

**SYNOPSIS ON**  
**DISPOSABLE WEBSITE: A**  
**Major Project Synopsis**  
Submitted In  
partial fulfillment  
For the award of the degree of  
**Bachelor of Technology**  
**In Computer Science & Engineering**



**B.N. College of Engineering and Technology**

(Affiliated to AKTU University)

BKT, SITAPUR ROAD LUCKNOW- 226201

**A MAJOR-PROJECT SYNOPSIS**

**ON**

**“WEB-X”**

**Submitted By:**

Mansha Tiwari

**(1904310100039)**

Utkarsh Arora

**(1904310100089)**

**(CSE Fourth Year)**

**Under the guidance of:**

Mr. Mithilesh Kr. Singh Yadav

CSE Department

(Assistant Professor)

# CERTIFICATE OF APPROVAL

This is to certify that the project entitled “**DISPOSABLE WEBSITE**” has been carried out by **Mansha Tiwari, Utkarsh Arora** under my supervision in partial fulfillment for the degree of Bachelor of Technology (B.TECH) in Computer Science & Engineering of B.N. College of Engineering and Technology under AKTU University during the academic year 2022-23.

It is understood that by this approval the undersigned do not necessarily endorse any of the statements made or opinions expressed therein but approve it only for the purpose for which it is submitted.

## Submitted By:

### Name

### University Roll No

Mansha Tiwari

1904310100039

Utkarsh Arora

1904310100089

-----  
Mithlesh kr. Singh Yadav

Assistant Professor,

Department of Computer Science & Engineering

-----  
Mohit Gangwar,

Head, CSE Dept

## ACKNOWLEDGEMENT

We take this opportunity to express our profound gratitude and deep regards to our guide Mr. Mithlesh Kr. Singh Yadav for his exemplary guidance, monitoring, and constant encouragement throughout the course of this thesis. The blessing, help, and guidance given by him from time to time shall carry us a long way in the journey of life on which we are about to embark.

## Name Of Team Members

NAME	COURSE	BRANCH	ROLL NO.
MANSHA TIWARI	B.TECH	CSE	1904310100039
UTKARSH ARORA	B.TECH	CSE	1904310100089

## TABLE OF CONTENTS

Sr. No.	TOPIC	PAGE NO.
1.	<b>CHAPTER 1</b> <b>INTRODUCTION</b> 1.1 Abstract 1.2 Objective 1.3 Scope	7-10
2.	<b>CHAPTER 2</b> <b>SYSTEM ANALYSIS</b> 2.1 System Study 2.1.1 Motive Behind the Project. 2.1.2 Existing System 2.1.3 Feature of the project 2.1.4 Modules Description 2.15 Proposed System 2.2 SOFTWARE REQUIREMENT SPECIFICATION 2.3 Feasibility Study 2.3.1 Economical Feasibility 2.3.2 Technical Feasibility 2.3.2 Operational Feasibility	11-21
3.	<b>CHAPTER 3</b> <b>SYSTEM DESIGN</b> 3.1 Use Cases Diagram 3.1.1 For Administrator 3.1.2 For User 3.2 Class Diagram	22- 25
4.	<b>CHAPTER 4</b> <b><u>Resource Requirements for Development</u></b> 4.1 Hardware Requirement Resource 4.2 Software Requirements Resource 4.3 Technology Used 4.3.1 MongoDB 4.3.2 Express	26-28

	4.3.3 React 4.3.4 Nodejs	
5.	<b>CHAPTER 5 GANTT CHART</b>	29
6.	<b>CHAPTER 6 CONCLUSION</b>	30

# **CHAPTER – 1**

## **INTRODUCTION**

The “DISPOSABLE WEBSITE” has been developed to override the problems prevailing in the practice of writing code to develop a website. This Web application is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations smoothly and effectively.

This web application created a temporary website without any extra hardship. No prior coding knowledge is needed to develop a temporary website. Thus, by this all it proves it is user-friendly.

Disposable Websites as described above can lead to secure, reliable, easy-to-use, and to develop hassle-free web pages. It can assist the user to concentrate on their other activities rather than on designing. Thus it will help the organization in better utilization of resources.

