



# **INTERNSHIP PROJECT REPORT**

(Under The Guidance Of Junie Denny Solomon Mam)

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Project Title: To-do List

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# INTRODUCTION

## Overview

- A To-Do List Is A List Of Tasks That Need To Be Completed, Typically Organized In Order Of Priority It Is One Of The Simplest Solutions For Task Management And Provides A Simple And Elegant Method Of Managing Tasks That A Person Wishes To Complete Our Aim Is To Design A Simple And Elegant Website For People To Keep Track Of The Status Of Their Tasks Making A To-Do List Is An Easy And Important Task For Everyone.
- Should Do the Immense Satisfaction That One Gets When Completing the Task and Marking It On The List Is Incomparable? Moreover, Creating A List Of Tasks Ensures You Don't Miss Out On Anything. It Has Been Scientifically Proven That When You Write Down Your Tasks, You Need To Complete Them, And You Are Even More Motivated To Complete Them. With This In Mind, We, Come To Build A Platform That Will Help People Create Their Own Task Lists. With The Help Of Modern Tools And Technologies, We Strive To Build A Minimal And Efficient To-Do List That Minimizes Distractions And Helps People Achieve Task with Simple And Straightforward Management.

### Purpose

- A To-Do List Is A Simple, Prioritised List Of The Tasks A Person Must Complete. People Make A List Of Everything They Need To Do, Ranked From Most Important To Least Important. From The Most Important Task At The Top To The Least Important Task At The Bottom A Few Of The Features Of A Good To-Do List Application Include The Following:
  - ✓ Plan And Execute Simple Actions
  - ✓ Prioritize, Manage, And Reason About Tasks
  - ✓ Record Notes, Action Items, And Ideas.
- To-Dos Are the Tasks, Or Atomic Entities, That Make Up a To-Do List. To-Dos Are Made. Quickly, The Bulk Of Them Do Not Specify The Work; Instead, They Are Typically Just Comprehensive Enough To Serve As A Valuable Indicator. To Be Sure, To-Do Terminology Like “Grocery Stores” Or “Car Washes,” Are Frequently Grammatically Correct.

## MAIN FEATURES

- The Signal Is So Quick, It Is Only Useful for A Short Period Of Time While The Task Is Remembered. In Certain Cases, A Simple Item Like a Stack Is Enough To Recall The Job. Without The Need For A Note, There Are Clear Immediate Implications For Adding A To-Do List To A Person's Productivity System.
- The Functionalities Provided By A Good To-Do List The Application And System Help Declutter The User's Mind As Their Pending Tasks Are Recorded. Safely, And They Won't Be Forgotten.

- The To-Do List Project Is a User-Friendly Website That Assists Them In Keeping Track Of Their Tasks. Their Tasks. It Is a Simple Site Requiring No Sign-In, Log-In, Or Personal Details.
- But It Still Records Your Task, Marks The Completed Tasks, And Stores Them Even If You Visit The Site After A Few Days. Traditionally, They Are Written On Scrap Paper Or Post-It Notes And Serve As A Memory Aid. As Technology Has Evolved, We Have Been Able To Create To-Do Lists In Excel.
- Spreadsheets, Word Documents, To-Do List Apps (Microsoft To Do And Google To Do), To Name A Few. You Can Use A To-Do List In Your Home And Personal Life, Or In The Workplace.
- The Concept Of A To-Do List Has Existed For A Very Long Time, And It Is One Of The Primary Methods For Task Management, Using A To-Do List As A Reminder System, A Tracking System For Notes, Etc.
- In Its Simplest And Most Primitive Form, A To-Do List Can Be Implemented With A Pen And Paper As A Checklist Of Items That Can Be Crossed Off. Of Or Ticked Against When Completed.
- This Can Be Further Extended To Calendars By Writing Tasks Against Dates, Where The Dates Can Also Act As Deadlines For Particular Tasks. Other Possible Extensions To “To Do” Lists Can Be On Whiteboards, Journals, Text Editors, Etc.
- To-Do List Functions Naturally Evolve To Perfectly Fit Web Applications And Applications On Digital Devices. Equipped With Modern Tools And Technologies, Engineers Can Build An Application To Create A Minimal And Powerful Application That Can Help Boost Productivity Without Causing A Loss Of Focus Or Attention.

## ❖ **HARDWARE AND SOFTWARE REQUIREMENTS**

- ✓ The To-Do List Application Built For This Project Is Completely Free To Use By Anyone And Everyone. The Only Requirement Of This Application Is To Have A Device Capable Of Running A Web Browser.
- ✓ To-Do Lists Are Open Source, And Their Code Repository Is Publicly Available On GitHub. It Is Open To Contributions And Improvements By Anyone Who Wishes To Contribute. It Is Also Free For Modification And Personal Use.

