

Laravel + MySQL and Next.js Todo List App Interview Task

This document outlines the key aspects of the Todo List App developed for the interview process at DIGITISED. The application is a Full Stack project built using Next.js and Laravel, demonstrating CRUD (Create, Read, Update, Delete) operations and file uploading capabilities.

Features

- **View todos:** Users can view a list of existing tasks.
- **Add Todo:** Users can create new tasks.
- **Update Todo:** Users can modify existing tasks.
- **Delete Todo:** Users can remove tasks.
- **File Uploads:** Users can upload PDF files when adding or editing tasks.

Project Overview

The Todo List App serves as a practical demonstration of Full Stack development skills. By utilizing Next.js for the frontend and Laravel for the backend, the application provides a responsive and interactive user experience. The inclusion of file uploading functionality further showcases proficiency in handling user input and data management.

Technical Stack

- **Next.js:** A React framework for building server-rendered and static web applications.
- **Laravel:** A PHP framework for web application development.
- **MySQL:** A relational database management system.

Key Considerations

- **User Experience:** The application is designed with a focus on user-friendliness and ease of use.
- **Data Management:** The Laravel backend ensures secure and efficient data storage and retrieval.
- **Scalability:** The chosen technologies allow for potential future expansion and feature additions.
- **Security:** Best practices are followed to protect user data and prevent unauthorized access.

Potential Enhancements

- **User Authentication:** Implementing user login and registration to personalize the experience.
- **Task Prioritization:** Allowing users to assign priorities to tasks.

Conclusion

The Laravel + MySQL and Next.js Todo List App is a comprehensive Full Stack application that effectively showcases core development skills. The project's features, user-centric design, and potential for future enhancements highlight a strong foundation in building modern web applications.