



CSE118 Assignment API 2.0.0 OAS3

CSE118 Assignment API

Servers

<https://cse118.com/api/v2>

Authorize

default

POST

/login

Login

Parameters

Try it out

No parameters

Request body required

application/json

Credentials

Example Value

Schema

```
{
  "email": "user@example.com",
  "password": "string"
}
```

Responses

Code	Description	Links
200	<div>Succesful</div> <div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div><div>Example Value</div><div>Schema</div></div> <div><pre>{ "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "name": "string", "accessToken": "string"}</pre></div>	No links
401	Unauthorised	No links
500	unexpected error	No links

PUT

/reset

^

🔒

Resets authenticated user to a known state

Parameters



Try it out

No parameters

Responses

Code	Description	Links
200	OK	No links
403	Forbidden	No links

Code	Description	Links
default	<div>Unexpected Error</div> <div>Media type<div>application/json</div>Controls Accept header.</div> <div>Example ValueSchema<div>{ "code": 0, "message": "string" }</div></div>	No links

GET	/member	 
Returns all members		
Parameters		<div>Try it out</div>
No parameters		
Responses		
Code	Description	Links
200	<div>Member Response</div> <div>Media type<div>application/json</div>Controls Accept header.</div> <div>Example ValueSchema<div>[{ "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "name": "string" }]</div></div>	No links

Code	Description	Links
	<pre>}]</pre>	
403	Forbidden	No links
default	Unexpected Error	No links
Media type		
application/json		
Example Value Schema		
<pre>{ "code": 0, "message": "string" }</pre>		

GET

/workspace

^

🔒

Returns workspaces the authenticated user either owns or has access to

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	Array of workspaces	No links
Media type		
application/json		
Controls Accept header.		
Example Value Schema		

Code	Description	Links
	<pre>[{ "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "name": "string", "owner": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "channels": 0 }]</pre>	
401	Unauthorised	No links
default	Unexpected Error	No links

Media type

application/json

Example Value Schema

```
{
  "code": 0,
  "message": "string"
}
```

POST

/workspace

Creates a new workspace

Parameters

Try it out

No parameters

Request body required

application/json

Workspace to add

Example Value Schema

```
{
  "name": "string"
}
```

Responses

Code	Description	Links
201	<div>Workspace created</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "name": "string", "owner": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "channels": 0}</pre></div>	No links
404	<div>Channel not found</div>	No links
default	<div>unexpected error</div> <div>Media type</div> <div>application/json</div> <div>Example Value Schema</div> <div><pre>{ "code": 0, "message": "string"}</pre></div>	No links

DELETE /workspace/{id}



Deletes a workspace

Parameters

Try it out

Name	Description
id * required	
string(\$uuid)	ID of the workspace to delete
(path)	

id

Responses

Code	Description	Links
200	Workspace deleted	No links
404	Workspace not found	No links
default	unexpected error	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{  "code": 0,  "message": "string"}
```

GET /workspace/{id}/member



Returns members belonging to a workspace

Parameters

Try it out

Name	Description
id * required	
string(\$uuid)	ID of the workspace
(path)	

id

Responses

Code	Description	Links
200	Array of members in the workspace	No links
	<div>Media type<div>application/json</div>Controls Accept header.</div> <div>Example Value Schema<div>[{ "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "name": "string" }]</div></div>	
403	Forbidden	No links
404	Not found	No links
default	Unexpected Error	No links
	<div>Media type<div>application/json</div></div> <div>Example Value Schema<div>{ "code": 0, }</div></div>	

Code

Description

Links

```
"message": "string"
}
```

POST

/workspace/{id}/member

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Adds a member to the workspace

Parameters

Try it out

Name

Description

id * required

string(\$uuid)

ID of the workspace

(path)

id

mid * required

string(\$uuid)

ID of the member

(query)

mid

Responses

Code

Description

Links

200

Member added

No links

404

Workspace not found

No links

default

unexpected error

No links

Media type

application/json

Controls Accept header.

Code	Description	Links
<div>Example Value Schema</div> <pre>{ "code": 0, "message": "string" }</pre>		

DELETE /workspace/{id}/member

Removes a member from the workspace

Parameters



Try it out

Name	Description
id * required string(\$uuid) (path)	ID of the workspace
<input type="text" value="id"/>	
mid * required string(\$uuid) (query)	ID of the member
<input type="text" value="mid"/>	

Responses

Code	Description	Links
200	Member removed	No links
404	Not found	No links
default	unexpected error	No links

Code	Description	Links
	<div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "code": 0, "message": "string"}</pre></div>	

GET	/workspace/{id}/channel	 
Returns channels in a workspace		
Parameters		<div>Try it out</div>
Name	Description	
<div>id ★ required</div> <div>string(\$uuid)</div> <div>(path)</div>	ID of the workspace	
<div>id</div>		
Responses		
Code	Description	Links
200	Array of channels in the workspace	No links
	<div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div>Example Value Schema</div>	

Code	Description	Links
	<pre>[{ "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "name": "string", "messages": 0 }]</pre>	
404	Not found	No links
default	Unexpected Error	No links

Media type

application/json

Example Value Schema

