



# 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)

category\_id

**session\_id** \* required

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

string

(query)

session\_id

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><div>application/json</div></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	<pre>{   "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" }</pre>

**POST**    /user/create\_session    Create a session for a user



## Parameters

Try it out

Name

Description

user\_info

\* required

salted user info

string

(query)

user\_info

user\_role

\* required

role of the user

string

(query)

user\_role

Responses

Code	Description	Links
200	Session 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"}

POST

/user/create\_feedback

Create feedback for a user

Parameters

Try it out

Name		Description
<b>user_info</b> * required		salted user info
string		<div>user_info</div>
(query)		
<b>session_id</b> * required		id of the session
string		<div>session_id</div>
(query)		
<b>user_role</b> * required		role of the user
string		<div>user_role</div>
(query)		
<b>feedback_rating</b> * required		rating of the feedback
string		<div>feedback_rating</div>
(query)		
<b>feedback_description</b> * 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
<b>session_id</b> * 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		<div>Try it out</div>	
Name	Description		
<b>category_id</b> * required	ID of the category		
string (query)	<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
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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
<b>category_id</b> * required	id of the category
string (query)	<input type="text" value="category_id"/>
<b>document_type</b> * required	Type of file (pdf or jpg)
string (query)	<input type="text" value="document_type"/>
<b>document_name</b> * 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
<b>category_id</b> * 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
<b>category_name</b> * required string (query)	The name of the category to be created. <div>category_name</div>
<b>category_number</b> * 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
<b>category_id</b> * 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

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Parameters

Try it out

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

Responses

Code	Description	Links
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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
<b>session_id</b> * 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
<b>role</b> * 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" }

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