

TASKS API

Create REST API that allows users to manage their Tasks.
Tasks can be organized into categories for easier management.
API should allow **user authentication** through basic HTTP authentication (username and password).

Entities

- Basic user info (name, Email , password) should be stored in the database.
- Users own multiple categories that can be named.
- Categories contain multiple tasks.
- Tasks can be shared (visible to all users and unauthenticated viewers) or private (visible only to the creator).
- Tasks can be of 2 different types
 - Text task - has text body
 - List Task - has list items that contain text body.

API

- Should support CRUD actions for all categories
- Should support CRUD actions for all Tasks
- Implement at least 2 out of 3
 - Pagination
 - Filtering
 - By Category Name
 - By task shared option (Public/Private)
 - Sorting
 - By Category Name
 - By task shared option (Public/Private)

You can use any programming language/framework for REST API.
All data should be saved in database of your choice.
No frontend is needed, only API.
