

Institute of Technology of Cambodia

Departments of Information and Communication Engineering



TP-07: JavaScript (VueJS, NodeJS)

TP: Internet Programming

Professor: HOK TIN

Student: SDEUNG VIRAKNON

Group: I4-GIC-C

ID: e20190961

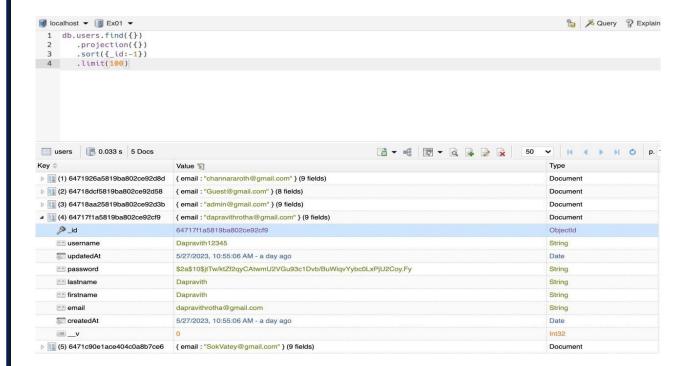
2023 - 2024

Contents

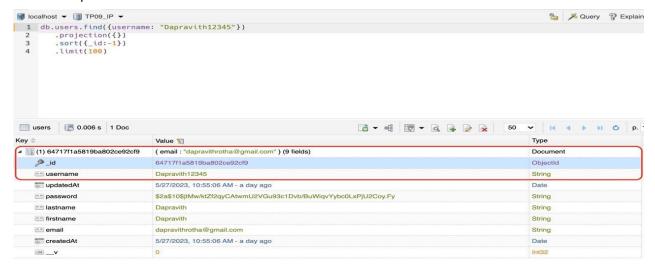
TP09.1: Mongoose	.3
TP09.2: NodeJS (Authentication Implementation)	. 4
, and a control of the control of th	-
TP09.3: NodeJS (Token, Cookie)	

TP09.1: Mongoose

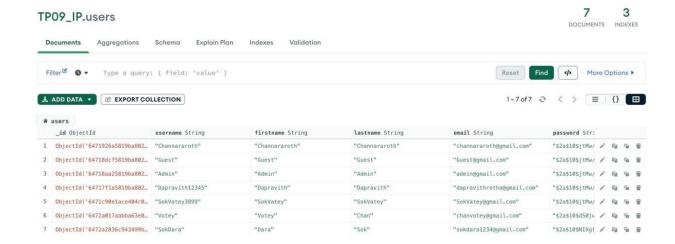
For the previous authentication APIs, replace your user.json storage by a NoSql database, mongoose



- Find specific username



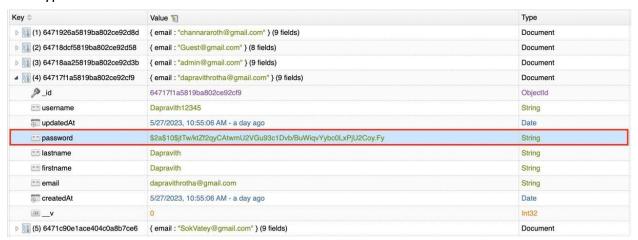
- List data in MongoDB



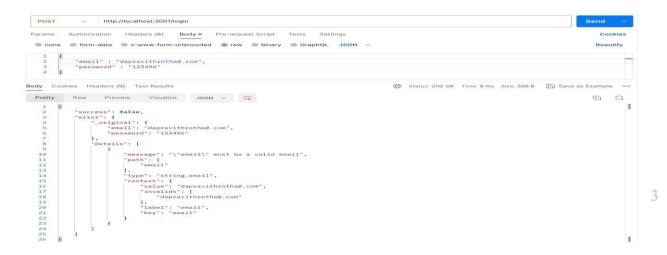
TP09.2: NodeJS (Authentication Implementation)

Ex2: Implement the authentication with the password encryption and request validation middleware.

