You must submit it by 26 December 2023

Problem sets 1

Create an api with the following details

Endpoint: /support/create_ ticket
Method: POST
Content-type: JSON
Payload: {
  userID: <String>
  date: <DateTime>,
  deviceID: <String>,
  queryText: <String>
}

Case 1: If the last request was more than 30 minutes ago, then save the record in DB and send the following response

Response code: 200,
Response data : {"data":{"_id":"<mongodb_id_for_the_document>"}}

Case 2: If the last request was less or equal than 30 minutes ago, then send the following response

Response code: 409,
Response data : {"message":"You have already placed a support ticket. Please wait at least one hour before sending another request"}

Problem sets 2

1. Create a signup page with the following fields
   Email
   FirstName
   Last Name
   Mobile Number
   Password

2. Once the user signs up, Do the following
   ● Save the record in DB
   ● Email the user with an activation link
   ● User won't be able to login unless he activates his account

3. If a user clicks the link in the email, then activate the account.
4. Users should be able to login now using their ID and password.
5. After login show some random text.

Stacks

1. Use vue.js
2. Express.js for creating the API in node.js
3. An email client (mandrill or sendgrid which you prefer)
4. MongoDB to store the data.

Important Notes:

1. Please note that if you are having problems using an email client, you can skip that part. But it should activate the account if someone copy-paste the link in the browser. So you might show the link to the user so that it becomes easy to copy and paste it in the browser.

2. It is not required to complete all the tasks. Do as many as you can. But make sure you complete the tasks you picked. It is better to finish fewer tasks than having more unfinished tasks :)