

AI Mental Wellness Assistant API1.0.0

OAS 3.1

/openapi.json

API for emotion detection and wellness recommendations

Authorize

default

^

GET / Root ^

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>	No links

POST /analyze Analyze Emotion ^

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

Parameters

Try it out

Name	Description
session_id string (string null) (query)	<div>session_id</div>

Request body required

application/json

Example Value Schema

```
{
  "text": "string"
}
```

Responses

Code	Description	Links
200	Successful Response Media type <div>application/json</div> Controls Accept header. Example Value Schema <pre>{ "emotions": { "additionalProp1": 0, "additionalProp2": 0, "additionalProp3": 0 }, "primary_emotion": "string", "summary": "string" }</pre>	No links
422	Validation Error Media type <div>application/json</div>	No links

Code	Description	Links
	<div>Example ValueSchema</div> <pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre>	

POST/recommendGet Recommendations

^

Get personalized wellness recommendations based on detected emotions.

Parameters

Try it out

Name	Description
session_id string (string null) (query)	<div>session_id</div>

Request bodyrequired

application/json

Example ValueSchema

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

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "activities": [{ "title": "string", "description": "string", "duration": "string", "difficulty": "string", "benefits": ["string"], "steps": ["string"], "emotional_context": "string" }], "explanation": "string"}</pre></div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div>Example Value Schema</div> <div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre></div>	No links

GET /metrics Metrics



Expose Prometheus metrics.

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>	No links

GET /health Health Check



Health check endpoint to verify service status.

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>	No links

POST

/session/create

Create Session

^

Create a new user session.

Parameters

Try it out

Name	Description
user_id * required string (query)	User ID for the new session <div>user_id</div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value</div> <div>Schema</div> <div><pre>{ "session_id": "string", "user_id": "string", "created_at": "string", "last_active": "string", "preferences": { "difficulty_level": "beginner", "preferred_duration": "short", "favorite_activities": [] }}</pre></div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div>Example Value</div> <div>Schema</div> <div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", }]}</pre></div>	No links

Code

Description

Links

```
    "type": "string"
  }
]
}
```

GET

/session/{session_id} Get Session

^

Get session information.

Parameters

Try it out

Name

Description

session_id * required

string
(path)

session_id

Responses

Code

Description

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

No links

Code	Description	Links
	<pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre>	

DELETE

/session/{session_id}

Delete Session

^

Delete a session.

Parameters

Try it out

Name	Description
session_id * required string (path)	<div>session_id</div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div>	No links

Code	Description	Links
	<div><div>Example Value</div><div>Schema</div></div> <pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre>	

POST

/session/{session_id}/preferences

Update Preferences

^

Update user preferences.

Parameters

Try it out

Name	Description
session_id * required string (path)	<div>session_id</div>

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
	<div>Controls Accept header.</div> <div><div>Example Value</div><div>Schema</div></div> <div>"string"</div>	
422	<div>Validation Error</div> <div>Media type</div> <div><div>application/json</div></div> <div><div>Example Value</div><div>Schema</div></div> <div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre></div>	No links

GET	/session/{session_id}/preferences	Get Activity Preferences	^
Get user's preferred activities.			
Parameters			<div>Try it out</div>
Name	Description		
<div>session_id * required</div> <div>string</div> <div>(path)</div>	<div>session_id</div>		
Responses			
Code	Description	Links	
200	Successful Response	No links	
Media type			

Code	Description	Links
	<div><div>application/json</div><div>Controls Accept header.</div><div><div>Example Value</div><div>Schema</div></div><div><pre>{ "preferred_activities": ["string"], "total_activities": 0}</pre></div></div>	
422	<div><div>Validation Error</div><div>Media type</div><div><div>application/json</div></div><div><div>Example Value</div><div>Schema</div></div><div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre></div></div>	No links

GET

/session/{session_id}/trends

Get Emotion Trends

^

Get emotion trends for a session.

Parameters

Try it out

Name	Description
<div>session_id * required</div> <div>string</div> <div>(path)</div>	<div>session_id</div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example ValueSchema</div> <div><pre>{ "trends": { "additionalProp1": 0, "additionalProp2": 0, "additionalProp3": 0 }, "total_records": 0}</pre></div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div>Example ValueSchema</div> <div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre></div>	No links

POST

/api/activities/{activity_id}/favorite

Toggle Favorite

^

Toggle favorite status for an activity.

