**Database Structure:**

users:

{

"id": 1 ,

"first\_name" : "Marios",

"last\_name" : "Pafitis",

"password" : "1234",

"account\_type" : "student",

quizes:[

{

"id": 1,

"grade": 80

“answers”: [

{

“id”: 1

“answer”: “first answer of user”

},

{

“id”: 2

“answer”: “second answer of user”

},

]

}

],

lectures:[

{“id”: 1},

{“id”: 2}

]}

quizzes:

{

"id": 1 ,

"subject" : "Differential",

exercises:[

{

“id”: 1

"question": "first question",

"answer": "first answer"

},

{

“id”: 2

"question": "second question",

"answer": "second answer"

}

]}

lectures:

{

"id": 1 ,

"subject": "Differential",

description: "The differential is a system of the car …..",

exercises:[

{

"img\_path": "images/differential/img\_0.jpg",

"label": "component1"

}

]}

**Functionalities:**

1. Register – Login – Logout
2. Learn Tab (get the data of a lecture and present it)
3. Quiz Tab (get question and submit answers and grade)