API Specification Doc

Version	Date	Author	Description
1.0	07/04/2023	Sudheesh M	Initial draft

USER

1. User Sign Up

Here user can register details and create login

Method	URL
POST	/api/user/new

Request

Parameter Name	Description	Type & Length
Name	Name of the user	String
Email	User email	Email
Password	User can add password	Password

Response

Parameter Name	Description
200	'User registered successfully'
user	Registered user details

2. User Login

Here users can sign in with registered email and password

Method	URL
POST	/api/user/login

Request

Parameter Name	Description	Type & Length
Email ID	User have an email	email
Password	User have a password	password

Response

Parameter Name	Description
200	'Logged in successfully
token	JWT token
user	Registered user details

3. Add Todo

Here user can add to-do tasks

Method	URL
POST	/api/todo/new

Request

Parameter Name	Description	Type & Length
text	Enter the task	String
priority	Add priority of task (1-9)	Number
status	Status of the task (Pending/Completed/Cancelled)	String

Response

Parameter Name	Description
200	'Todo created successfully'

4. Update Todo Status

Here user can update the to-do task status

Method	URL
PUT	/api/todo/status

Request

Parameter Name	Description	Type & Length
todoId	Enter the todo Id	ObjectId
status	Enter the status (Completed, Cancelled)	String

Response

Parameter Name	Description
200	'Todo status updated successfully'

5. Listing All Todos

Here user can the list of to-do tasks

Method	URL
GET	/api/todo/get-all

Response

Parameter Name	Description
200	'Ok'
todos	Array of todos

6. Todo Count

User can get the count of to-dos by different status

Method	URL
GET	/api/todo/count

Response

Parameter Name	Description
200	'Ok'
pending	Count of pending task
completed	Count of completed task
cancelled	Count of cancelled task

7. Todo listing by status

User can see the list of sorted to-dos according to status

Method	URL
GET	/api/todo/list-by-status

Response

Parameter Name	Description
200	'Ok'
pending	Pending task list
completed	Completed task list
cancelled	Cancelled task list

8. Delete Todo

User can delete a todo

Method	URL
DELETE	/api/todo/delete/:id

Params

Parameter Name	Description	Type & Length
id	Enter the todo Id	ObjectId

Response

Parameter Name	Description
200	'Todo deleted successfully'