

API Documentation for Evangadi Forum

Authentication Middleware

Endpoint: `/api/user/checkUser`

Method: `GET`

Description: Checks the current authenticated user's information.

Request Headers

- **Authorization:** Bearer token

Successful Response

Status Code: `200 OK`

Content-Type: `application/json`

```
{
  "message": "Valid user",
  "username": "Kebede",
  "userid": "123"
}
```

Error Responses

Status Code: `401 Unauthorized`

Description: Authentication credentials were missing or incorrect.

```
{
  "error": "Unauthorized",
  "message": "Authentication invalid"
}
```

Sign-up

Endpoint: /api/user/register

Method: POST

Description: Registers a new user.

Request Body

- `username` (string): The username of the user.
- `first_name` (string): The first name of the user.
- `last_name` (string): The last name of the user.
- `email` (string): The email of the user.
- `password` (string): The password of the user.

Successful Response

Status Code: 201 Created

Content-Type: application/json

```
{  
  "message": "User registered successfully"  
}
```

Error Responses

Status Code: 400 Bad Request

Description: Missing or invalid fields.

```
{  
  "error": "Bad Request",  
  "message": "Please provide all required fields"  
}
```

Status Code: 400 Bad Request

Description: Missing or invalid fields.

```
{  
  "error": "Bad Request",  
  "message": "Password must be at least 8 characters"  
}
```

Status Code: 409 Conflict

Description: A user with the provided username or email already exists.

```
{  
  "error": "Conflict",  
  "message": "User already existed"  
}
```

Status Code: 500 Internal Server Error

Description:An unexpected error occurred.

```
{  
  "error": "Internal Server Error",  
  "message": "An unexpected error occurred."  
}
```

Login

Endpoint: /api/user/login

Method: POST

Description: Authenticates a user and returns a JWT token.

Request Body

- **email**(string): The email of the user.
- **password** (string): The password of the user.

Successful Response

Status Code: 200 OK

Content-Type: application/json

```
{
  "message": "User login successful",
  "token": "jwt_token"
}
```

Error Responses

Status Code: 401 Unauthorized

Description: Invalid credentials.

```
{
  "error": "Unauthorized",
  "message": "Invalid username or password"
}
```

Status Code: 400 Bad Request

Description: Missing or invalid fields.

```
{
  "error": "Bad Request",
  "message": "Please provide all required fields"
}
```

Status Code: 500 Internal Server Error

Description:An unexpected error occurred.

```
{  
  "error": "Internal Server Error",  
  "message": "An unexpected error occurred."  
}
```

Get Answers for a Question

Endpoint: `api/answer/:question_id`

Method: `GET`

Description: Retrieves answers for a specific question.

URL Parameters

- `question_id` (integer): The unique identifier of the question.

Successful Response

Status Code: `200 OK`

Content-Type: `application/json`

```
{
  "answers": [
    {
      "answer_id": 1,
      "content": "This is an answer.",
      "user_name": 'Abebe',
      "created_at": "2023-06-30T12:00:00Z"
    },
    {
      "answer_id": 2,
      "content": "This is another answer.",
      "user_name": 'Almaz',
      "created_at": "2023-06-30T13:00:00Z"
    }
  ]
}
```

Error Responses

Status Code: `404 Not Found`

Description: The specified question was not found.

```
{
  "error": "Not Found",
  "message": "The requested question could not be found."
}
```

Status Code: 500 Internal Server Error

Description: An unexpected error occurred.

```
{  
  "error": "Internal Server Error",  
  "message": "An unexpected error occurred."  
}
```

Post Answers for a Question

Endpoint: `api/answer`

Method: `POST`

Description: Submits an answer for a specific question.

Request Body

- `questionid` (number): The id for a specific question.
- `answer` (string): The answer for a specific question.

Successful Response

Status Code: `201 Created`

Content-Type: `application/json`

```
{
  "message": "Answer posted successfully"
}
```

Error Responses

Status Code: `400 Bad Request`

Description: Missing or invalid fields.

```
{
  "error": "Bad Request",
  "message": "Please provide answer"
}
```

Status Code: `500 Internal Server Error`

Description: An unexpected error occurred.

```
{
  "error": "Internal Server Error",
  "message": "An unexpected error occurred."
}
```


Get All Questions

Endpoint: `api/question`

Method: `GET`

Description: Fetches all questions.

Successful Response

Status Code: `200 OK`

Content-Type: `application/json`

json

Copy code

```
{
  "questions": [
    {
      "question_id": 1,
      "title": "First Question",
      "content": "This is the first question.",
      "user_name": 'Sisay',
      "created_at": "2023-06-30T12:00:00Z"
    },
    {
      "question_id": 2,
      "title": "Second Question",
      "content": "This is the second question.",
      "user_name": 'Sara',
      "created_at": "2023-06-30T13:00:00Z"
    }
  ]
}
```

Error Responses

Status Code: `404 Not Found`

Description: No questions found.

```
{
  "error": "Not Found",
  "message": "No questions found."}
```

Status Code: 500 Internal Server Error

Description: An unexpected error occurred.

```
{  
  "error": "Internal Server Error",  
  "message": "An unexpected error occurred."  
}
```

Get Single Question

Endpoint: `api/question/:question_id`

Method: `GET`

Description: Retrieves details of a specific question.

URL Parameters

- `question_id` (integer): The unique identifier of the question.

Successful Response

Status Code: `200 OK`

Content-Type: `application/json`

```
{
  "question": {
    "question_id": 1,
    "title": "First Question",
    "content": "This is the first question.",
    "user_id": 123,
    "created_at": "2023-06-30T12:00:00Z"
  }
}
```

Error Responses

Status Code: `404 Not Found`

Description: The specified question was not found.

```
{
  "error": "Not Found",
  "message": "The requested question could not be found."
}
```

Status Code: `500 Internal Server Error`

Description: An unexpected error occurred.

```
{
  "error": "Internal Server Error",
}
```

```
"message": "An unexpected error occurred."  
}
```

Post Question

Endpoint: `api/question`

Method: `POST`

Description: Creates a new question.

Request Body

- `title` (string): The title of the question.
- `description` (string): The description of the question.

Successful Response

Status Code: `201 Created`

Content-Type: `application/json`

```
{
  "message": "Question created successfully"
}
```

Error Responses

Status Code: `400 Bad Request`

Description: Missing or invalid fields.

json

Copy code

```
{
  "error": "Bad Request",
  "message": "Please provide all required fields"
}
```

Status Code: `500 Internal Server Error`

Description: An unexpected error occurred.

```
{
  "error": "Internal Server Error",
  "message": "An unexpected error occurred."
}
```