

# **Web Development Internship Project Report**

**Project Name:** Task-Tracker

**Internship Start Date:** 08/07/2024

**Internship End Date:** 07/08/2024

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**Organization:** Learntricks Edutech

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# 1. Executive Summary

During the internship period at Learntricks Edutech, I prepared on the project title “Task-Tracker”. This project involved utilizing a range of technologies, including HTML, CSS, JavaScript, JSDelivr. The main objective was to create, read, update and delete operation using JavaScript Local Storage.

The report provides an overview of the project’s objectives, the technologies used, the development process, challenges faced, and the valuable learnings throughout the internship.

## 2. Introduction

### 2.1 Project Objectives

The primary objectives of the project were as follows :

- Create a complete CRUD (Create, Read, Update and Delete) operation using JavaScript.
- Implement frontend technologies (HTML, CSS, JavaScript) for the website.
- Ensure the website’s functionality using Vanilla JavaScript and saving for the data I will use JavaScript Local Storage.

### 2.2 Scope

Build a simple task tracker web application that allows users to add, update, and delete tasks. Use HTML, CSS, and JavaScript for the front end and local storage for data storage.

## 3. Technologies

### 3.1 HTML

HTML was utilized for creating the website’s structure and content. It provided the foundation for structing web pages and adding semantic elements.

### 3.2 CSS

CSS was employed for styling the website, ensuring a visually appealing and responsive design.

### 3.3 JavaScript

- JavaScript was used to add interactivity and dynamic behaviour to the website, Create a complete CRUD (Create, Read, Update and Delete) operation using JavaScript.

#### 3.3.1 JsDelivr API

The jsDelivr API allows to get details about NPM packages, such as their versions, tags, and files. It can automatically suggest the correct entry point for each file type.

#### 3.3.2 Vanilla JavaScript

Vanilla JS is a fast, lightweight, cross-platform framework for building incredible, powerful JavaScript applications. Native support for HTML5 and other cutting-edge technologies makes me keep coming back to Vanilla JS, time after time.

### **3.4 Bootstrap v5**

Bootstrap, the world's most popular framework for building responsive, mobile-first sites, with jsDelivr and a template starter code. Bootstrapv5.0.0 is here with bug fixes, documentation improvements, and more follow-up enhancements for colour modes. Keep reading for the highlights!

## **4. Project Development**

### **4.1 Frontend Development**

The frontend of the website was developed using HTML, CSS and JavaScript. I will create a complete CRUD operations using JavaScript Local Storage. To design Table, New user button, Model, Form I will use Bootstrap v5. And very few lines of CSS code. To make it functional, I will use only Vanilla JavaScript. And for saving the data I will use JavaScript Local Storage. You can read the data, You can update the data, You can Delete the data. You can upload image also in the local storage and can show this image in the table.

## **5. Challenges**

During the Project, several challenges were encountered, including:

- Implementing a JavaScript queries and DOM method.

## **6. Learnings**

Throughout the internship, I gained valuable knowledge and skills in web development. Key learnings include :

- Mastery of frontend technologies and frameworks.
- Problem-solving in web development.

## **7. Conclusion**

The completion of the "Task-Tracker" project has been a rewarding experience. It allowed me to apply and enhance my web development skills while learning new technologies. I am grateful to Learnticks Edutech for providing this valuable opportunity.

## **8. Acknowledgment**

I would like to express my gratitude to:

- Learnticks Edutech for providing me with the opportunity to this internship.

Regard's  
Shaik Mohammad Afjal  
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