To-Do List Full Stack Application

This is a full-stack To-Do List application built with **Node.js (Express)** for the backend, **Vue.js (with Vite)** for the frontend, and **SQLite** as the database. It allows users to add, mark as completed, and delete tasks.

Project Structure

projeto-todo/  
├── backend/ # Node.js + Express API  
├── frontend/ # Vue.js application  
└── README.md # Project documentation

Getting Started

Prerequisites

* Node.js installed ([https://nodejs.org](https://nodejs.org/))
* Git installed ([https://git-scm.com](https://git-scm.com/))

Backend Setup (Express + SQLite)

1. Navigate to backend folder

cd backend

2. Install dependencies

npm install

3. Run the development server

npm run dev

The backend API will be running at: [http://localhost:3000](http://localhost:3000/)

API Endpoints

|  |  |  |
| --- | --- | --- |
| Method | Endpoint | Description |
| GET | /todos | Get all tasks |
| POST | /todos | Create a new task |
| PUT | /todos/:id | Mark task as completed |
| DELETE | /todos/:id | Delete a task |
| GET | /todos/:id | (Bonus) Get a task by ID |

Frontend Setup (Vue 3 + Vite)

1. Navigate to frontend folder

cd frontend

2. Install dependencies

npm install

3. Start the development server

npm run dev

The app will be available at: [http://localhost:5173](http://localhost:5173/)

Technologies Used

Backend

* Node.js
* Express.js
* SQLite3
* Nodemon

Frontend

* Vue.js 3
* Vite
* Fetch API

Features

* Add new tasks
* Mark tasks as completed
* Delete tasks
* Highlight tasks to be completed soon (yellow)
* Clean, responsive UI

Documentation

For API documentation, check the docs/ folder (Markdown files).

Author

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