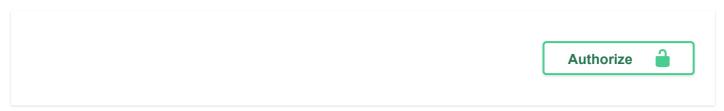
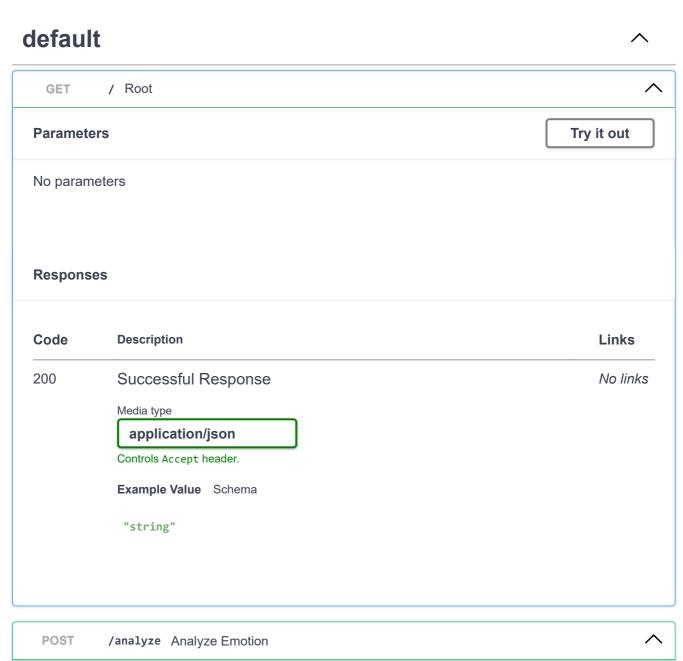
## Al Mental Wellness Assistant API 1.0.0

**OAS 3.1** 

/openapi.json

API for emotion detection and wellness recommendations





Analyze the emotion in the provided text. Returns detected emotions and their confidence scores.

**Parameters** Try it out **Description** Name session id session id string | (string | null) (query) Request body required application/json Example Value Schema "text": "string" Responses Code Description Links 200 Successful Response No links Media type

application/json

Controls Accept header.

Example Value Schema

```
"emotions": {
    "additionalProp1": 0,
    "additionalProp2": 0,
    "additionalProp3": 0
},
    "primary_emotion": "string",
    "summary": "string"
}
```

