

Thought note for back-end module assignment 3:

I am glad to share that I have completed my back-end module assignment 3. After completing the assignment, I have got a better understanding of how to connect database with the server and use it to store and retrieve data. I have also learned about different types of database.

Folder description:

Folder structure is same as it was in the previous assignment. The submitted folder contains 2 separate folders for front-end and back-end.

1. **Back-end:** This folder contains all the necessary files for the server to run, which will be used to store and retrieve the data from the **database(mysql)**.
2. **Front-end:** This folder contains another folder named **"to-do-app"** which contains the front-end for the application.

Working:

For the application to run properly, **mysql** should be running prior to the application itself. Below are the step to run the app:

1. Start **mysql** database using **XAMPP** and create a database named **"todo_app_db"**. User don't need to create a table as the server code will do it automatically.
2. Now run the server code using **"node index.js"** command.
3. After successfully running the server, launch the application using **"npm start"** command in another terminal.
4. The application is now running properly and is ready to use.

Extras:

Instead of using a simple 'x' for delete button, I have used a **'trash icon'** from **font-awesome** and added **bootstrap** classes to make it look better. Rest of the application is same as it was in the previous assignment.

Conclusion:

I have tried my level best to make the application as described in the problem statement PDF. I have also added some extra features and changed the styling of the application's UI to make it look appealing.

Thank you,
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