

Introduce the project:

- The backend: As show in the below
- The frontend: Built with React, redux state management, redux saga for side effect management. Bootstrap as a UI library.

Backend API

This is a very simple backend using Express with some predefined sample data. Every POST, PATCH, DELETE happens in memory only, nothing is saved to storage.

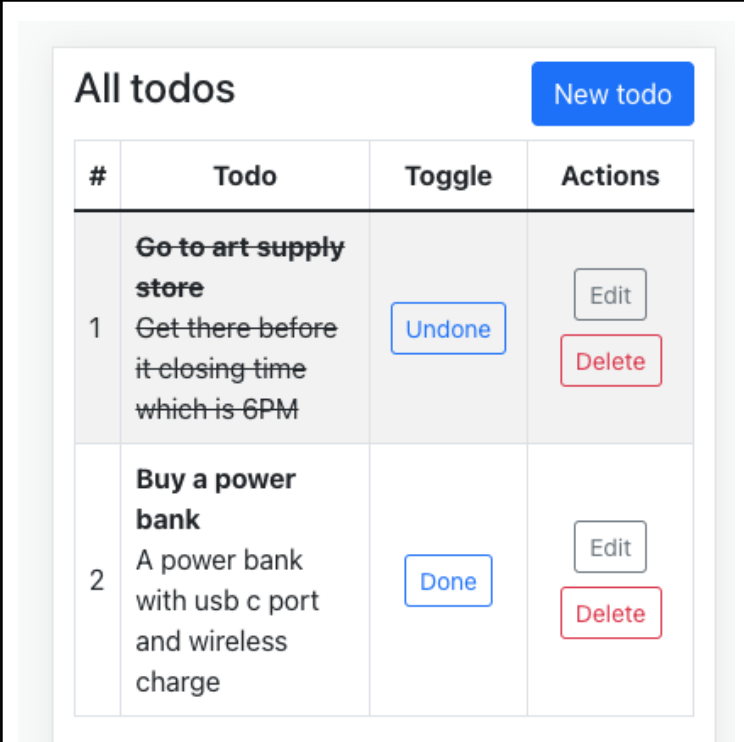
There are two todo hardcoded when the backend starts

The API live at <http://localhost:8080/api>

Name	URL
Get all todos	GET /todos
Get single todo	GET /todos/:uuid
Create todo	POST /todos
Update todo	PATCH /todos/:uuid
Delete todo	DELETE /todos/:uuid

Frontend user guide (How to use the webapp)

Visit this URL to access the web: <http://localhost:3000/todos> or <http://localhost:3000>

	<p>All todos screen</p> <p>The main screen that shows all todos. A todo contain:</p> <ul style="list-style-type: none">- A title, bold text, maximum 30 characters- A note, regular text, can be longer than 30 characters- If a todo is done, it is stricken through. <p>There are the following action in this screen:</p> <ul style="list-style-type: none">- Create new todo- Toggle a todo between done and undone- Edit existing todo- Delete existing todo
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All todos

New todo

#	Todo	Status	Action
<div>Success</div> <div>Todo set to undone success</div>			
1	Get there before it closing time which is 6PM	Done	Delete

Toggle todo

Click the button Done/Undone in the table row to toggle the todo's status between done or not.

New Todo

Title *

Title

Note

Note

Submit

New todo screen

Click the *New todo* button at the top right and go to this screen. Use this screen to create a new todo.

Title field is required and Note field is optional.

Edit Todo

Title *

Buy a power bank

Note

power bank with usb c port and wireless charge

Submit

Edit todo screen

Click the *Edit* button in the table row to go to the edit screen. This screen is the New todo screen with the selected todo refilled.

New Todo

Title *

Error

Bad request

Note

Error notification

To test the error message, put more than 30 characters in the Title field and submit, an error is shown.

You can also see the error message if you input *invalid* into the Title field and submit.

Are you sure?



You can't undo this action.

Cancel

Confirm

Go to art supply

Delete confirmation

Click the *Delete* button in the table row to delete the selected todo, you can Confirm and cancel in this modal.