422 Validation Error

No links

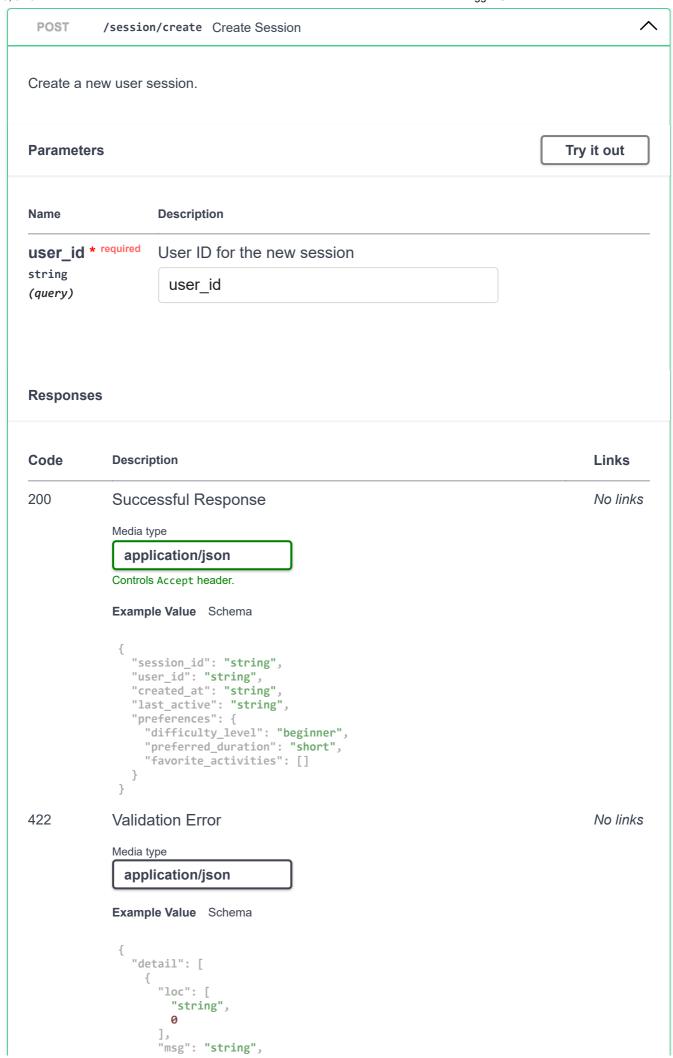
Media type

application/json

```
Code
             Description
                                                                                         Links
             Example Value Schema
                "detail": [
                    "loc": [
                      "string",
                    "msg": "string",
                    "type": "string"
           /recommend Get Recommendations
 POST
Get personalized wellness recommendations based on detected emotions.
Parameters
                                                                                     Try it out
               Description
Name
session id
                session id
string |
(string |
null)
(query)
Request body required
                                                                       application/json
Example Value Schema
  "emotions": {
    "additionalProp1": 0,
    "additionalProp2": 0,
    "additionalProp3": 0
  "primary_emotion": "string",
"summary": "string"
Responses
```

### Code **Description** Links 200 Successful Response No links Media type application/json Controls Accept header. Example Value Schema "activities": [ "title": "string", "description": "string", "duration": "string", "difficulty": "string", "benefits": [ "string" "steps": [ "string" "emotional\_context": "string" } ], "explanation": "string" 422 No links Validation Error Media type application/json Example Value Schema "detail": [ "loc": [ "string", "msg": "string", "type": "string" ] } **GET** /metrics Metrics Expose Prometheus metrics. Try it out **Parameters** No parameters

# Responses **Description** Links Code 200 Successful Response No links Media type application/json Controls Accept header. Example Value Schema "string" GET /health Health Check Health check endpoint to verify service status. Try it out **Parameters** No parameters Responses Links Code **Description** 200 Successful Response No links Media type application/json Controls Accept header. Example Value Schema "string"



```
Code
             Description
                                                                                           Links
                     "type": "string"
                ]
            /session/{session_id} Get Session
 GET
Get session information.
Parameters
                                                                                       Try it out
                         Description
Name
session_id * required
                           session id
string
(path)
Responses
Code
             Description
                                                                                           Links
                                                                                           No links
200
             Successful Response
             Media type
               application/json
             Controls Accept header.
             Example Value Schema
                "session_id": "string",
                "user_id": "string",
                "created_at": "string",
"last_active": "string",
                "preferences": {
                  "difficulty_level": "beginner",
                  "preferred_duration": "short",
                  "favorite_activities": []
                                                                                           No links
422
             Validation Error
             Media type
               application/json
             Example Value Schema
```

```
Description
Code
                                                                                        Links
               "detail": [
                    "loc": [
                      "string",
                    "msg": "string",
                    "type": "string"
           /session/{session_id} Delete Session
DELETE
Delete a session.
Parameters
                                                                                    Try it out
                        Description
Name
session_id * required
                          session_id
string
(path)
Responses
Code
             Description
                                                                                        Links
200
             Successful Response
                                                                                        No links
             Media type
               application/json
             Controls Accept header.
             Example Value Schema
              "string"
422
            Validation Error
                                                                                        No links
             Media type
               application/json
```

```
Code
              Description
                                                                                                 Links
              Example Value Schema
                 "detail": [
                      "loc": [
                        "string",
                      "msg": "string",
                      "type": "string"
 POST
            /session/{session_id}/preferences Update Preferences
Update user preferences.
                                                                                            Try it out
Parameters
Name
                          Description
session_id * required
                            session_id
string
(path)
Request body required
                                                                              application/json
Example Value Schema
  "difficulty_level": "beginner",
"preferred_duration": "short",
"favorite_activities": []
Responses
Code
              Description
                                                                                                 Links
200
              Successful Response
                                                                                                 No links
              Media type
                application/json
```

```
Code
           Description
                                                                              Links
           Controls Accept header.
           Example Value Schema
            "string"
           Validation Error
422
                                                                              No links
           Media type
             application/json
           Example Value Schema
              "detail": [
                  "loc": [
                   "string",
                  "msg": "string",
                  "type": "string"
              ]
 GET
          Get user's preferred activities.
Parameters
                                                                          Try it out
                     Description
Name
session_id * required
                       session_id
string
(path)
Responses
Code
           Description
                                                                              Links
200
                                                                              No links
           Successful Response
           Media type
```