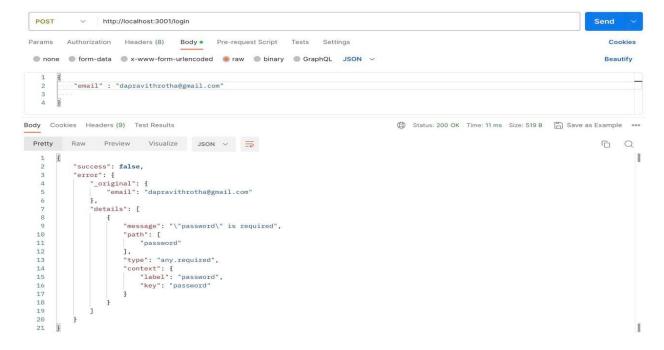
- Result of Ex02:
- Encrypted user accounts



- Request valid Email



- Request valid Password



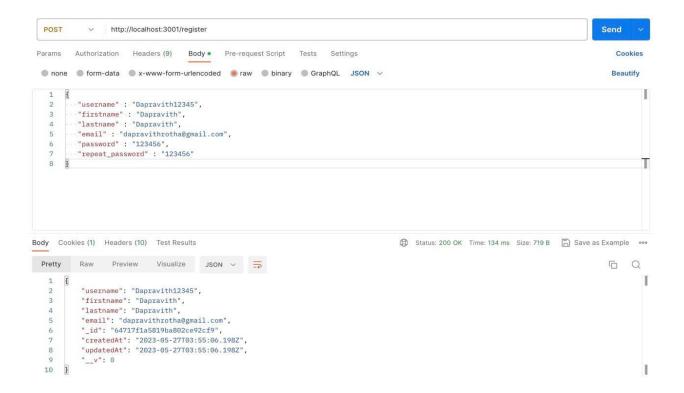
TP09.3: NodeJS (Token, Cookie)

Ex3: Create a token of an authenticated user and store it in the cookie for ensuring the authorized user.

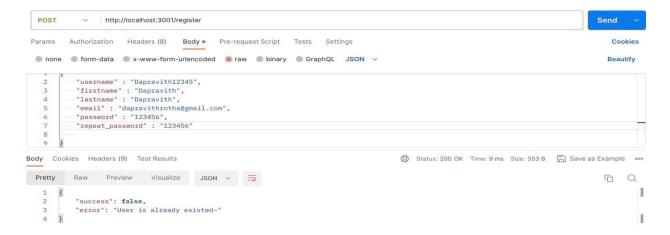
The token validation method must be a middleware function.

Result of Ex3:

-Register User Account



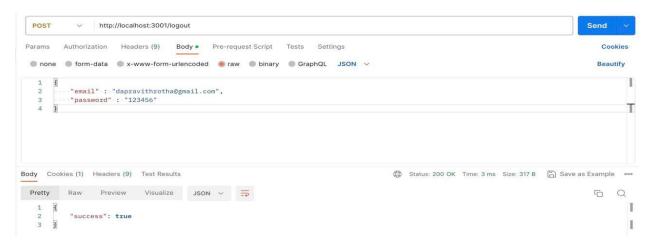
- Register user account if user already existed



- login to user account just input _id:

```
http://localhost:3001/user/64717f1a5819ba802ce92cf9
                                                                                                                                      Send
Params Authorization Headers (7) Body Pre-request Script Tests Settings
                                                                                                                                         Cookies
 Beautify
Body Cookies (1) Headers (10) Test Results
                                                                                       Status: 200 OK Time: 16 ms Size: 743 B 🖺 Save as Example 👓
          Raw Preview Visualize JSON V 👼
 Pretty
                                                                                                                                        6 Q
   1
           "success": true,
           "data": {
               "_id": "64717f1a5819ba802ce92cf9",
               "username": "Dapravith12345",
"firstname": "Dapravith",
"lastname": "Dapravith",
               "email": "dapravithrotha@gmail.com",
              "createdAt": "2023-05-27T03:55:06.198Z", 
"updatedAt": "2023-05-27T03:55:06.198Z",
  10
               "__v": 0
  11
  12
```

- login already signed in



Institute of Technology of Cambodia

ITC

TP09

- Re-Logout

