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ReactJS Practice One

**09th Sept 2022**

# OVERVIEW

* This document provides information about ReactJS Practice One. Build the list of products on the website.

# TECHNICAL

* HTML5 / CSS3
* ReactJS

**TIMELINE**

* 7 days ( 2022/09/09 – 2022/09/19 )

**TEAM SIZE**

* 1 dev

**TARGETS**

* This practice will let you understand simple flow in React
* Build an application for managing products using React
* Understand & apply knowledge of ReactJS (JSX, Define component, State, props, Handle event, Render elements )
* Understanding & applying React Hooks (useState, useEffect, …etc.)

**REQUIREMENTS**

* Build the List of products with the features below:
* Create mocking data:
* Render the list of products.
* User can add new product by name and image URL -Open form modal to add new a product.
* Delete the product in the list
* The can delete product when clicking Remove button – Show confirmation popup.
* Search product by name
* The user can search for the product by inputting the name of the product into the Search Bar.

**ESTIMATION DETAILS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#No** | **Date** | **Tasks** | **Estimate(h)** | **Status** |
| **1** | 2022/09/09 | * Analyzing requirements | **2** |  |
| * Create an Estimation file | **3** |  |
| * Create all tasks in GitLab Issues. | **2** |  |
| **2** | 2022/09/12 | * Init Project * Setup folder structure * Init package Vite, Pre-commit Hook – Prettier | **4** |  |
| * Create the README.md file | **1** |  |
| * Design Analysis | **2** |  |
| **3** | 2022/09/13 | **Implement UI (Home)** | **4** |  |
| **Implement feature renders the list of products** | **4** |  |
| **4** | 2022/09/14 | **Implement the feature of creating a new product.** | **3** |  |
| * Validate data entered in form | **3** |  |
| * Save data into the database | **2** |  |
| **5** | 2022/09/15 | * Get data from the database | **3** |  |
| * Get data about selected product images | **3** |  |
| * Render the list of products | **2** |  |
| **6** | 2022/09/16 | **Implement feature to delete the product** | **3** |  |
| * Show the delete confirm popup | **1** |  |
| * Delete data in database | **2** |  |
| * Render the list of product after deleted | **2** |  |
| **7** | 2022/09/19 | **Implement product search by name** | **3** |  |
| * Get the name of the product from input search | **2** |  |
| * Render the list of product after searched | **3** |  |