

Backend Exercise

Intro

The purpose of this exercise is to create a express API app with 3 routes:

```
/register  
/login  
/stats
```

Models:

The app should have the following models:

Users

```
{  
  email: String,  
  password: String  
}
```

Logins

```
{  
  customer_id: ObjectId,  
  date: date  
}
```

Business logic:

Register route:

The user sends the email and password to the API, the API should make sure this email does not exist on the database, if it does - return an error, if it doesn't - create the user.

Login route:

The user sends the credentials to the API, if the credentials are correct - use JWT to create a login token for the user.

Every time the user logs in a new “Logins” document is created with the date of logins.

Stats route:

When sending requests to this route you will need to check for Bearer auth header, which will contain the JWT token, this token must be validated to proceed.

If the authentication token is valid use a single query to return the following information:

- Overall number of logins in the system
- Overall number of logins for this customer
- Number of total logins in the last week
- Customer details

Requirements:

All requests and responses should be sent in JSON format.

Database should be mongodb.