FPT Software

ReactJS

Lab Assignment

Document Code	25e-BM/HR/HDCV/FSOFT
Version	1.0
Effective Date	19/10/2021

Hanoi, Oct/2021

RECORD OF CHANGES

Full	Effective Date	Change Description	Reason	Reviewer	Approver
1	26/Oct/2021	Create new assignment	Create	ThuanNH3	VinhNV

Contents

CODE:	ASM1- ReactJS-todo-app
TYPE:	N/A
LOC:	N/A
DURATION:	N/A

I. Objectives

- Able to initialize a React project using create-react-app CLI.
- Understand structure of the React project.
- Understand how State, Props and Events work in React.
- Dividing simple components.

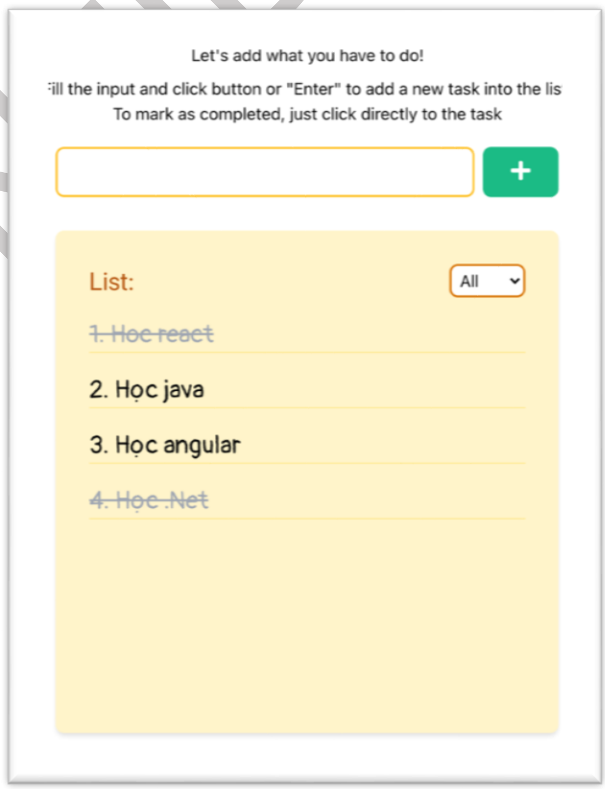
II. Overview of the app

1. Features:

- Add and delete tasks.
- Users can change status to completed or incompleted.
- There are filters to classify completed or incompleted work.

2. Interface:

- The app's interface can be found at the following link: https://fa-react-todo-app.vercel.app



Let's add what you have to do!

ill the input and click button or "Enter" to add a new task into the lis

To mark as completed, just click directly to the task

List:

~~1. Học react~~

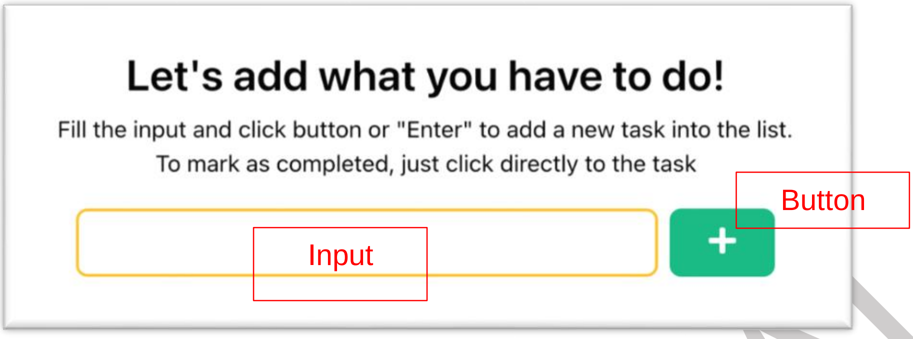
2. Học java

3. Học angular

~~4. Học .Net~~

III. Details

1. Enter a task name:



Let's add what you have to do!

Fill the input and click button or "Enter" to add a new task into the list.
To mark as completed, just click directly to the task

Requirements:

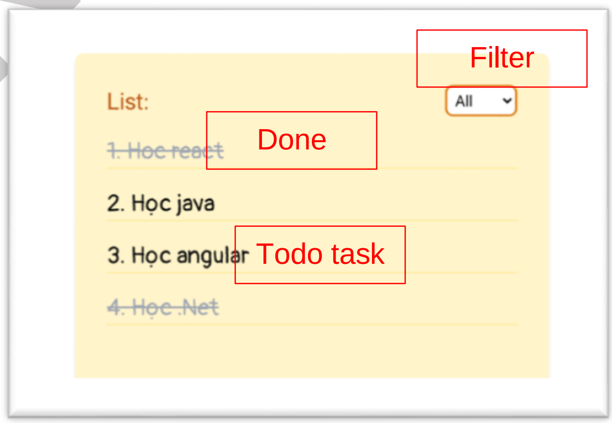
a) Interface:

- An input box to enter a task name.
- A "+" button to add the task.
- Color codes:
  - Input border color: #FBBF24
  - Button Color: #10B981

b) Function:

- Enter a task name in the input box
- When you click on "+" button, a new task is added to the list and the input is cleared.
- **Bonus:** Instead of clicking the "+" button, users can press the Enter key for the same ability.

2. Task list:



List:

~~1. Học react~~

2. Học java

3. Học angular

~~4. Học .Net~~

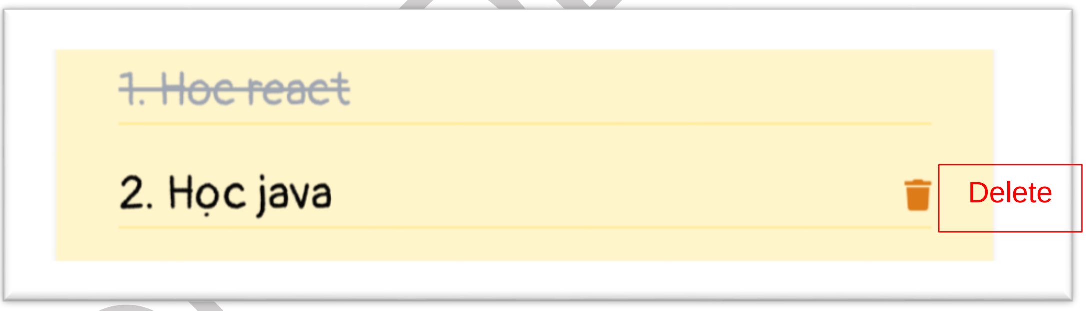
Requirements:

a) Interface:

- The interface is as design as possible.
- Each job is displayed on a row with order number.
- The task which marked as incompleted will be black.
- The completed task will be marked as gray and a line through.
- The filter can be filtered with three options:
  - All: Show all the task.
  - To do: Only show incompleted task.
  - Done: Only show the completed task.
- Color codes:
  - Background: #FEF3C7
  - List text/delete icon: #B45309
  - Todo text: #000
  - Done text: #9CA3AF

b) Function:

- When clicking on a task, change the status of "Incompleted" to "Completed" and vice versa.
- When hovering a task, the delete icon will appear
- **Bonus:** When deleting or filtering, the order number of each task will be updated accordingly. For example, there are 4 tasks numbered from 1 to 4. When the second task is deleted, the order numbers will become from 1 to 3.



~~1. Hoc react~~

2. Học java

3. Note:

- Only use React Class Components.
- Do not use any frameworks or libraries such as Bootstrap, NPM packages....

-- (END && GOODLUCK)--