Notes App

Summary

Welcome to your first React project!
In this project you will need to create a notes app - add notes, change notes, delete notes and more.

General Requirements

Like any project here at ITC, you will have to follow the milestones, and complete them one after another.
We will constantly check your github repository, so please commit and push your code frequently.
After you are done with a certain milestone, commit with a message that indicates your progress, e.g. "Milestone 3 done", we will be able to know where you are and how to guide you.

Before you start
- Read the milestones, get a general overview of the project.
- Plan your app, you can even grab a piece of paper to draw your app on, and decide on which components you want to implement, and what they will do.
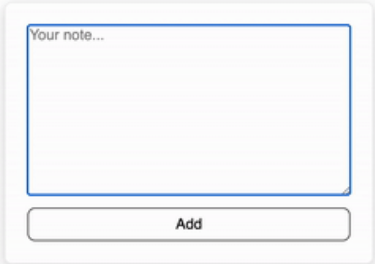
Extras
- You can use 3rd party libraries if you want to, but be careful! It might look easy and time saving, but it also could complicated your process, as you'll need to learn something new (each library has its own learning curve)
- You can use a UI library if you want to (like Bootstrap), make sure to look for a React version of this library before you use it (if there is none, maybe it is better to skip it for now)
- This is a design free project, use your imagination, but spend more time on coding the functionalities then making it pretty (we learn programming, not design)

Milestone 1

Features:
- Create a basic form with input (multiline textarea), that allow the user to add notes
- For every note added there should be the text and the date the note was created at
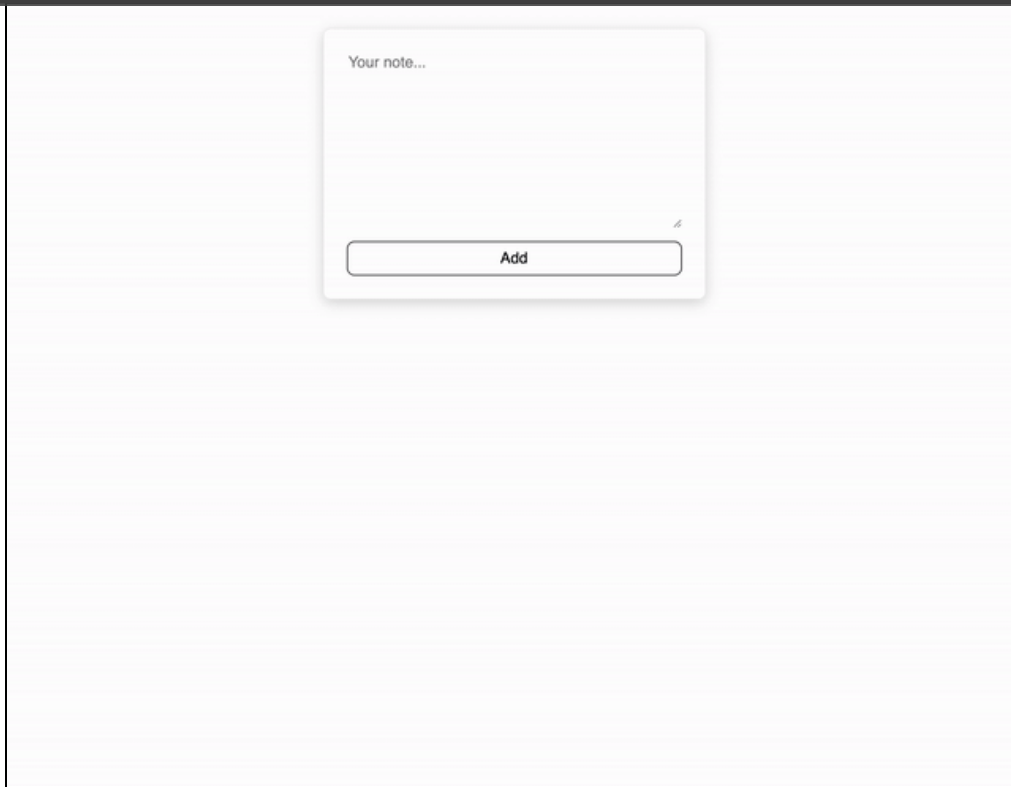- Display the notes in a grid

