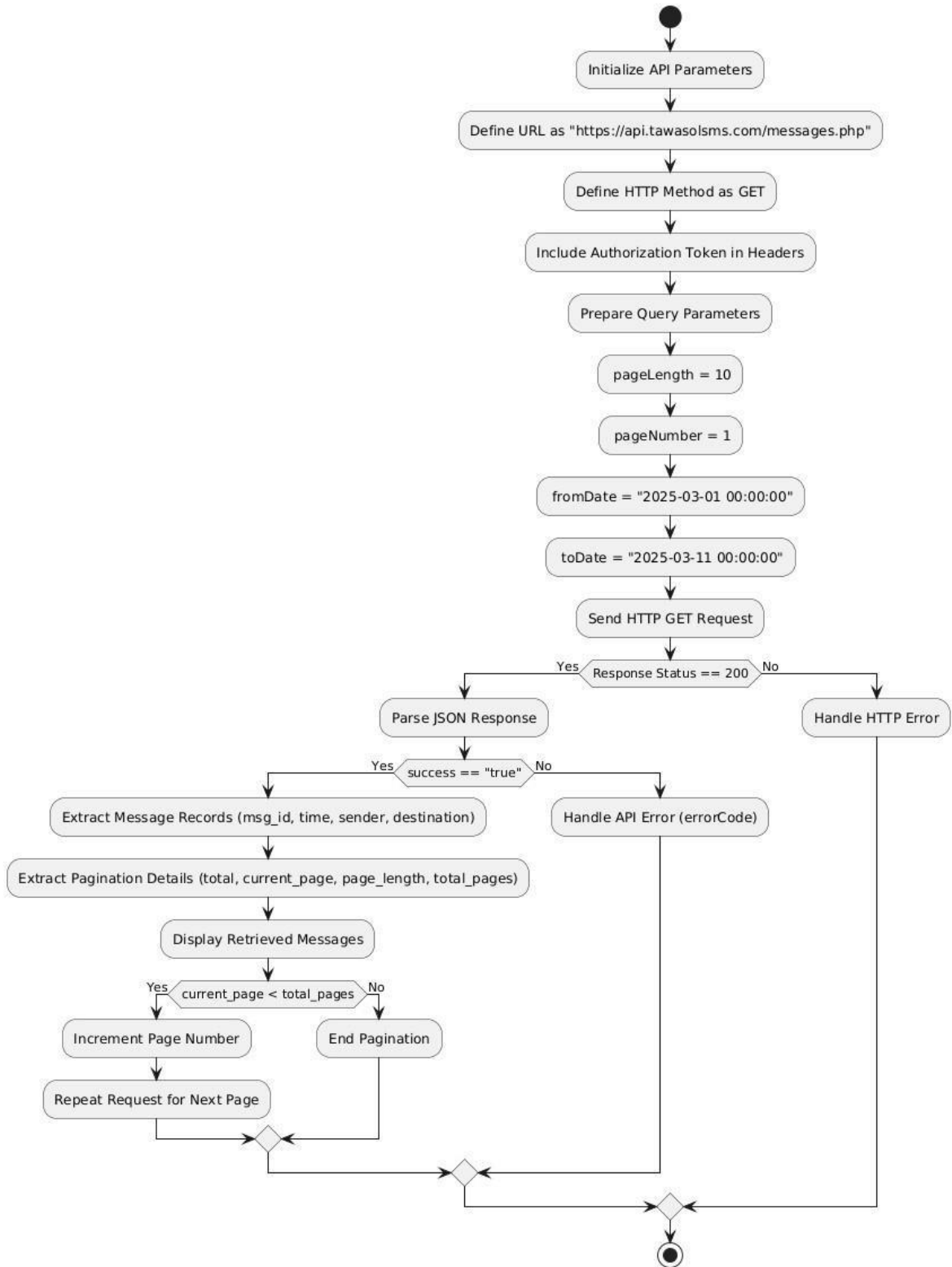
9. Getting Message Details – Method (3)



