



File ▼

Edit ▼

Insert ▼

Generate
Server ▼Generate
Client ▼

About ▼

Try our
new
Editor ↗

Digital Learning Strategy API ^{1.0.0} ^{OAS 3.0}

This API intended to deploy on aws API Gateway

[Authorize](#)

User endpoints accessible by the general public

**POST****/user/text_generation** Generate a response from the LLM

Parameters

[Try it out](#)

Name

Description

category_id * required

ID of the course

string

(query)

session_id * required

ID of the session since multiple sessions can exist within a table

string

(query)

Request body

[application/json](#)**Example Value** Schema

```
{  
  "message_content": "string"  
}
```

}

Responses

Code	Description	Links
200	<div>Response with generated array and input value</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "session_name": "string", "llm_output": "string", "llm_verdict": "string"}</pre></div>	No links
400	Bad Request	No links
401	Unauthorized	No links
429	Too Many Requests	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	{ "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${TextGenLambdaDockerFunction.Arn}/invocations"}, "passthroughBehavior": "when_no_match", "httpMethod": "POST", "type": "aws_proxy" }

POST /user/create_session Create a session for a user



Parameters

Try it out

Name		Description
user_info * required		salted user info
string		<div>user_info</div>
(query)		
session_id * required		id of the session
string		<div>session_id</div>
(query)		
user_role * required		role of the user
string		<div>user_role</div>
(query)		
feedback_rating * required		rating of the feedback
string		<div>feedback_rating</div>
(query)		
feedback_description * required		additional details about the feedback
string		<div>feedback_description</div>
(query)		
Responses		
Code	Description	Links
200	feedback created	No links
400	Invalid value	No links
401	Unauthorized	No links
429	Too Many Requests	No links
500	Internal Server Error	No links
Extensions		

Field	Value
x-amazon-apigateway-integration	{ "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${userFunction.Arn}/invocations"}, "passthroughBehavior": "when_no_match", "httpMethod": "POST", "type": "aws_proxy" }

GET

/user/get_messages

Get all messages in a session

^

Parameters

Try it out

Name	Description
session_id * required	The ID of the session
string (query)	<div>session_id</div>

Responses

Code	Description	Links
200	<div>List of messages in the session</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value</div> <div>Schema</div> <div>[{ "message_id": "string", "session_id": "string", "user_sent": true, "message_content": "string", "time_sent": "2024-11-12T23:44:19.801Z" }]</div>	No links
400	<div>Bad Request</div> <div>Media type</div> <div>application/json</div>	No links

Code	Description	Links
	<div>Example ValueSchema</div> <div><pre>{ "error": "session_id query parameter is required" }</pre></div>	
404	<div>Not Found</div> <div>Media type</div> <div><div>application/json</div></div> <div>Example ValueSchema</div> <div><pre>{ "error": "Session not found" }</pre></div>	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	{ "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${userFunction.Arn}/invocations"}, "passthroughBehavior": "when_no_match", "httpMethod": "POST", "type": "aws_proxy" }

Admin

endpoints accessible by admins

^

GET

/admin/generate_presigned_url

Generate a presigned URL for uploading files

^

Parameters

Try it out

Name	Description
<div><div>category_id</div><div>* required</div></div>	ID of the category
<div>string</div> <div>(query)</div>	<div>category_id</div>

Name

document_type * required

string

(query)

Description

extension of the document

document_type

document_name * required

string

(query)

name of the document

document_name

Responses

Code	Description	Links
200	<div>Presigned URL generated successfully</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>{</div><div>"presignedurl": "string"</div><div>}</div></div></div>	No links
400	Bad Request	No links
401	Unauthorized	No links
429	Too Many Requests	No links
500	Internal Server Error	No links

Extensions

Field	Value
-------	-------

Field	Value
x-amazon-apigateway-integration	{"uri":{"Fn::Sub":"arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${GeneratePreSignedURLFunc.Arn}/invocations"},"passthroughBehavior":"when_no_match","httpMethod":"POST","type":"aws_proxy"}

DELETE

/admin/delete_file

Delete certain file

^

Parameters

Try it out

Name	Description
category_id * required	id of the category
string (query)	<input type="text" value="category_id"/>
document_type * required	Type of file (pdf or jpg)
string (query)	<input type="text" value="document_type"/>
document_name * required	Name of the file
string (query)	<input type="text" value="document_name"/>

Responses

Code	Description	Links
200	File deleted successfully	No links
400	Bad Request	No links
401	Unauthorized	No links
429	Too Many Requests	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	<pre>{ "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${DeleteDocumentFunc.Arn}/invocations"}, "passthroughBehavior": "when_no_match", "httpMethod": "POST", "type": "aws_proxy" }</pre>

DELETE /admin/delete_category Delete certain category



Parameters

Try it out

Name	Description
category_id * required string (query)	ID of the category <div>category_id</div>

