# API for Zenrays

# Getting all the course name at the dashboard page.

URL : <http://localhost:3000/courseInfo>

**Response** : [{"\_id":"5b12c92ed269bc7ec8b3fbc8","course\_id":"1","course\_name":"JAVA","course\_description":"JAVA 8 Features"},{"\_id":"5b12c948d269bc7ec8b3fbca","course\_id":"2","course\_name":"PYTHON","course\_description":"PYTHON Features"},{"\_id":"5b12c95cd269bc7ec8b3fbce","course\_id":"3","course\_name":"JAVASCRIPT","course\_description":"JAVASCRIPT Features"},{"\_id":"5b12c966d269bc7ec8b3fbd0","course\_id":"4","course\_name":"ANGULARJS","course\_description":"ANGULARJS Features"}]

**Description**:

When the screen opens this API will be called and it will get us list of all the courses available.

# Getting the topic names based on the course selected.

URL : <http://localhost:3000/topicInfo/JAVA>

Response :

[

{

"\_id": "5b13d61fd269bc7ec8b401ea",

"topic\_id": "1",

"topic\_name": "OOPS",

"topic\_info": "Basic OOPS concepts",

"course\_id": "1",

"course\_name": "JAVA"

},

{

"\_id": "5b13d654d269bc7ec8b40202",

"topic\_id": "2",

"topic\_name": "Exception Handling",

"topic\_info": "How to handle exceptions",

"course\_id": "1",

"course\_name": "JAVA"

},

{

"\_id": "5b13d675d269bc7ec8b4020c",

"topic\_id": "3",

"topic\_name": "Collections",

"topic\_info": "How to work with collections",

"course\_id": "1",

"course\_name": "JAVA"

},

{

"\_id": "5b13d692d269bc7ec8b40218",

"topic\_id": "4",

"topic\_name": "Thread",

"topic\_info": "How to work with Threads",

"course\_id": "1",

"course\_name": "JAVA"

}

]

Now if we want to get the topics for Angular js we just need to change the parameter in the link.

URL : <http://localhost:3000/topicInfo/ANGULARJS>

Response:

[

{

"\_id": "5b13d6e3d269bc7ec8b40232",

"topic\_id": "5",

"topic\_name": "Providers",

"topic\_info": "What are providers",

"course\_id": "4",

"course\_name": "ANGULARJS"

},

{

"\_id": "5b13d707d269bc7ec8b4023f",

"topic\_id": "6",

"topic\_name": "Directives",

"topic\_info": "What are directives and how they work",

"course\_id": "4",

"course\_name": "ANGULARJS"

},

{

"\_id": "5b13d732d269bc7ec8b40250",

"topic\_id": "7",

"topic\_name": "Testing with Angularjs",

"topic\_info": "What are methids to test Angular js",

"course\_id": "4",

"course\_name": "ANGULARJS"

},

{

"\_id": "5b13d757d269bc7ec8b4025b",

"topic\_id": "8",

"topic\_name": "features of Angular js",

"topic\_info": "What are features of Angular js",

"course\_id": "4",

"course\_name": "ANGULARJS"

}

]

Description :

When the course name will be sent along with the topicInfo then related to that course topics will be fetched for that particular topic.

# Getting subtopics based on the topic and course.

URL : <http://localhost:3000/subTopicInfo/JAVA/OOPS>

Response :

[

{

"\_id": "5b13d7f2d269bc7ec8b4028c",

"sub\_topic\_id": "1",

"sub\_topic\_name": "Polymorphism",

"topic\_id": "1",

"topic\_name": "OOPS",

"course\_id": "1",

"course\_name": "JAVA"

},

{

"\_id": "5b13d812d269bc7ec8b4029e",

"sub\_topic\_id": "2",

"sub\_topic\_name": "Abstraction",

"topic\_id": "1",

"topic\_name": "OOPS",

"course\_id": "1",

"course\_name": "JAVA"

},

{

"\_id": "5b13d826d269bc7ec8b402a8",

"sub\_topic\_id": "3",

"sub\_topic\_name": "Encapsulation",

"topic\_id": "1",

"topic\_name": "OOPS",

"course\_id": "1",

"course\_name": "JAVA"

},

{

"\_id": "5b13d836d269bc7ec8b402af",

"sub\_topic\_id": "1",

"sub\_topic\_name": "Inheritance",

"topic\_id": "1",

"topic\_name": "OOPS",

"course\_id": "1",

"course\_name": "JAVA"

}

]

Description :

When we want to get the list of subtopics based on the selected topic and course then we can get the list of subtopics.

# Get the video on the click of the subtopic

URL : <http://localhost:3000/vidioInfo/JAVA/OOPS/Polymorphism>

Response :

[

{

"\_id": "5b13d99dd269bc7ec8b40330",

"video\_id": "1",

"video\_name": "Polymorphism",

"video\_type": "video/mp4",

"video\_path": "../server/JAVA/OOPS/Polymorphism",

"sub\_topic\_id": "1",

"sub\_topic\_name": "Polymorphism",

"topic\_id": "1",

"topic\_name": "OOPS",

"course\_id": "1",

"course\_name": "JAVA"

}

]

URL : <http://localhost:3000/vidioInfo/JAVA/OOPS/Encapsulation>

Response:

[

{

"\_id": "5b13d9c3d269bc7ec8b40342",

"video\_id": "2",

"video\_name": "Encapsulation",

"video\_type": "video/mp4",

"video\_path": "../server/JAVA/OOPS/Encapsulation",

"sub\_topic\_id": "3",

"sub\_topic\_name": "Encapsulation",

"topic\_id": "1",

"topic\_name": "OOPS",

"course\_id": "1",

"course\_name": "JAVA"

}

]

Description :

On the click of the subtopic the video for that particular sub topic will be shown on the screen.