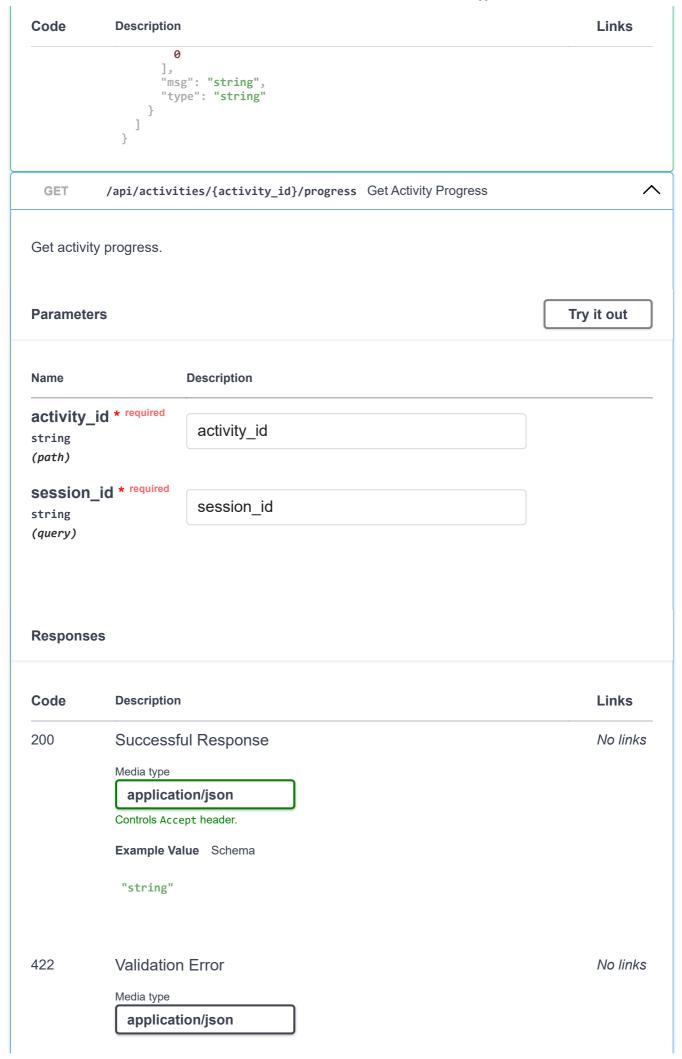
```
Code
             Description
                                                                                            Links
               application/json
             Controls Accept header.
             Example Value Schema
                "preferred_activities": [
                  "string"
                "total_activities": 0
422
             Validation Error
                                                                                            No links
             Media type
               application/json
             Example Value Schema
                "detail": [
                     "loc": [
                       "string",
                     "msg": "string",
"type": "string"
                ]
              }
  GET
            /session/{session_id}/trends Get Emotion Trends
Get emotion trends for a session.
                                                                                       Try it out
Parameters
                         Description
Name
session_id * required
                           session_id
string
(path)
Responses
```

```
Code
              Description
                                                                                            Links
200
              Successful Response
                                                                                            No links
              Media type
               application/json
              Controls Accept header.
             Example Value Schema
                 "trends": {
                   "additionalProp1": 0,
                   "additionalProp2": 0,
                   "additionalProp3": 0
                 "total_records": 0
422
             Validation Error
                                                                                            No links
              Media type
               application/json
             Example Value Schema
                "detail": [
                     "loc": [
                       "string",
                     "msg": "string",
"type": "string"
                ]
 POST
            /api/activities/{activity_id}/favorite Toggle Favorite
Toggle favorite status for an activity.
Parameters
                                                                                        Try it out
Name
                         Description
activity_id * required
                           activity_id
string
(path)
```

