To-Do List

MINI PROJECT – II

SYNOPSIS

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<u>Acknowledgement</u>

It gives us a great sense of pleasure to present the synopsis of the B.Tech mini project undertaken during B.Tech III Year. This project is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals. We owe special debt of gratitude to Dr. Sumit Nagar, Technical Trainer , for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work.

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Abstract

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 minimal and elegant way for managing tasks a person wishes to accomplish. Our aim is to design a simple and elegant website for people to keep a track of the status of their tasks. Making a to-do list is an easy and important task that everyone should do. The immense satisfaction that one gets when completing the task and marking it on the list are incomparable. Moreover, creating a list of tasks ensure you don't miss out on anything. It's a scientific fact that when you write the tasks that you need to complete, you are even more motivated to complete it. With this in mind, we come to build a platform which will help people create their own task list. With the help of modern tools and technologies, we strive to build a minimal and efficient to-do list which minimizes distractions and helps people achieve task management with ease and without hassle.

<u>Content</u>

Introduction

A to-do list is a simple prioritized list of the tasks a person must complete. People make a list of everything they need to do, ranked according to priority from the most critical task at the top to the least critical task at the bottom. A few of the features of a good to-do list application include plan and execute simple actions, prioritize, manage, and reason about tasks, record notes, action items and ideas.To-dos are the tasks or the 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 "Groceries" or "Car Wash" is frequently grammatically correct. Because 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 to adding a to-do list to a person's productivity system. The functionalities provided by a good to-do list application/system help declutter the user's mind as their pending tasks are recorded safely and they won't be forgotten. To-do list project is a user-friendly

website which helps them to keep a track of their tasks. It is a simple site which requires no sign-in/log-in or any personal details but still records your task, mark the completed tasks, and stores them even if you visit the site after a few days.

SOFTWARE AND HARDWARE REQUIREMENTS

- Atom
- VsCode
- Hyper Terminal
- MongoDB
- Google Chrome Browser

PROJECT DESCRIPTION

Todo Lists are the lists that we generally use to maintain our day-to-day tasks or list of everything that we have to do, with the most important tasks at the top of the list, and the least important tasks at the bottom. It is helpful in planning our daily schedules. We can add more tasks at any time and delete a task that is completed. The four major tasks that we can perform in a TODO list are:

1. Add tasks
2. Update tasks
3. Read tasks
4. Delete tasks

It make sure that your tasks are written down all in one place so you don't forget anything important. And by prioritizing tasks, you plan the order in which you'll do them, so that you can tell what needs your immediate attention, and what you can leave until later.First the user add the tasks which he want to do and then he can also update the task the user can add the task according to his priority and if the user

done with the task user can delete the task. To-do lists offer a way to increase productivity, stopping you from forgetting things, helps prioritise tasks, manage tasks effectively, use time wisely and improve time management as well as workflow. This application will be like a task keeper where the user would be able to enter the tasks that they need to do.

Working

The user add the tasks which he want to do and then he can also update the task the user can add the task according to his priority and if the user done with the task user can delete the task. It make sure that your tasks are written down all in one place so you don't forget anything important. It requires no sign-in/log-in or any personal details but still records your task, mark the completed tasks, and stores them even if you visit the site after a few days. A few of the features of a good to-do list application include plan and execute simple actions, prioritize, manage, and reason about tasks, record notes, action items and ideas. This application will be like a task keeper where the user would be able to enter the tasks that they need to do.

Implementation

Java script is a scripting language used to enhance the functionality of the browser. Java script is integrated with HTML and navigator 2.02. Java script facilitates the developer with properties related to document windows, frames, loaded documents and link. Express is a node js web application framework that provides broad features for building web and mobile applications. It is used to build a single page, multipage, and hybrid web application. It's a layer built on the top of the Node js that helps manage servers and routes. It is used in backend web application framework. MongoDB is a document database used to built highly available and scalable internet applications with its flexible schema approach.

References;

Books:

- Web Design With HTML, CSS, JavaScript, and jQuery Set
- Learn to Code HTML & CSS by **Shay Howe**
- Eloquent JavaScript by Marijn **Haverbeke** **Websites:**
- www.geeksforgeeks.com
- www.w3schools.com
- www.slideshare.net.com

Faculty Guidelines:

Dr. Sumit Nagar
(Technical Trainer in GLA University)

GitHub Repository link:

https://github.com/Shashankch14/todo-List