Parameters

Try it out

Name	Description
<div>activity_id * required</div> <div>string</div> <div>(path)</div>	<div>activity_id</div>

Name

Description

session_id * required

string

(query)

session_id

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div>Example Value Schema</div> <div>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</div>	No links

GET

/api/activities/favorites

Get Favorites

Get list of favorite activities.

Parameters

Try it out

NameDescription

session_id * required

string

(query)

session_id

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div>Example Value Schema</div> <div>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</div>	No links

POST/api/activities/{activity_id}/progressUpdate Activity Progress

Update activity progress.

Parameters

Try it out

NameDescription

activity_id * required
string
(path)

activity_id

session_id * required
string
(query)

session_id

Request body required

application/json

Example ValueSchema

```
{
  "progress": 0,
  "completed_steps": [
    0
  ],
  "time_spent": 0
}
```

Responses

CodeDescriptionLinks

200Successful ResponseNo links

Media type

application/json

Controls Accept header.

Example ValueSchema

"string"

422Validation ErrorNo links

Media type

application/json

Example ValueSchema

```
{
  "detail": [
    {
      "loc": [
        "string",

```

Code	Description	Links
	<pre>0], "msg": "string", "type": "string" }]</pre>	

GET /api/activities/{activity_id}/progress Get Activity Progress ^

Get activity progress.

Parameters

Try it out

Name	Description
activity_id * required string (path)	<div>activity_id</div>
session_id * required string (query)	<div>session_id</div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div>	No links

Code	Description	Links
	<div>Example ValueSchema</div> <pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre>	

POST

/api/activities/{activity_id}/complete

Complete Activity

^

Mark activity as completed.

Parameters

Try it out

Name	Description
activity_id * required string (path)	<div>activity_id</div>
session_id * required string (query)	<div>session_id</div>

Request body required

application/json

Example ValueSchema

```
{  "duration": 0,  "completed_steps": [    0  ]}
```

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div>Example Value Schema</div> <div>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</div>	No links

GET /api/activities/history Get Activity History

Get activity history.

Parameters

Try it out

Name	Description
<div>session_id * required</div> <div>string</div> <div>(query)</div>	<div>session_id</div>
<div>limit</div> <div>integer</div> <div>(query)</div>	<div>Default value : 50</div> <div>50</div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div>Example Value Schema</div> <div>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</div>	No links

GET /api/activities/recommendations Get Recommendations



Get personalized activity recommendations.

Parameters

Try it out

Name	Description
<div>session_id * required</div> <div>string</div> <div>(query)</div>	<div>session_id</div>
limit	Default value : 5

5

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type<div>application/json</div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>	No links
422	<div>Validation Error</div> <div>Media type<div>application/json</div></div> <div>Example Value Schema</div> <div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre></div>	No links

POST /api/activities/{activity_id}/share Share Activity

Share activity on social media.

Parameters

Try it out

NameDescription

activity_id * required
string
(path)

activity_id

session_id * required
string
(query)

session_id

Request body required

application/json

Example ValueSchema

```
{
  "activity_id": "string",
  "platform": "string",
  "message": "string"
}
```

Responses

CodeDescriptionLinks

200Successful ResponseNo links

Media type

application/json

Controls Accept header.

Example ValueSchema

"string"

422Validation ErrorNo links

Media type

application/json

Example ValueSchema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],

```

CodeDescriptionLinks

```
      "msg": "string",
      "type": "string"
    }
  ]
}
```

POST/auth/signupSignup

^

ParametersTry it out

No parameters

Request bodyrequiredapplication/json

Example ValueSchema

```
{
  "email": "user@example.com",
  "username": "string",
  "full_name": "string",
  "password": "stringst",
  "confirm_password": "string"
}
```

Responses

CodeDescriptionLinks

200Successful ResponseNo links

Media type

application/json

Controls Accept header.

Example ValueSchema

```
{
  "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"
}
```

422Validation ErrorNo links

Media type

Code

Description

Links

application/json

Example ValueSchema

```
{  "detail": [    {      "loc": [        "string",        0      ],      "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	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "access_token": "string", "token_type": "bearer", "expires_in": 0, "refresh_token": "string" }</pre></div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div>Example Value Schema</div> <div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre></div>	No links

POST /auth/refresh Refresh Token



GET /auth/me Get Current User Info



Schemas



Activity ^ Collapse all object

title* string

description* string

duration* string


```
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)**

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