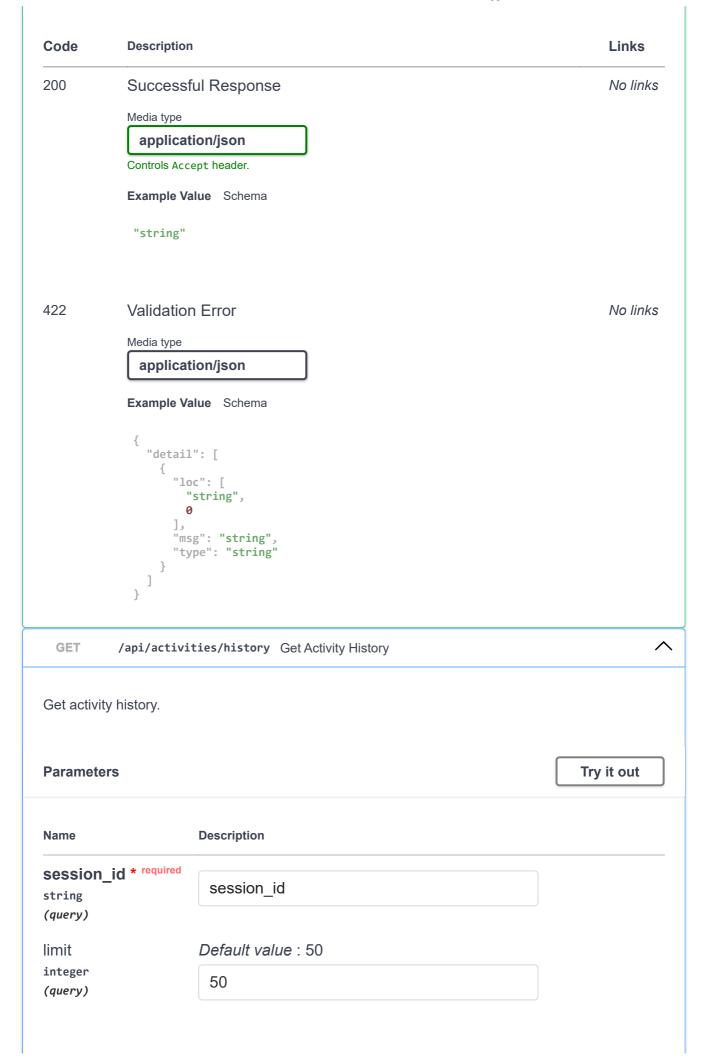
```
Name
                         Description
session_id * required
                           session id
string
(query)
Responses
             Description
                                                                                            Links
Code
200
             Successful Response
                                                                                            No links
             Media type
               application/json
             Controls Accept header.
             Example Value Schema
              "string"
422
             Validation Error
                                                                                            No links
             Media type
               application/json
             Example Value Schema
                "detail": [
                    "loc": [
                       "string",
                     "msg": "string",
"type": "string"
            /api/activities/favorites Get Favorites
  GET
Get list of favorite activities.
Parameters
                                                                                        Try it out
```

```
Description
Name
session_id * required
                       session_id
string
(query)
Responses
Code
           Description
                                                                               Links
                                                                               No links
200
           Successful Response
           Media type
             application/json
           Controls Accept header.
           Example Value Schema
            "string"
           Validation Error
422
                                                                               No links
           Media type
             application/json
           Example Value Schema
              "detail": [
                  "loc": [
                    "string",
                  "msg": "string",
"type": "string"
              ]
            }
 POST
          Update activity progress.
                                                                           Try it out
Parameters
```

```
Description
Name
activity_id * required
                          activity_id
string
(path)
session_id * required
                          session_id
string
(query)
Request body required
                                                                       application/json
Example Value Schema
   "progress": 0,
   "completed_steps": [
  ],
"time_spent": 0
Responses
             Description
                                                                                         Links
Code
200
             Successful Response
                                                                                         No links
             Media type
               application/json
             Controls Accept header.
             Example Value Schema
              "string"
422
             Validation Error
                                                                                         No links
             Media type
               application/json
             Example Value Schema
                "detail": [
                    "loc": [
                      "string",
```



```
Code
             Description
                                                                                        Links
             Example Value Schema
               "detail": [
                   "loc": [
                      "string",
                    "msg": "string",
                    "type": "string"
               ]
 POST
           /api/activities/{activity_id}/complete Complete Activity
Mark activity as completed.
                                                                                   Try it out
Parameters
Name
                        Description
activity_id * required
                         activity_id
string
(path)
session_id * required
                          session_id
string
(query)
Request body required
                                                                      application/json
Example Value Schema
  "duration": 0,
  "completed_steps": [
Responses
```



