Stats

- SomaTech Stats API

SomaTech Stats API

Base URL: `https://somatechapi.nexgate.co`

Endpoint Overview

#	Method	Path	Auth Required
1	GET	`/api/v1/stats`	No
2	GET	`/api/v1/stats/trend`	No
3	POST	`/api/v1/auth/add`	No
4	POST	`/api/v1/auth/request-otp`	No
5	POST	`/api/v1/auth/verify-otp`	No
6	POST	`/api/v1/message/send`	**Yes — JWT**
7	GET	`/api/v1/admin/users`	**Yes — JWT**
8	GET	`/api/v1/admin/messages`	**Yes — JWT**
9	GET	`/api/v1/admin/users/{userId}`	**Yes — JWT**

Public Endpoints

1. Overall Stats

Returns total counts with no date filtering.

Endpoint:

```
GET /api/v1/stats
```

Auth: None — public endpoint

Request:

```
curl https://somatechapi.nexgate.co/api/v1/stats
```

Response:

```
{
  "status": "success",
  "message": "Stats fetched successfully",
  "data": {
    "totalUsers": 1500,
    "totalMessages": 12400,
    "totalResponses": 11800,
    "trend": null
  }
}
```

---

2. Trend Stats

Returns overall counts plus daily breakdown for a date range.

Endpoint:

```
GET /api/v1/stats/trend
```

Auth: None — public endpoint

Query Params:

Param	Type	Required	Description
`from`	`yyyy-MM-dd`	No	Start date. Defaults to 30 days ago
`to`	`yyyy-MM-dd`	No	End date. Defaults to today

Request:

```
# With date range
curl "https://somatechapi.nexgate.co/api/v1/stats/trend?from=2024-01-01&to=2024-03-01"

# Default last 30 days
curl "https://somatechapi.nexgate.co/api/v1/stats/trend"
```

Response:

```
{
  "status": "success",
  "message": "Stats fetched successfully",
  "data": {
    "totalUsers": 1500,
    "totalMessages": 12400,
    "totalResponses": 11800,
    "trend": [
      {
        "date": "2024-01-01",
        "messages": 120,
        "responses": 115,
        "newUsers": 30
      },
      {
        "date": "2024-01-02",
        "messages": 98,
        "responses": 95,
        "newUsers": 12
      }
    ]
  }
}
```

Protected Endpoints

> These endpoints require a valid JWT token in the `Authorization` header.
>
> ```
> Authorization: Bearer <your_access_token>
> ```

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6. Send Message

Sends an SMS message on behalf of the authenticated server.

Endpoint:

```
POST /api/v1/message/send
```

Auth: Required — JWT Bearer token

Request Body:

Field	Type	Required	Description
`phoneNumber`	`string`	Yes	Recipient phone number
`text`	`string`	Yes	Message content
`sender`	`uuid`	No	Sender UUID

```
{
  "phoneNumber": "+255712345678",
  "text": "Hello from SMS Gateway"
}
```

Request:

```
curl -X POST https://somatechapi.nexgate.co/api/v1/message/send \
  -H "Content-Type: application/json" \
  -H "Authorization: Bearer <your_access_token>" \
  -d '{"phoneNumber": "+255712345678", "text": "Hello from SMS Gateway"}'
```

Response:

```
{
  "status": "success",
  "message": "Message sent successfully",
  "data": {
    "messageId": "550e8400-e29b-41d4-a716-446655440000",
    "sender": "550e8400-e29b-41d4-a716-446655440001",
    "phoneNumber": "+255712345678",
    "text": "Hello from SMS Gateway",
    "response": "AI response here",
    "creationDate": "2024-01-01T10:00:00Z",
    "modificationDate": "2024-01-01T10:00:00Z",
    "isDeleted": false
  }
}
```

---

7. Admin — List Users

Returns a paginated list of all registered users with optional date filtering.

