Animimic Web project

Mongodb, Node JS/Express JS

**API Details:**

1. **For new user registration:**

POST <https://animimic.onrender.com/api/register>

1. **For user login:**

POST <https://animimic.onrender.com/api/login>

Login will be based on username and password. On successful login, a token will be returned to the front-end in API response. The token has to be used in all future API calls except login and register APIs. The mongo db autogenerated userid will be returned along with token in the response.

1. **For User details update**

PUT <https://animimic.onrender.com/api/update>

Email is mandatory to identify the user in database table. Name, Mobile, Security Question(secquestion) and Security Answer(secanswer) fields can be updated through the update api call.

1. **For Password reset**

POST <https://animimic.onrender.com/api/reset>

The secanswer is mandatory field to validate before updating the new password for the user. Secanswer can be any one of the 3 security answers set by the user earlier. Email and Secuanswer are the required parameters for password reset.

Sample input for password reset:

{

"email":"test20@example.com",

"password":"testpassword20",

"secanswer": "secanswer"

}

1. **For updating a blog:**

<https://animimic.onrender.com/api/updateblog>

Please use the Blogs schema given by Niharika to update the blog. The commented ‘usercomments’ section of the Blogs schema can also be used instead of ‘comments’ field.

Sample input for updating a blog

{

    "blog\_id": "672e401902e529870a894b9d",

    "title": "test2.2",

    "banner": "test2.3",

    "des": "test2.1",

    "content": "test2.1",

    "tags": "test2.1",

    "author": "6703f19ddab5de393f4252f7",

    "activity": {

      "total\_likes": "test",

      "total\_comments": "2",

      "total\_reads": "2",

      "total\_parent\_comments": "2"

    },

    "comments": "672e32f31f33e599710e1d01",

    "usercomments":[

        {"comment": "mycomment", "email": "MMS@gmail.com", "user": "672dc8c63d50739365b6bde6" },

         {"comment": "mycomment2", "email": "MMS2@gmail.com", "user": "672dc8c63d50739365b6bde6" }

    ],

    "draft": "true"

  }

1. **For Deleting a blog:**

<https://animimic.onrender.com/api/deleteblog>

Sample input for delete blog api call is:

{

    "id":"672e32f31f33e599710e1d01"

}

Note: The updateblog and deleteblog APIs would work along with Niharika’s APIs to create a blog and retrieve blogs, because both of us have used the same Schema suggested by Niharika.

1. **For getting a blog by Author and blog\_id**

<https://animimic.onrender.com/api/getblog>

sample input to get blogs by Author

{

"author": "6703f19ddab5de393f4252f7"

}

Sample input to get blogs by Author and banner

{

" banner ": "test53",

"author": "6703f19ddab5de393f4252f7"

}

Sample input to get blogs by Banner

{

"banner": "test2.3"

}

1. **For getting all blogs**

https://animimic.onrender.com/api/allblogs

Sample input to get all blogs

{}

1. **For blog creation**

https://animimic.onrender.com/api/blog

Sample input to create blog

{

    "blog\_id": "test55",

    "title": "test444",

    "banner": "test54",

    "des": "test",

    "content": "test",

    "tags": "test",

    "author": "6703f19ddab5de393f4252f7",

    "activity": {

      "total\_likes": "0",

      "total\_comments": "0",

      "total\_reads": "0",

      "total\_parent\_comments": "0"

    },

    "comments": "6703f19ddab5de393f4252f7",

    "draft": "true"

  }

User data model for register, login, reset password and update profile details:

const userSchema = new mongoose.Schema({

  name: String,

  mobile: String,

  username: {

    type: String,

    //required: true,

    unique: true

  },

  email: {

    type: String,

    //required: true,

    unique: true

  },

  password: String,

  photolink: String,

  secquestion1: String,

  secanswer1: String,

// 2 additional security question and answer fields are added based on suggestion from Indu

  Secquestion2: String,

  Secanswer2: String,

  Secquestion3: String,

  Secanswer3: String

});

Use Schema has been updated as given below based on suggestion from Niharika:

const userSchema = mongoose.Schema({

  name: String,

  mobile: String,

  username: {

    type: String,

    //required: true,

    unique: true

  },

  email: {

    type: String,

    //required: true,

    unique: true

  },

  password: String,

  secquestion1: String,

  secanswer1: String,

  secquestion2: String,

  secanswer2: String,

  secquestion3: String,

  secanswer3: String,

  photolink: String,

  account\_info:{

    total\_posts: {

        type: Number,

        default: 0

    },

    total\_reads: {

        type: Number,

        default: 0

    },

},

blogs: {

    type: [ Schema.Types.ObjectId ],

    ref: 'blogs',

    default: [],

},

});

module.exports = mongoose.model('User', userSchema);

The Blogs schema has been created as shown below based on suggestion from Niharika:

const mongoose = require("mongoose");

const { Schema } = mongoose;

const blogSchema = mongoose.Schema({

    blog\_id: {

        type: String,

        required: true,

        unique: true,

    },

    title: {

        type: String,

        required: true,

    },

    banner: {

        type: String,

        // required: true,

    },

    des: {

        type: String,

        maxlength: 200,

        // required: true

    },

    content: {

        type: [],

        // required: true

    },

    tags: {

        type: [String],

        // required: true

    },

    author: {

        type: Schema.Types.ObjectId,

        required: true,

        ref: 'users'

    },

    activity: {

        total\_likes: {

            type: Number,

            default: 0

        },

        total\_comments: {

            type: Number,

            default: 0

        },

        total\_reads: {

            type: Number,

            default: 0

        },

        total\_parent\_comments: {

            type: Number,

            default: 0

        },

    },

    comments: {

        type: [Schema.Types.ObjectId],

        ref: 'comments'

    },

 /\*   usercomments: {

        type: [],

        comment: String,

        email: String,

        user:Schema.Types.ObjectId,

    }, \*/

    draft: {

        type: Boolean,

        default: false

    }

},

{

    timestamps: {

        createdAt: 'publishedAt'

    }

})

module.exports = mongoose.model("Blogs", blogSchema);