Every organization, whether big or small, face challenges to develop a website they need to tell the developer about design and their requirements. By using our website they easily create a website using drag-and-drop functionality. They only focus on delivering the content. Automatically that website disposes after sometimes when its purpose is done. This is designed to assist in strategic planning and will help you ensure that your organization is equipped with the website you created in the future you do not need to hire again developer to do any type of changes to the website. Also, for the busy executive who is always on the go, our systems come with remote access features, which will allow you to manage your website anytime, and anywhere. These systems will ultimately allow you to better manage resources.

## 1.1 ABSTRACT

The purpose of a Disposable Website is to automate the existing manual system with the help of computerized equipment and full-fledged computer software, fulfilling their requirements so that they easily develop a temporary website using drag & drop functionalities. The required software and hardware are easily available and easy to work with. Basically, the project describes creating a temporary website without using coding knowledge. Here you can build the application without using coding knowledge. It is a No-Code platform.

This project aims to achieve hassle-free web page development for beginners using simple and very easy-to-use drag-and-drop features. Using this project, webmasters can develop a very efficient, interactive, and secure webpage instantly in a few clicks, drags, and drops.

The project uses React framework and hence the code complexity of this project is simplified and reduced. It created a single-page application.

This project uses **MERN Technology**.

With Web-X, you can have customers create an account allowing them to easily create and publish professional-grade websites. Our intuitive builder UI allows users to drag&drop blocks onto a canvas to create pages and combine multiple pages into full sites. In addition, Web-X lets users publish created sites and continue working on them at a later time, allowing users to use Web-X as a lightweight Content Management System, allowing users to create a temporary website. That website automatically disposes of a certain period of time.

We have given our project name **Web-X**. Web-X takes a block-oriented approach to building web pages and websites. What this is means is that Web-X. Web-X means **We Built with extra features**. It



provides the user with a selection of pre-designed blocks, such as headers, content sections, forms, footers, templates, etc. which are combined onto a canvas to create a fully functional web page.

## **1.2 OBJECTIVE**

The main objective of the project on the Disposable Website is to build an application without using coding knowledge. Create a temporary website that is disposed automatically when its purpose is done. The web pages which is developed all are responsive. This project is totally built at the administrative end and thus only the administrator is guaranteed access. The project of project is to build an application project to reduce the manual work to write code to develop the website.

## **1.3 SCOPE**

There is a number of coding languages available in order to build web pages. So there is a need to know anyone's coding language to build a web page. This innovative software application allows users to build web pages without knowing any coding language. It is specifically designed for internal use for companies and small companies Especially when they don't have the funds to hire an external developer. They need a temporary website for some time. They have urgent needs to build a website. This software helps to build/design graphical Web pages using templates or they also build from scratch using drag-and-drop components. This software is embedded in a website for professional use and will be available for customers to tailor web pages as per their needs. It is time efficient, cost-efficient, Allow working efficiently without any risk. This system helps the user to build a web page with an effective graphical user interface.

The user doesn't have to work specifically for GUI. The system will display various webpage template user can select any template according to his preference. With the help of this system, users can work on the main functionality required on their web page. This system will save the time of the user and will help the user to concentrate on the main functionality required in their webpage. They can focus on delivering the content, not on designing. This system will provide the user with professional webpage templates they can select the templates based on the requirement and functionality. Here in this system users can build the whole website by just selecting the content and images required in their webpage and easily drag and drop the component and build the temporary website which is disposed after sometimes when its purpose is done.

# CHAPTER – 2

## SYSTEM ANALYSIS

System analysis is the process of gathering and interpreting facts, diagnosing problems and using the facts to improve the system. System specifies what system should do. A system is a set of components that interact to accomplish some purpose

- Identifying the drawback of the existing system
- Identify the need for conversion
- Perform feasibility study
- very
- Create a system definition that forms the foundation for subsequent work

## 2.1 SYSTEM STUDY

### 2.1.1 Motive Behind the Project

- **Business Experiment:** When a new business or startup is launched, the founders are unsure whether it will be successful. For that, they do not want to make a permanent website; they need to create a temporary website. For that, they do not want to hire a developer. Non-developers also don't have knowledge about coding. It is difficult for businesses to create a hassle-free website.
- **Offline and Seasonal Business:** Offline business founders also need a website for advertisement purposes. Seasonal businesses also need temporary websites because they are occasional

businesses and they don't need to create a permanent website; they only need a website for a certain period of time.