## **HTML**

- Every Webpage You Look at Is Written in A Language Called HTML. You Can Think of HTML As the Skeleton That Gives Every Webpage Structure.
- HTML Is Used to Add Paragraphs, Headings, Images, And Links to A Webpage. In The Editor to The Right, There's A Tab Called Test.Html.
- This Is the File We'll Type Our HTML Into. Like Any Language, It Has Its Special Syntax.
- A Browser's Job Is to Transform the Code in Test.Html into A Recognizably Structured Webpage.
- It Knows How to Lay Out the Page by Following the HTML Syntax.

## **CSS**

- Cascading Style Sheets (CSS) Is A Style Sheet Language Used for Describing the Presentation of a Document Written in A Markup Language Such as HTML Or XML (Including XML Dialects Such As SVG, Math, Or XHTML).
- CSS Is a Cornerstone Technology of The World Wide Web, Alongside HTML And JavaScript. CSS Is Designed to Enable the Separation of Content and Presentation, Including Layout, Colors, And Fonts.
- This Separation Can Improve Content Accessibility, Provide More Flexibility and Control in The Specification of Presentation Characteristics, and Enable Multiple Web Pages to Share Formatting by Specifying the Relevant CSS In a Separate.
- CSS File, Which Reduces Complexity and Repetition in The Structural Content, And Enables The.
- CSS File to Be Cached to Improve the Page Load Speed Between the Pages That Share the File and Its Formatting.
- Separation Of Formatting and Content Also Makes It Feasible to Present the Same Markup Page in Different Styles for Different Rendering Methods, Such as On-Screen, In Print, By Voice (Via A Speech-Based Browser or Screen Reader), And on Braille-Based Tactile Devices.
- CSS Also Has Rules for Alternate Formatting If the Content Is Accessed on A Mobile Device.
- The Name “Cascading” Comes from The Specified Priority Scheme to Determine Which Style Rule Applies If More Than One Rule Matches a Particular Element. This Cascading Priority Scheme Is Predictable.

## **JavaScript**

- JavaScript, Often Abbreviated As JS, Is A Programming Language That Is One of The Core Technologies of The World Wide Web, Alongside HTML And CSS.
- As Of 2022, 98% Of Websites Use JavaScript on The Client Side for Webpage Behavior, Typically Incorporating Third-Party Libraries. All Major Web Browsers Have a Dedicated JavaScript Engine to Execute the Code on Users' Devices.
- JavaScript Is a High-Level, Often Just-In-Time Compiled Language That Conforms to The ECMAScript Standard. It Has Dynamic Typing, Prototype-Based Object Orientation, And First-Class Functions.
- It Is a Multi-Paradigm, Supporting Event-Driven, Functional, And Imperative Programming Styles. Furthermore, It Has Application Programming Interfaces (Apes) For Working with Text, Dates, Regular Expressions, Standard Data Structures, And the Document Object Model (DOM).
- The ECMAScript Standard Does Not Include Any Input/Output (I/O) Facilities, Such as Networking, Storage, Or Graphics Facilities.
- In Practice, The Web Browser or Other Runtime System Provides JavaScript Apes For I/O. JavaScript Engines Were Originally Used Only in Web Browsers, But They Are Now Core Components of Some Servers and A Variety of Applications. The Most Popular Runtime System for This Usage Is Node.js.

- Although Java and JavaScript Are Similar in Name, Syntax, And Respective Standard Libraries, The Two Languages Are Distinct and Differ Greatly in Design.

## **React JS**

- React (Also Known As React.JS Or React js) Is A Free And Open-Source Front-End JavaScript Library For Building User Interfaces Based On UI Components.
- It Is Maintained By Meta (Formerly Facebook) And A Community Of Individual Developers And Companies. React Can Be Used As A Base In The Development Of Single-Page, Mobile, Or Server-Rendered Applications With Frameworks Like Node. JS.
- However, React Is Only Concerned With The User Interface And Rendering Components To The DOM, So Creating React Applications Usually Requires Additional Libraries For Routing And Certain Client-Side Functionality.

