Task:

Build a Laravel application that serves as a RESTful API for managing a Todo List. The API should support CRUD operations for tasks.

\*\*Requirements:\*\*

1. \*\*Task Model:\*\*

- Create a `Task` model with the following attributes: `id`, `title`, `description`, `completed`, `created\_at`, and `updated\_at`.

2. \*\*API Endpoints:\*\*

- Implement the following RESTful API endpoints:

- `GET /api/tasks`: Retrieve a list of all tasks.

- `GET /api/tasks/{id}`: Retrieve a specific task by ID.

- `POST /api/tasks`: Create a new task.

- `PUT /api/tasks/{id}`: Update an existing task.

- `DELETE /api/tasks/{id}`: Delete a task.

3. \*\*Validation and Error Handling:\*\*

- Implement proper validation for creating and updating tasks.

- Handle errors gracefully and provide meaningful error messages.

4. \*\*Authentication:\*\*

- Implement a simple API token-based authentication system. Only authenticated users should be able to create, update, and delete tasks.

5. \*\*Additional Feature (Optional):\*\*

- Implement a filter parameter in the `GET /api/tasks` endpoint to allow users to filter tasks based on their completion status (e.g., completed tasks, incomplete tasks).

\*\*Submission:\*\*

Share the code repository (GitHub, GitLab, etc.) containing the source code of the application along with a README file explaining how to set up and test the API. Additionally, you can include any thoughts or considerations about implementation.