- **Budget limitations for Startup/ New business:** Small companies Especially when they don't have the funds to hire an external developer. Startup founders are unsure whether they will be successful that's why they don't want to waste money on hiring the developer.
- When user requirements aren't cleared.
- When Requirements need to change for business reasons again and again they need to hire a developer again.
- **Events:** For small events, they need a temporary website for some time. They have urgent needs to build a website.

## 2.1.2 EXISTING SYSTEM

The Existing System Possessed the following Disadvantages :

**1. Limited Mobile Experience :** Coding is extremely important for mobile viewing for your website. Many web builders have a very limited mobile optimization in their web builder. Why does mobile matter? Mobile viewing of websites has finally surpassed desktop browsing as of a year ago. Over 50% of users view websites on their mobile devices. When you run into an issue with how content or a part of the design looks on mobile devices, the website builder does not let you do any further customization. You are simply limited to their built-in mobile rendering which does not always translate your content and design into an ideal look and feel, potentially causing user experience issues.

**2. The Website Doesn't Quite Look “Right” :** Most website builders show you a preview of the website before you publish. However, it rarely looks exactly like the preview. As a result, you may spend a significant amount of time creating a website that doesn't

actually look high quality like you intended. Naturally, these can be exceptionally frustrating, and you are again limited to what the website builder “allows” you to do.

**3. Ease-of-Use :** Website builders often appear easy to use at first which is a big plus. However, when you try to delve into links, customizing pages, and resizing images, they start to become a painstaking process. It can take a while to learn how to change certain sections of the website to avoid upsetting the website builder. This can be extremely time-consuming. Ultimately, you are still at the mercy of what the website builder “will allow” in terms of built-in functionality.

**4. Cookie-Cutter Template Selection :** A lot of website builders bypass the lack of coding knowledge by only giving customers certain templates to choose from for their site. Thus, you can only put text in this spot and only a picture in that spot, but if you need more space for more content outside of their design framework you are out of luck. It makes it a bit hard for your business to stand out in the crowd.

## 2.1.3 Features of the Project

- **You don't have to code:** Web-X is a super easy and simple website builder application - just drag-n-drop site elements to your page, add content, and style it to look the way you like.
- **Block Approach:** Web-X takes a block-oriented approach to building web pages and websites. What this means is that Web-X provides the user with a selection of predesigned blocks, such as headers, content sections, forms, footers, etc. which are combined onto a canvas to create a fully functional web page.

- **Drag n drop Functionality:** Start with creating a new website and picking up the template. Then expand the blocks panel and start dragging the blocks you like.
- **Responsive:** No special actions are required, all sites you make with the Web-X application are mobile-friendly. You don't have to create a special mobile version of your website, it will adapt automatically.
- **PWA:** These options enable you to convert your website into a web application. By activating this feature, your website will function as a true Progressive Web Application, allowing users to install it on their devices.
- **Preview and publish:** Click on “Preview” in the [website maker](#) to check how your site looks on different devices and publish to a local drive or a custom domain.
- **Contact to Design:** You Can Contact us to Design Webpages. Through a virtual chatbot, mail. Or a phone call.
- **Make your site unique:** Web-X offers a huge collection of website blocks, templates, and themes with thousands of flexible options. Combine blocks from different themes to create a unique mix.
- **Smart Card:** Accept PayPal and Stripe payments with a beautiful shopping card!

- **Any Language:** You can create a website in any language.
- **Automatically Dispose:** Websites automatically dispose of or delete on their specified period of time, or the user can also delete them when its purpose is done.
- **Toxicity Detection:** It Checks the Toxicity comments and removes them using Artificial Intelligence.

## 2.1.4 Modules Description

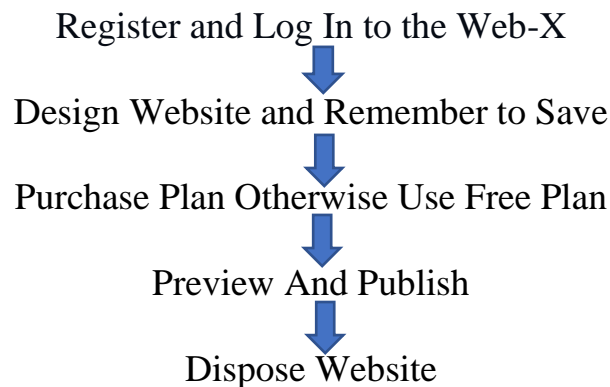
- **Authentication System:** An authentication module is a plug-in that collects user information such as a user ID and password and compares the information against entries in a database.
- **Plan Manager:** The plan manager module, also called price manager. Pricing is a system responsible for the creation, editing, and storing of your pricing data. For a product to be sold, your customer needs to know the cost of each item displayed in your store.
- **Profile Manager:** Profile Module Manager is an alternative to managing modules within a profile's .info. The Profile Manager allows you to create, remove, rename, and switch profiles.

