

API Specification document

Reporting API

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1. Introduction

In order to use project properly you need to do some steps

1. Download from GitHub and inside project folder run npm install to download dependencies
 2. Create a database in MySQL called reportingapidb
 3. Run first API to create tables and insert data http://localhost:3000/api/tables_seed
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2. Get user logins in a specific period

Method	URL
GET	http://localhost:3000/api/getLogins/username/ahmed/start/2022-01-19 10:56:52/end/2022-01-19 11:02:06

INPUT Parameters for the request URL:

Parameter	Type	Ex:
Username	String	Ahmed
Start	String	2022-01-19 10:56:52
End	String	2022-01-19 11:02:06

Output Parameters for the response Json:

Key name	Value	
Name	String	
Loggedin	String	
userLogs_id	String	
createdAt	String	Timestamp generated at insertion time
user_id	String	

3. Get the most active users

Method	URL
GET	http://localhost:3000/api/most_active_user

Output Parameters for the response Json:

Key name	Value	
User_id	String	
Name	String	
email	String	
number_of_login	Int	Number of logins counter

4. Get the most enrolled categories

Method	URL
GET	http://localhost:3000/api/most_enrolled_categores

Output Parameters for the response Json:

Key name	Value	
categoryName	String	
mostEnrolledCategories	int	Count of enrollment

5. Get a list of courses by the tag name

Method	URL
GET	http://localhost:3000/api/get_course_by_tag/es6

INPUT Parameters for the request URL:

Parameter	Type	Ex:
Tag	String	Es6 or css or web

Output Parameters for the response Json:

Key name	Value	
Id	String	
name	String	