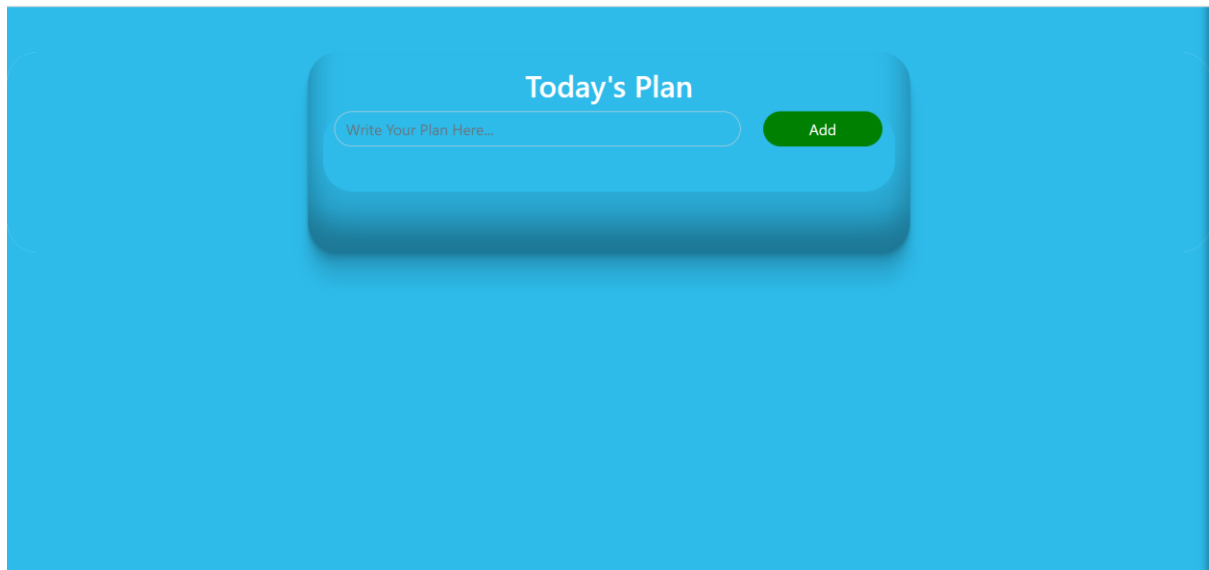
## **Node JS**

- Node.JS Is An Open-Source, Cross-Platform, Back-End JavaScript Runtime Environment That Runs On The V8 Engine And Executes JavaScript Code Outside A Web Browser.
- NodeJS Lets Developers Use JavaScript To Write Command-Line Tools And For Server-Side Scripting—Running Scripts Server-Side To Produce Dynamic Web Page Content Before The Page Is Sent To The User's Web Browser.
- Consequently, NodeJS Represents A “JavaScript Everywhere” Paradigm, Unifying Web-Application Development Around A Single Programming Language Rather Than Different Languages For Server-Side And Client-Side Scripts.

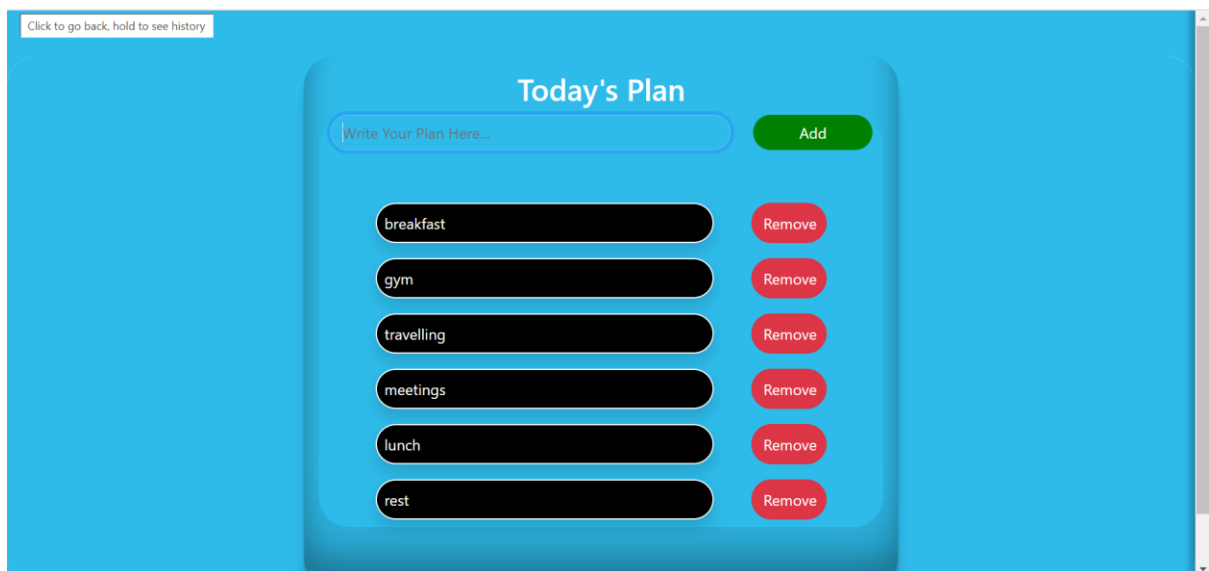
## **Coding Best Practices Used**

- DRY Stands For Do Not Repeat Yourself.
- Write Clean, Readable, And Organized Code
- Write Comments Describing Functions and Code Blocks
- Reuse Code as Much as Possible.

## **[Home Page](#)**



### Today's Plan



## Conclusion

This Project Is Only a Humble Venture to Satisfy a Shop's Needs. Several User-Friendly Codes Have Also Been Adopted. This Package Will Prove to Be Powerful in Satisfying All the Requirements of The Organization. Software Planning Aims to Provide a Framework That Allows Managers to Make Reasonable Estimates in A Limited Time Frame.

The To-Do List Developed For This Project Is Meant To Be A Minimal, Free, And Open-Source Application That Can Help Improve The Productivity Of A User Without Costing Anything. It Aims To Solve At Least Some Of The Problems Discussed Earlier In This Report.