200	Successful Response  Media type	No links
	Media type	
	71	
	application/json	
	Controls Accept header.	
	Example Value Schema	
	"string"	
422	Validation Error	No links
⊤ <b>८८</b>		NO IIINS
	Media type application/json	
	application/json	
	Example Value Schema	
	<pre>{    "detail": [</pre>	
	} }	
GET	/api/activities/recommendations Get Recommendations	/
Get persor	nalized activity recommendations.	
Paramete	rs	Try it out
Name	Description	
session_ string (query)	_id * required session_id	

integer (query)	5	
Response	es	
Code	Description	Links
200	Media type  application/json Controls Accept header.  Example Value Schema  "string"	No links
422	Validation Error  Media type  application/json  Example Value Schema   {     "detail": [         "loc": [             "string",             "msg": "string",             "type": "string"         }     ] }	No links
POST	/api/activities/{activity_id}/share Share Activity	,
Share acti	vity on social media.	
Paramete	rs	Try it out

```
Description
Name
activity_id * required
                           activity_id
string
(path)
session_id * required
                           session_id
string
(query)
Request body required
                                                                         application/json
Example Value Schema
   "activity_id": "string",
   "platform": "string",
"message": "string"
Responses
Code
             Description
                                                                                            Links
                                                                                            No links
200
              Successful Response
              Media type
               application/json
              Controls Accept header.
             Example Value Schema
              "string"
422
             Validation Error
                                                                                            No links
              Media type
               application/json
              Example Value Schema
                "detail": [
                     "loc": [
                       "string",
```

```
Code
              Description
                                                                                               Links
                      "msg": "string",
                      "type": "string"
                 ]
 POST
            /auth/signup Signup
Parameters
                                                                                           Try it out
No parameters
Request body required
                                                                            application/json
Example Value Schema
   "email": "user@example.com",
  "username": "string",
   "full_name": "string",
  "password": "stringst",
   "confirm_password": "string"
Responses
                                                                                               Links
Code
              Description
                                                                                               No links
200
              Successful Response
              Media type
                application/json
              Controls Accept header.
              Example Value Schema
                 "email": "user@example.com",
                 "username": "string",
"full_name": "string",
                 "id": "string",
"created_at": "2025-05-14T00:26:34.505Z",
                 "is_active": true,
                 "is_verified": true,
"last_login": "2025-05-14T00:26:34.505Z"
              Validation Error
422
                                                                                               No links
              Media type
```

```
Code
            Description
                                                                                      Links
              application/json
             Example Value Schema
             {
   "detail": [
                   "loc": [
                     "string",
                   "msg": "string",
                   "type": "string"
               ]
 POST
           /auth/login Login
Parameters
                                                                                  Try it out
No parameters
Request body required
                                                    application/x-www-form-urlencoded
   grant_type
   string | (string |
   null)
   pattern: ^password$
   username * required
   string
   password * required
   string
   scope
   string
   client_id
   string | (string |
   null)
   client_secret
   string | (string |
   null)
```

