💡 Course Project – Simple TODO App

📝 Project Summary:

As mentioned in the title, the requested project is a simple **TODO App** but we will make it a little bit tricky with more functionalities and more features, let's have a look at the main features ;)

⭐ Core Features:

- User can create an account with name, email and password.

- User can login to see his/her **TODOs** and the date every **TODO** was created on.

- User can add new **TODO** to his/her existing **TODOs.**

- User can update an existed **TODO.**

- User can delete any **TODO.**

🌟 Bonus Features:

- User can see his/her TODOs grouped by the day or the month TODOs were created on.

- User can make a group of TODOs inside one TODO that are related to each other so that he/she can track the finished and unfinished related tasks easily.

👨‍💻 Technology/Stack:

You are totally free to use between three main technologies **Nodejs(Javascript/TypeScript), .Net Core (C#),** or **Django/Flask (Python)** to build your backend server **but you must use MongoDB as your database.**

✅ Acceptance Criteria:

1. Implementing all **the core features** as **an API** or **a front end application and consuming the developed API on it.**

2. **Making sure** that all the **functionalities are working fine** as mentioned in the requirements down below.

🔔 Requirements (Technical):

– **Implementing authentication feature** which users can use to **signup** as a new user or **login** as an existing user.

– **Implementing CRUD operations** with the requirements:
   1. User can see his/her TODOs **with the date each TODO was created on.**

   2. User can delete any TODO finished or not finished.

   3. User can modify each TODO and **the date should change to be the date the user modified the TODO on.**

   4. User should add new TODO to the list.

For the Bonus Features:

1. Implementing **Read operation** which user can use to get his/her TODOs for **a specific passed month or day.** (You can just decide which the user chooses day or month by another attribute will be passed with the API request.)

2. **User can create** a **group** and then add any new TODO to this group. (If you will work on this feature try to make it at the beginning)

The hard part is done, let's see what will you get if you implement this project.

⬇️

🎉 Evaluation and Prize

We will follow a specific criteria to evaluate this project with a simple points system!

Features	Weights
Creating the project as an API and implementing the core feature only.	50 Points.
Creating the project as an API, implementing the core feature, and implementing a UI for the app.	100 Points.
Implementing any of the bonus features.	+ 20 Points to your score for each feature (+ 40 for both).
Hosting the app on any free hosting servers.	+ 60 Points to your score.
Using git, uploading the project on Github, and using micro commits.	+ 50 Points to your score.

📅 **Project due date:** **One month**, counts from the last day of the course!

🏆 Prize

The winner will get one of the Udemy courses for free, the choice is totally up to the winner, choose and I will send it to you!

Waiting for your awesome work!

Thanks!