Milestone 2

Features:
- Display date in human readable format: Aug 31th 12:30 PM
  - You can use the JavaScript Date object, or a date library you find online (there are many good ones)
- Add a delete button, that when clicked prompting the user with a message "Are you sure you want to delete your note?" (you ca use JavaScript global confirm() function), and if the user hits confirm, delete the note from the list
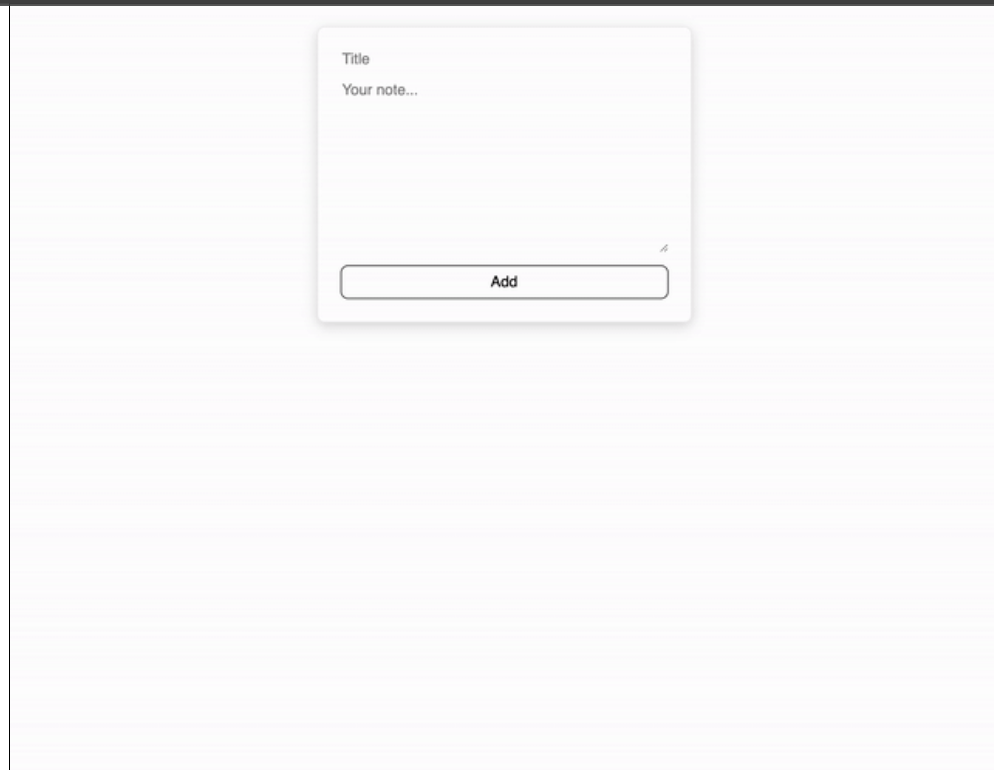
Milestone 3

