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JavaScript Big Practice

**01th August 2022**

**OVERVIEW**

* This document provides the requirement for JavaScript Big Practice
* Design:

**TECHNICAL**

* HTML5 / CSS3
* JavaScript

**TIMELINE**

* 8 days ( 2022/08/01 – 2022/08/10 )

**TEAM SIZE**

* 1 dev

**TARGETS**

* Understand & apply knowledge of HTML/CSS/JavaScript
* DOM manipulation with a simple table, and form
* Understand how asynchronous code works & apply it in practice (API call or any place we can mock API in code).

**REQUIREMENTS**

* Create a table that displays a list of employee.
* Create a new employee when a user fills in an information input form.
* Remove the employee from the list.
* Update the employee:
* Show the product data in the employee form.
* Update new data to the employee list.
* Create a search function by employee name.
* Create a function to filter the employee list by the supplier.

**ESTIMATION DETAILS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#No** | **Date** | **Tasks** | **Estimate(h)** | **Status** |
| **1** | 2022/08/01 | * Analyzing design and split task | **3** |  |
| * Create an Estimation file | **1** |  |
| * Create README.md file | **1** |  |
| * Structure the project | **2** |  |
| **2** | 2022/08/02 | * Implement creating a fake REST API with JSON-server. | **4** |  |
| * Implement creating GUI for the home page | **8** |  |
| **3** | 2022/08/03 | * Implement mocking API to get the employee list | **8** |  |
| **4** | 2022/08/04 | * Implement a user interface for creating new employees. * Implement and validate the form when the user input. | **2** |  |
| * Implement and validate the form when the user input. | **3** |  |
| * Implement the handling cancel button and create button. | **3** |  |
| **6** | 2022/08/05 | * Implement handling the update employee. | 8 |  |
| **7** | 2022/08/08 | * Implement handling the delete employee. | 8 |  |
| **8** | 2022/08/10 | * Implement handling the search bar by the name * Filter the list by city. | **4** |  |