#### Responses

Code	Description	Links
200	Successful Response	No link
	Media type	
	application/json	
	Controls Accept header.	
	Example Value Schema	
	<pre>{    "access_token": "string",    "token_type": "bearer",    "expires_in": 0,    "refresh_token": "string" }</pre>	
422	Validation Error	No link
	Media type	
	application/json	
	Example Value Schema	
	<pre>{     "detail": [</pre>	

GET /auth/me Get Current User Info

/auth/refresh Refresh Token





```
Activity ^ Collapse all object

title* string
description* string
duration* string
```

POST

```
difficulty* string
benefits* > Expand all array<string>
steps* > Expand all array<string>
emotional_context* string
```

#### ActivityCompletion ^ Collapse all object

```
duration* integer
completed_steps* > Expand all array<integer>
```

#### ActivityPreferencesResponse ^ Collapse all object

```
preferred_activities* > Expand all array<string>
total_activities* integer
```

#### ActivityProgressUpdate ^ Collapse all object

```
progress* number
completed_steps* > Expand all array<integer>
time_spent* integer
```

### Body\_login\_auth\_login\_post ^ Collapse all object

```
grant_type > Expand all (string | null)
username* string
password* string
scope > Expand all string
client_id > Expand all (string | null)
client_secret > Expand all (string | null)
```

#### EmotionResponse ^ Collapse all object

```
emotions* > Expand all object
primary_emotion* string
summary* string
```

#### EmotionTrendsResponse ^ Collapse all object

```
trends* > Expand all object
total_records* integer
```

#### HTTPValidationError ^ Collapse all object

```
detail > Expand all array<object>
```

#### RecommendationResponse ^ Collapse all object

```
activities* > Expand all array<object>
explanation* string
```

#### SessionResponse ^ Collapse all object

```
session_id* string
user_id* string
created_at* string
last_active* string
preferences* > Expand all object
```

#### ShareActivityRequest ^ Collapse all object

```
activity_id* string
platform* string
message > Expand all (string | null)
```

#### TextInput ^ Collapse all object

text\* string

#### Token ^ Collapse all object

```
access_token* string
token_type > Expand all string
expires_in* integer
refresh_token* string
```

#### UserCreate ^ Collapse all object

```
email* string email

username* string [3, 50] characters

full_name > Expand all (string | null)

password* string ≥ 8 characters

confirm_password* string
```

#### **UserPreferences ^** Collapse all **object**

```
difficulty_level > Expand all (string | null)
```

```
Al Mental Wellness Assistant API - Swagger UI
   preferred_duration > Expand all (string | null)
   favorite_activities > Expand all (array<string> | null)
UserResponse ^ Collapse all object
   email* string email
   username* string [3, 50] characters
   full_name > Expand all (string | null)
   id* string
   created_at* string date-time
   is_active* boolean
   is_verified* boolean
   last_login > Expand all (string | null)
ValidationError ^ Collapse all object
   loc* > Expand all array<(string | integer)>
   msg* string
   type* string
```