Endpoint:

```
GET /api/v1/admin/users
```

Auth: Required — JWT Bearer token

Query Params:

Param	Type	Required	Default	Description
`page`	`int`	No	`0`	Page number (zero-based)
`size`	`int`	No	`20`	Page size
`from`	`yyyy-MM-dd`	No	—	Filter by creation date start
`to`	`yyyy-MM-dd`	No	—	Filter by creation date end

Request:

```
curl "https://somatechapi.nexgate.co/api/v1/admin/users?page=0&size=20" \
  -H "Authorization: Bearer <your_access_token>"
```

Response:

```
{
  "status": "success",
  "message": "Users fetched successfully",
  "data": {
    "content": [
      {
        "userId": "550e8400-e29b-41d4-a716-446655440000",
        "firstName": "John",
        "lastName": "Doe",
        "phoneNumber": "+255712345678",
        "connects": 10,
        "createdDate": "2024-01-01T10:00:00Z",
        "totalMessages": 42
```

```
      }
    ],
    "totalElements": 1500,
    "totalPages": 75,
    "page": 0,
    "size": 20
  }
}
```

---

8. Admin — List Messages

Returns a paginated list of all messages with optional date filtering.

Endpoint:

```
GET /api/v1/admin/messages
```

Auth: Required — JWT Bearer token

Query Params:

Param	Type	Required	Default	Description
`page`	`int`	No	`0`	Page number (zero-based)
`size`	`int`	No	`20`	Page size
`from`	`yyyy-MM-dd`	No	—	Filter by creation date start
`to`	`yyyy-MM-dd`	No	—	Filter by creation date end

Request:

```
curl "https://somatechapi.nexgate.co/api/v1/admin/messages?page=0&size=20&from=2024-01-01&to=2024-03-01" \
  -H "Authorization: Bearer <your_access_token>"
```

Response:

```
{
  "status": "success",
```

```
  "message": "Messages fetched successfully",
  "data": {
    "content": [
      {
        "messageId": "550e8400-e29b-41d4-a716-446655440000",
        "senderId": "550e8400-e29b-41d4-a716-446655440001",
        "senderName": "John Doe",
        "senderPhone": "+255712345678",
        "text": "Hello",
        "response": "AI response here",
        "recipientPhone": "+255787654321",
        "creationDate": "2024-01-01T10:00:00Z"
      }
    ],
    "totalElements": 12400,
    "totalPages": 620,
    "page": 0,
    "size": 20
  }
}
```


---

9. Admin — Get User by ID

Returns a single user's profile alongside their paginated messages, with optional date range filtering on messages.

Endpoint:

```
GET /api/v1/admin/users/{userId}
```

Auth: Required — JWT Bearer token

Path Param:

Param	Type	Description
`userId`	`uuid`	The UUID of the user

Query Params:

Param	Type	Required	Default	Description

`page`	`int`	No	`0`	Page number (zero-based)
`size`	`int`	No	`20`	Page size
`from`	`yyyy-MM-dd`	No	—	Filter messages by creation date start
`to`	`yyyy-MM-dd`	No	—	Filter messages by creation date end

Request:

```
curl "https://somatechapi.nexgate.co/api/v1/admin/users/550e8400-e29b-41d4-a716-446655440000?page=0&size=20&from=2024-01-01&to=2024-03-01" \
  -H "Authorization: Bearer <your_access_token>"
```

Response (200 OK):


```
{
  "status": "success",
  "message": "User fetched successfully",
  "data": {
    "user": {
      "userId": "550e8400-e29b-41d4-a716-446655440000",
      "firstName": "John",
      "lastName": "Doe",
      "phoneNumber": "+255712345678",
      "connects": 10,
      "createdDate": "2024-01-01T10:00:00Z",
      "totalMessages": 42
    },
    "messages": {
      "content": [
        {
          "messageId": "550e8400-e29b-41d4-a716-446655440002",
          "senderId": "550e8400-e29b-41d4-a716-446655440000",
          "senderName": "John Doe",
          "senderPhone": "+255712345678",
          "text": "Hello",
          "response": "AI response here",
          "recipientPhone": "+255787654321",
          "creationDate": "2024-01-01T10:00:00Z"
        }
```

```
      ],
      "totalElements": 42,
      "totalPages": 3,
      "page": 0,
      "size": 20
    }
  }
}
```

Response (404 Not Found):

```
{
  "status": "failed",
  "message": "User not found",
  "data": null
}
```

Notes

- All dates must be in `yyyy-MM-dd` format
- If `from` is provided without `to`, `to` defaults to today
- If neither is provided, trend defaults to last 30 days
- `trend` is `null` on the overall stats endpoint
- JWT tokens are obtained from the `/api/v1/auth/verify-otp` response
- Pagination is zero-based — `page=0` returns the first page