Responses

Code	Description	Links
200	File deleted successfully	No links
400	Bad Request	No links
401	Unauthorized	No links
429	Too Many Requests	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	{"uri":{"Fn::Sub":"arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${DeleteCategoryFunc.Arn}/invocations"},"passthroughBehavior":"when_no_match","httpMethod":"POST","type":"aws_proxy"}

GET/admin/analyticsGet analytics data

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	Analytics data retrieved successfully	No links
400	Bad Request	No links
401	Unauthorized	No links
429	Too Many Requests	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	{"uri":{"Fn::Sub":"arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${adminFunction.Arn}/invocations"},"passthroughBehavior":"when_no_match","httpMethod":"POST","type":"aws_proxy"}

POST/admin/create_categoryCreate a new category

Adds a new category to the database with a unique ID, name, and number.

Parameters

Try it out

Name	Description
category_name * required string (query)	The name of the category to be created. <div>category_name</div>
category_number * required integer (query)	The number associated with the category. <div>category_number</div>

Responses

Code	Description	Links
201	Category created successfully <div>Media type<div>application/json</div>Controls Accept header.</div> <div>Example Value Schema<pre>{ "category_id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "category_name": "string", "category_number": 0}</pre></div>	No links
400	Bad Request - Missing parameters <div>Media type<div>application/json</div></div> <div>Example Value Schema<pre>{ "error": "string"</pre></div>	No links

Code

Description

Links

500

Internal Server Error

No links

Media type

application/json

Example Value

Schema

{
 "error": "string"
}

Extensions

Field

Value

x-amazon-apigateway-integration

{
 "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${adminFunction.Arn}/invocations"},
 "passthroughBehavior": "when_no_match",
 "httpMethod": "POST",
 "type": "aws_proxy"
}

GET

/admin/categories

Retrieve all categories

Fetches a list of all categories along with their names and associated numbers.

Parameters

Try it out

No parameters

Responses

Code

Description

Links

200

Categories retrieved successfully

No links

Media type

Code

Description

Links

application/json

Controls Accept header.

Example Value Schema

```
[
  {
    "category_id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "category_name": "string",
    "category_number": 0
  }
]
```

500 Internal Server Error

No links

Media type

application/json

Example Value Schema

```
{
  "error": "string"
}
```

Extensions

Field	Value
x-amazon-apigateway-integration	{ "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${adminFunction.Arn}/invocations"}, "passthroughBehavior": "when_no_match", "httpMethod": "POST", "type": "aws_proxy" }

PUT

/admin/edit_category

Edit an existing category

Parameters

Try it out

Name	Description
category_id * required	ID of the category to be edited
string (query)	<div>category_id</div>

Name

category_name * required

string

(query)

Description

New name of the category

category_name

category_number * required

integer

(query)

New number associated with the category

category_number

Responses

Code	Description	Links
200	Category updated successfully	No links
400	Missing required parameters	No links
404	Category not found	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	{"uri":{"Fn::Sub":"arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${adminFunction.Arn}/invocations"},"passthroughBehavior":"when_no_match","httpMethod":"POST","type":"aws_proxy"}

GET

/admin/files_within_category

Get files within a specific category

Parameters

Try it out

Name

Description

Name

Description

category_id * required

ID of the category for which files are requested

string

(query)

category_id

Responses

Code	Description	Links
200	Files retrieved successfully	No links
400	Bad Request	No links
401	Unauthorized	No links
429	Too Many Requests	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	{"uri":{"Fn::Sub":"arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${GetDocumentsFunction.Arn}/invocations"},"passthroughBehavior":"when_no_match","httpMethod":"POST","type":"aws_proxy"}

GET

/admin/conversation_history_preview

Get the 10 most recent message creation engagement types for each role

Parameters

Try it out

No parameters

15 of 23

2024-11-12, 3:45 p.m.

Responses		
Code	Description	Links
200	Recent message creations retrieved successfully	No links
400	Bad Request	No links
401	Unauthorized	No links
429	Too Many Requests	No links
500	Internal Server Error	No links
Extensions		
Field	Value	
x-amazon-apigateway-integration	{ "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${adminFunction.Arn}/invocations"}, "passthroughBehavior": "when_no_match", "httpMethod": "POST", "type": "aws_proxy" }	

GET

/admin/conversation_sessions

Get conversation sessions for a specific user role

⌵

Parameters

Try it out

Name	Description
user_role * required	The role of the user for which sessions are requested (public, educator, admin)
string (query)	<div>user_role</div>

Responses

Code	Description	Links
------	-------------	-------

Code	Description	Links
200	Successfully retrieved conversation sessions	No links
400	Bad Request	No links
401	Unauthorized	No links
429	Too Many Requests	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	<pre>{ "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${adminFunction.Arn}/invocations"}, "passthroughBehavior": "when_no_match", "httpMethod": "POST", "type": "aws_proxy" }</pre>