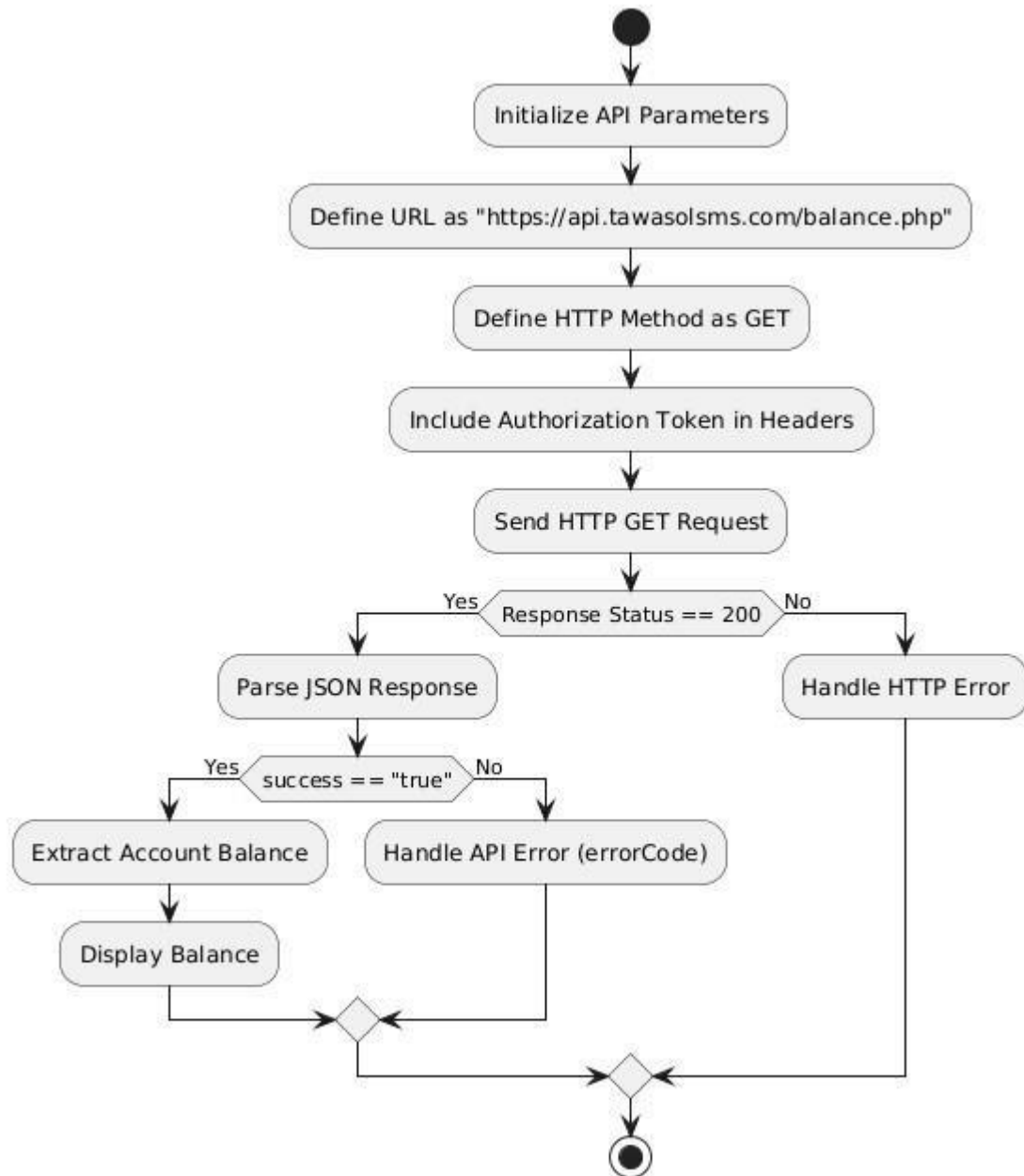
10. Getting SMS Messages Count – Method (3)