```
{
  "code": 0,
  "message": "string"
}
```

POST

/workspace/{id}/channel

Creates a new channel in workspace

Parameters

Try it out

Name	Description
id ★ required	ID of the workspace
<code>string(\$uuid)</code> <i>(path)</i>	
<div>id</div>	

Request body required

application/json

Channel to add

Example Value Schema

```
{
  "name": "string"
}
```

Responses

Code	Description	Links
201	<div>Application response</div> <div>Media type<div>application/json</div>Controls Accept header.</div> <div>Example Value Schema<div><pre>{ "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "name": "string", "messages": 0, }</pre></div></div>	No links
404	<div>Channel not found</div>	No links
default	<div>unexpected error</div> <div>Media type<div>application/json</div></div> <div>Example Value Schema<div><pre>{ "code": 0, "message": "string" }</pre></div></div>	No links

GET /channel/{id}/message



Returns messages in a channel

Parameters

Try it out

Name	Description
id ★ required <code>string(\$uuid)</code> <i>(path)</i>	ID of the channel
<div>id</div>	

Responses

Code	Description	Links
200	<p>Array of messages in the channel</p> <p>Media type</p> <div>application/json</div> <p>Controls <code>Accept</code> header.</p> <p>Example Value Schema</p> <pre>[{ "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "member": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "posted": "2023-06-11T00:34:44.931Z", "content": "string" }]</pre>	No links
404	Not found	No links
default	<p>Unexpected Error</p> <p>Media type</p> <div>application/json</div> <p>Example Value Schema</p> <pre>{ "code": 0, }</pre>	No links

Code

Description

Links

```
"message": "string"
}
```

POST

/channel/{id}/message

^

🔒

Creates a new message in channel

Parameters

Try it out

Name

Description

id ★ required

string(\$uuid)
(path)

ID of the channel

id

Request body required

application/json

Message to add

Example Value

Schema

```
{
  "content": "string"
}
```

Responses

Code

Description

Links

201

Application response

No links

Media type

application/json

Controls Accept header.

Code	Description	Links
	<div>Example Value Schema</div> <pre>{ "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "member": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "posted": "2023-06-11T00:34:44.935Z", "content": "string"}</pre>	
404	Channel not found	No links
default	unexpected error	No links

DELETE /channel/{id}

Deletes a channel

Parameters

Try it out

Name	Description
id ★ required	ID of the channel to delete
<code>string(\$uuid)</code> <i>(path)</i>	<div>id</div>

Responses

Code	Description	Links
200	Channel was deleted	No links
404	Channel not found	No links
default	unexpected error	No links

Media type

application/json

Controls Accept header.

Example Value

Schema

```
{  "code": 0,  "message": "string"}
```

DELETE

/message/{id}

Delete a message

Parameters

Try it out

Name	Description
<div><div>id</div><div><div>★ required</div></div></div>	
<div><div>string(\$uuid)</div><div>ID of the message to delete</div><div>(path)</div></div>	<div><div>id</div></div>

Responses

Code	Description	Links
200	Message was deleted	No links
404	Message not found	No links
default	unexpected error	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
  "code": 0,
  "message": "string"
}
```

Schemas

UnexpectedError {
 code* integer(\$int32)
 message* string
}

Member {
 id* string(\$uuid)
 name* string
}

LoginResponse {
 id* string(\$uuid)
 name* string
 accessToken* string
}

```
LoginCredentials    {  
  email      string($email)  
  password   string  
}
```

```
NewWorkspace    {  
  name*      string  
              minLength: 4  
              maxLength: 32  
}
```

```
Workspace    {  
  id*        string($uuid)  
  name*      string  
  owner      string($uuid)  
  channels*  integer  
}
```

```
NewChannel    {  
  name*      string  
              minLength: 4  
              maxLength: 32  
}
```

```
Channel    {  
  id*        string($uuid)  
  name*      string  
  messages*  integer  
}
```

```
NewMessage    {  
  content*    string  
              minLength: 4  
              maxLength: 280  
}
```

```
Message    {  
  id*        string($uuid)  
  member*    string($uuid)  
  posted*    string($date-time)  
  content*   string  
}
```