Features:
- Add an optional note title: in the form add an input for note title
- In the note, display the title above the text
- The user can add a note even without a title (then no title will be displayed in the note)
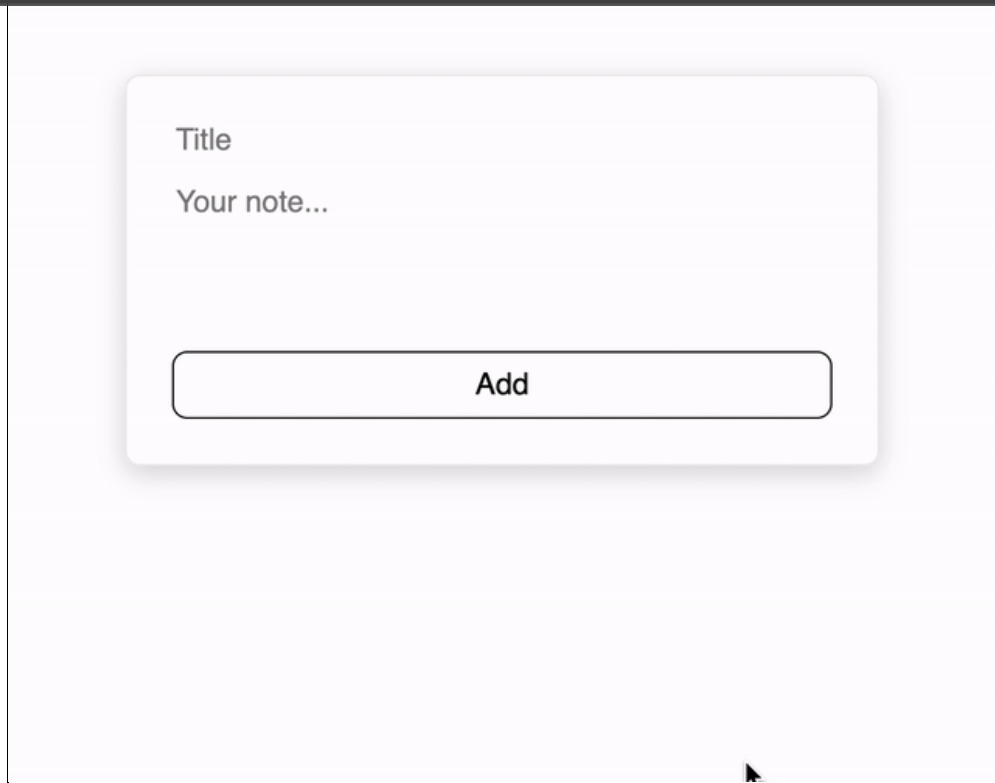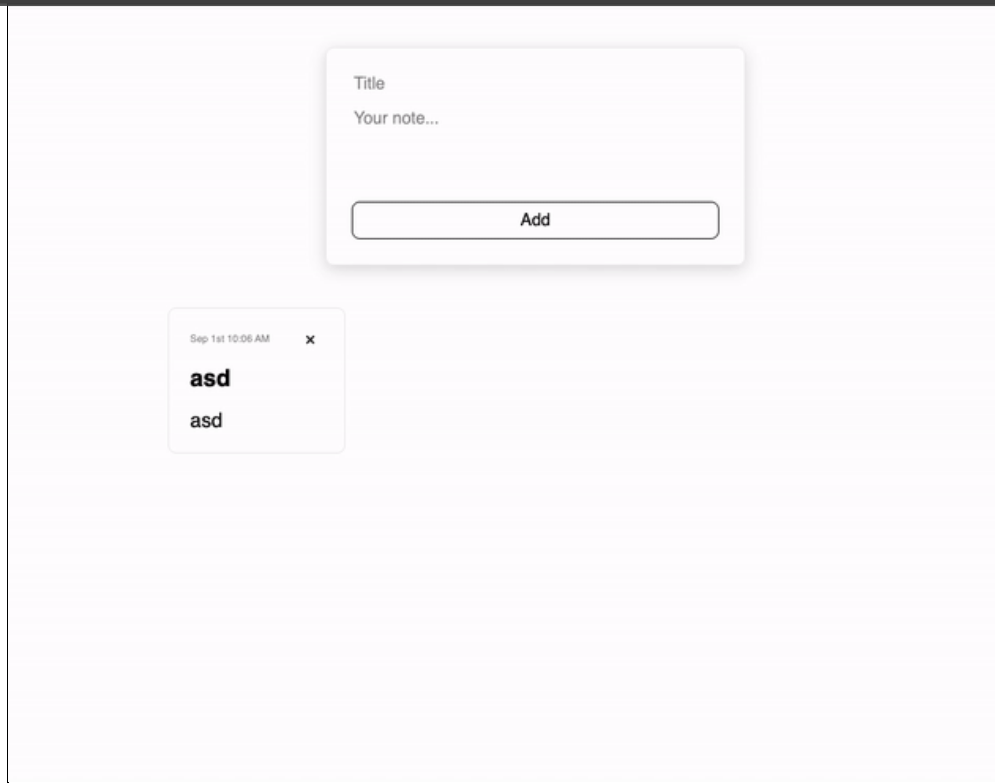
Milestone 3.1

Features:
- Make your textarea to resize dynamically when use types text (add/remove rows)
- Research online on how to do it
- Remove the manual resize handler in the bottom right corner of the textarea
- You can use a library if you find one

Milestone 4

Features:
- Add a popup modal to show a note
- When a note is clicked, the modal should show the note information
- You can use this library: https://github.com/reactjs/react-modal
- Or you can search for a different one if you like (if you use a UI library, it might have a modal component)

Milestone 5

Features:
- In the modal, add the ability to edit the note (title and body)
- Use the form component in the modal to edit the note, if needed update your form component to be usable as a new note form and as an update note form
- After the note is edited, add an update date
- Show the update date in the note in addition to the created date

Milestone 6

Features:
- Deploy the app to Netlify
- Read Netlify documentation on how to deploy.

Milestone 7

Features
- Save notes to users storage
- The notes should persist between reloads of the page
- Do not use localstorage, as it is insecure. Use [localforge](#) instead, which uses [indexedDB](#) behind the scenes

Milestone 8

Features
- Change the delete functionality to archive
- Notes that have been archived should move to an archived section
- Add the ability to move notes back to the list

Milestone 9

Features:
- Add note as a reminder - when creating a note, add time to be reminded on
- If a note should be reminded, show an alert to the user with the notes content