



Qtec Solution Limited

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Task: Todo List App

Description:

Your task is to create a simple Todo List application using React (reactjs/NextJS). The application should allow users to add, edit, and delete tasks. Additionally, tasks should have a status (completed or incomplete). Each task will also have a priority (low/ medium/ high). Each priority will have its own color which will indicate the task's priority in the tasklist. The application should display tasks in an organized manner and provide basic functionality to manage them.

Requirements:

Task List Display:

- Display a list of tasks with their respective status (completed or not completed).
- Each task should have options to mark as completed or delete.
- Include a counter for total tasks and completed tasks.

Task Management:

- Implement the ability to add a new task.
- Implement the ability to edit an existing task.
- Implement the ability to mark a task as completed.
- Implement the ability to delete a task.

Styling:

- Style the application for a clean and user-friendly interface using HTML and CSS.
- You can use a CSS framework like Bootstrap if you prefer.

State Management:

- Utilize React hooks (e.g., useState, useEffect) as needed.
- Use any React state management tool to manage the application's data (if needed).

Bonus:



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- Implement local storage to persist tasks even if the user refreshes the page.

Special Challenge:

- Include a basic filtering system based on Priority.
- Feel free to include any additional features or improvements you think would enhance the usability of the Todo List app. Good luck!

Technical Considerations:

- Use functional components.
- Utilize React hooks for state management.
- Pay attention to code structure and organization.
- Ensure the application is responsive.

Evaluation Criteria:

Your submission will be evaluated based on the following criteria:

- Correctness of functionality.
- Code clarity and organization.
- Proper use of React hooks and state management.
- Responsive design.
- Styling and user interface.

Submission:

- Keep your project in a public GitHub repository from the initial setup.
 - Share the GitHub URL with us in the email for evaluation.
 - Provide a readme file containing an overview of the project.
 - Commit your code early and often throughout the development process.
- Avoid committing everything all at once after completing the assignment. By reviewing your commit messages, we will gain insight into your approach to problem-solving.



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- Even if you could not complete the full tasks, feel free to send it to us, we will evaluate on whatever is done.
 - 70% of the people who submitted CV for this job post, will not complete the task. Which side are you on? 70% of 30% ? If you are in the top 30%, looking forward to seeing you at our office.

Deadline: **ASAP**