

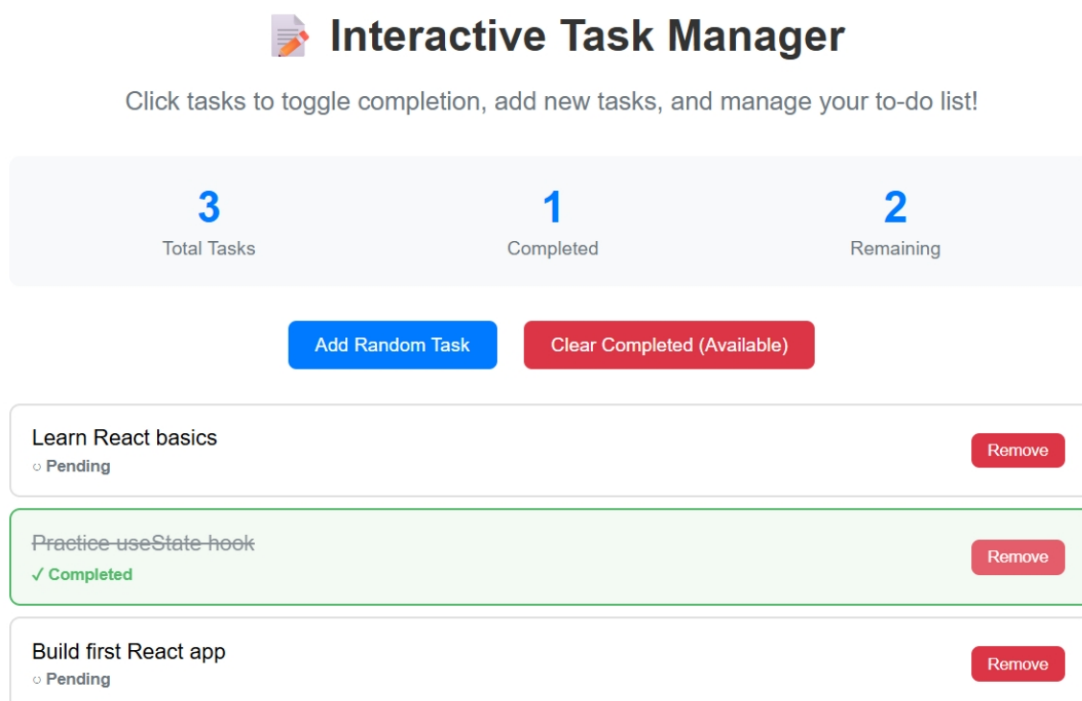
**SWE 4638**  
**Web and Mobile Application Development**  
**Lab No: 2**

**Task 1: React Lab Task: Task Manager Tracker**

**Objective**

Build a ReactJs application that keeps track of the Task completion status. The website should be dynamic based on the number of tasks available. The application should have the following.

- ❑ Display a list of tasks with their titles and completion status
- ❑ Show completed tasks differently from incomplete tasks (styling/strikethrough)
- ❑ Display a counter showing total tasks and completed tasks
- ❑ A task is completed when clicked



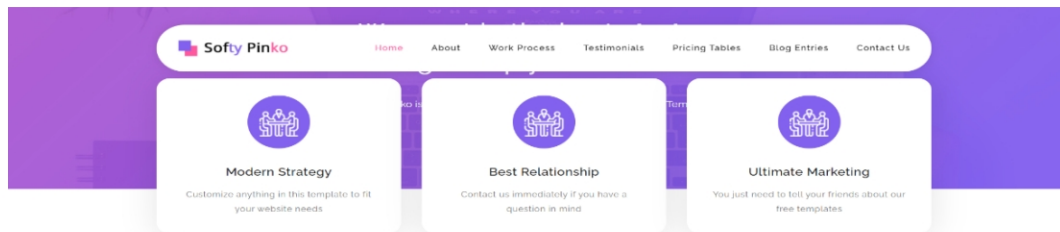
A sample list if task is given. These tasks are used as state of the component.

```
[  
  { id: 1, title: "Learn React basics", completed: false },  
  { id: 2, title: "Practice useState hook", completed: true },  
  { id: 3, title: "Build first React app", completed: false },  
]
```

**Task 2:**

Using the website that you created from lab 1, transform the html and css landing page into a ReactJS web application. The following components have to be included.

- ☐ MainComponent
- ☐ NavComponent
- ☐ HeroComponent
- ☐ ProjectComponent
- ☐ WorkProgress
- ☐ BlockEntriesComponent
- ☐ FooterComponent

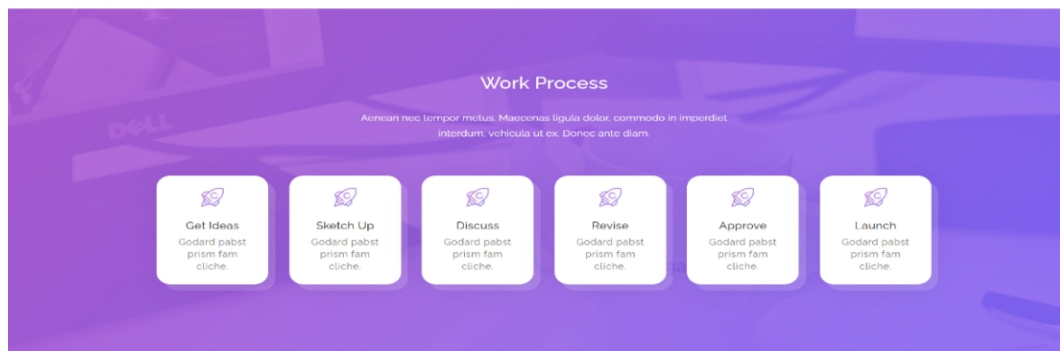


### Let's discuss about you project

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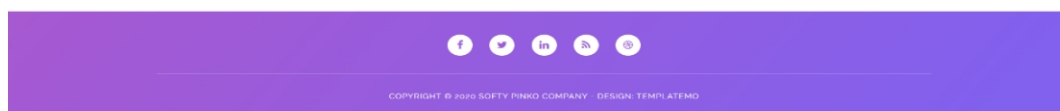
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## Task 3: Personal Profile Card

### Objective

Create a simple personal profile component that displays information about a person, including their image.

### Requirements

1. Create a `ProfileCard` component that displays:
  - A profile image
  - Name
  - Job title
  - Company
  - A short bio
  - Skills list (displayed horizontally)
  - Contact button (that logs a message to console when clicked)
2. The component should accept the following props:
  - `name` (string)
  - `jobTitle` (string)
  - `company` (string)
  - `bio` (string)
  - `skills` (array of strings)
  - `imageUrl` (string)
3. Style your component with CSS to create a professional-looking profile card.

In your main `App.js` file, render at least 3 different `ProfileCard` components with different data.