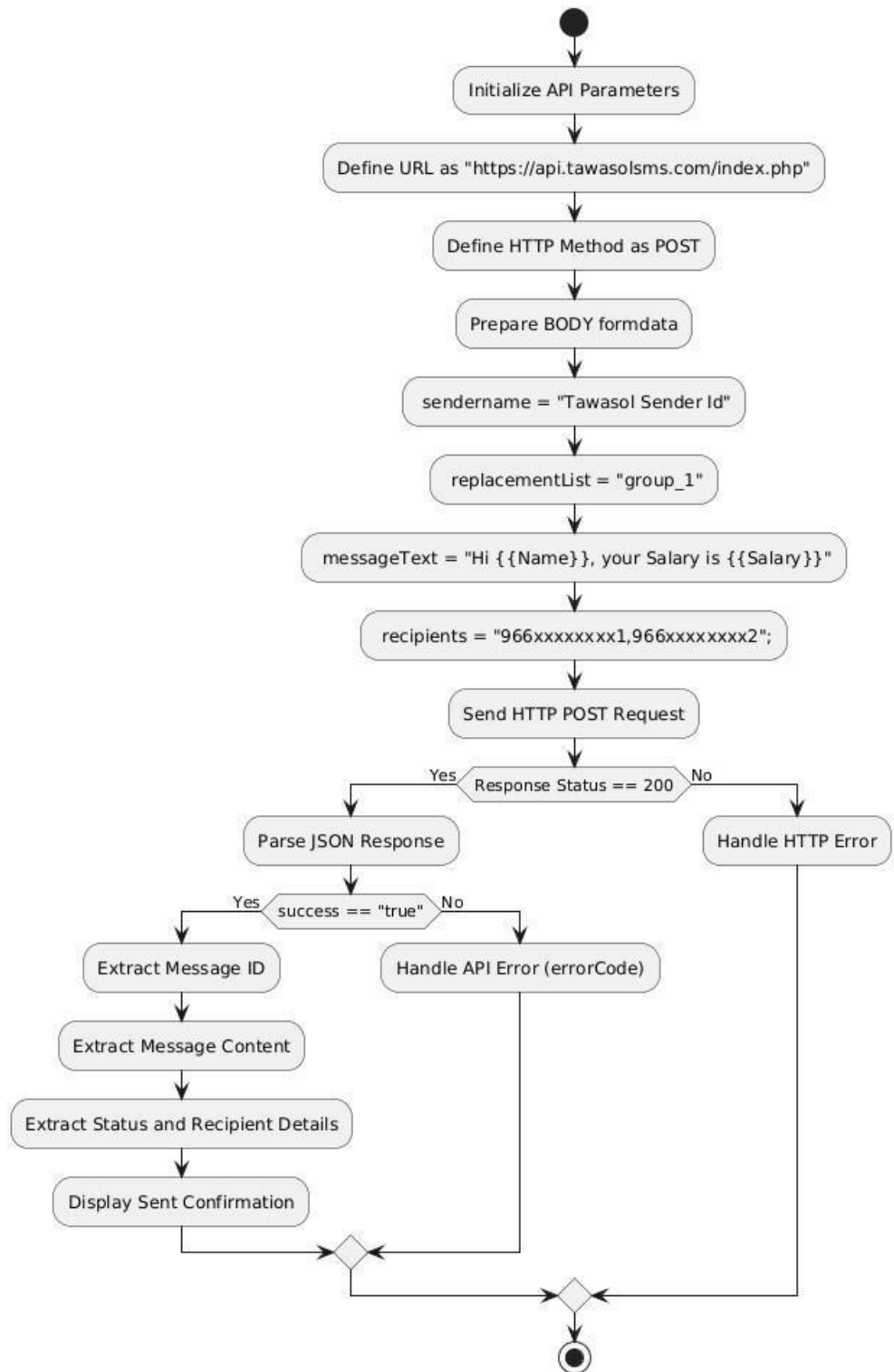
11. Retrieving SMS Message Details Method(3)



12. Getting Account Balance- Method (3)



13. Personalized Send - Method(3)



14. Personalized Bulk Send using file - Method (3)