GET

/admin/conversation_messages

Get messages for a specific session

^

Parameters

Try it out

Name	Description
session_id * required string (query)	The ID of the session for which messages are requested <div>session_id</div>

Responses

Code	Description	Links
200	Successfully retrieved messages for the session	No links

Code	Description	Links
400	Bad Request	No links
401	Unauthorized	No links
429	Too Many Requests	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	{ "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${GetMessagesFunction.Arn}/invocations"}, "passthroughBehavior": "when_no_match", "httpMethod": "POST", "type": "aws_proxy" }

GET

/admin/latest_prompt

Get the latest prompt

⌵

Retrieves the most recent entry in the prompts table, including public, educator, and admin prompts.

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	Latest prompt retrieved successfully	No links

Media type

application/json

Controls Accept header.

Example Value

Schema

Code	Description	Links
	<pre>{ "public": "string", "educator": "string", "admin": "string", "time_created": "2024-11-12T23:44:19.814Z" }</pre>	
404	No prompts found	No links
500	Internal Server Error	No links
Extensions		
Field	Value	
x-amazon-apigateway-integration	{ "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${adminFunction.Arn}/invocations"}, "passthroughBehavior": "when_no_match", "httpMethod": "POST", "type": "aws_proxy" }	

GET

/admin/previous_prompts

Get all previous prompts

^

Retrieves all previous prompts excluding the most recent one, organized by public, educator, and admin roles, sorted by timestamp from most recent to oldest.

Parameters

Try it out

No parameters

Responses

Code	Description	Links
200	Previous prompts retrieved successfully	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	{"uri":{"Fn::Sub":"arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${adminFunction.Arn}/invocations"},"passthroughBehavior":"when_no_match","httpMethod":"POST","type":"aws_proxy"}

POST

/admin/insert_prompt

Insert a new prompt for a specific role

Parameters

Try it out

Name	Description
role * required	The role for which the prompt is to be inserted (public, educator, admin). Available values : public, educator, admin
string (query)	<div>public</div>

Request body required

application/json

Example Value

Schema

```
{  
  "prompt": "string"  
}
```

Responses

Code	Description	Links
201	Prompt inserted successfully	No links
400	Missing or invalid parameters	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	{ "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${adminFunction.Arn}/invocations"}, "passthroughBehavior": "when_no_match", "httpMethod": "POST", "type": "aws_proxy" }

PUT

/admin/update_metadata

Update or insert metadata for a document

^

Parameters

Try it out

Name	Description
<div><div>category_id</div><div><div>* required</div></div></div> <div><div>string(\$uuid)</div><div>(query)</div></div>	<div>The ID of the category.</div> <div><div>category_id</div></div>
<div><div>document_name</div><div><div>* required</div></div></div> <div><div>string</div><div>(query)</div></div>	<div>The name of the document.</div> <div><div>document_name</div></div>
<div><div>document_type</div><div><div>* required</div></div></div> <div><div>string</div><div>(query)</div></div>	<div>The type of the document.</div> <div><div>document_type</div></div>

Request body

required

application/json

Example Value

Schema

```
{
  "metadata": "string"
}
```

Responses

Code	Description	Links
200	Metadata updated successfully	No links
201	Document metadata added successfully	No links
400	Missing or invalid parameters	No links
500	Internal Server Error	No links

Extensions

Field	Value
x-amazon-apigateway-integration	{ "uri": {"Fn::Sub": "arn:aws:apigateway:\${AWS::Region}:lambda:path/2015-03-31/functions/\${GetMessagesFunction.Arn}/invocations"}, "passthroughBehavior": "when_no_match", "httpMethod": "GET", "type": "aws_proxy" }

default



OPTIONS /user/text_generation CORS support



OPTIONS /user/create_session CORS support



OPTIONS /user/create_feedback CORS support



OPTIONS /user/get_messages CORS support



OPTIONS /admin/generate_presigned_url CORS support



OPTIONS /admin/delete_file CORS support



OPTIONS /admin/delete_category CORS support



OPTIONS /admin/analytics CORS support



OPTIONS /admin/create_category CORS support



OPTIONS /admin/categories CORS support



OPTIONS /admin/edit_category CORS support



OPTIONS /admin/files_within_category CORS support



OPTIONS /admin/conversation_history_preview CORS support



OPTIONS /admin/conversation_sessions CORS support



OPTIONS /admin/conversation_messages CORS support



OPTIONS /admin/latest_prompt CORS support



OPTIONS /admin/previous_prompts CORS support



OPTIONS /admin/insert_prompt CORS support



OPTIONS /admin/update_metadata CORS support