- **Webpage Customizer:** A webpage customizer is a customizer that customizes the webpage according to user preference. It uses an easy-to-use and intuitive drag-and-drop interface. Allows users to edit images within blocks as well as just drag-n-drop site elements to their page, add content, and style it to look the way they like.
- **Asset Manager:** Asset Modules is a type of module that allows one to use asset files (fonts, icons, etc) without configuring additional loaders. The Assets module contains applications that are designed to manage the assets that are owned or leased by your company from purchase to salvage, from the beginning to the end of the life cycle for an asset.
- **Feedback System:** The Contact module allows site visitors to send emails to other authenticated users and to the site administrator.
- **Payment Gateway:** In online stores, payment gateways are the “checkout” portals used to enter credit card information or credentials for services such as PayPal. Payment gateways are distinct from payment processors, which use customer information to collect payments on behalf of the merchant.
- **User Manager:** User management modules are typically available only to administrators for managing user information. Certain modules (e.g., the View Profile module) can be used to display the current user's own information (e.g., their own profile).



- **Webpage Manager:** Webpage manager manage the webpages. which are created on our websites.
- **Template Manager:** It manages the templates, adds the template, deletes the template, modify the template.

## 2.1.5 PROPOSED SYSTEM



- This system provides users to register and login to the websites.
- This system provides user build or design a webpages and save that webpage.
- This system provides extra plans like buy popular templates to built a webpage, otherwise you can free templates.
- This system provides to publish the website on internet using custom domain and you can also preview the webpage after live server how your webpage will be appear.
- This system provide disposable feature that website automatically dispose certain period of time.
- To renew the webpage you need to purchase a plan.

## 2.2 SOFTWARE REQUIREMENT SPECIFICATION

- **Security** : The main website shall prompt the Web-X administrators for a username and password prior to allowing any changes to be made. The username and password shall be unique to each authorized user. Should the authorized user forget their login information, a link to have it emailed shall be provided.
- **Binary Compatibility** : The website will be operational with any operating system that can use modern browsers that support HTML 4.01 and partial support of CSS2.
- **Reliability** : The Web-X main website should remain online as long as the hosting servers are functional. The separate node's functionality is also dependent on the different host server's performance.
- **Maintainability** : The Web-X main website's should provide the administrators a straightforward interface to easily update their website. The other components of their web presence should use separate user interfaces implemented by each social networking site.
- **Portability** : The web presence should be viewed on all computers with an internet connection provided they have a compatible web browser.
- **Extensibility** : The Web-X website accounts shall allow for updates to list any upcoming events, fundraisers, or news.

- **Reusability** : The Web-X home page shall provide an efficient, aesthetically pleasing layout that can be used as a foundation for any upcoming sub pages or a future overhaul of the website.
- **Application** : Affinity/Compatibility The web presence shall be compatible with all modern web browsers (IE 6+,Chrome, Firefox, Safari, etc.).
- **Resource** : Utilization Computational requirements vary depending on client specific web server application. In general the website is expected to demand minimal system resources though it is recommended to have 10 gigabytes of free space for sufficient storage of the website and all of its components.
- **Serviceability** : This will provide the Web-X administrators an easy-to-use interface with capabilities to maintain their website. This paired with abundant documentation should provide a smooth and error free way to service their web presence.

## 2.3 FEASIBILITY STUDY

After doing the project Disposable Website, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible - given unlimited resources and infinite time.

Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

### **A. Economical Feasibility**

This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor.

- \* All hardware and software cost has to be borne by the organization.
- \* Overall we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and the later on running cost for system.

### **B. Technical Feasibility**

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platform.

## **C. Operational Feasibility**

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with new system. As far our study is concerned the clients are comfortable and happy as the system has cut down their loads and doing.

## **CHAPTER – 3**

### **System Design**

In this phase, a logical system is built which fulfils the given requirements. Design phase of software development deals with transforming the clients's requirements into a logically working system. Normally, design is performed in the following in the following two steps:

#### **1. Primary Design Phase:**

In this phase, the system is designed at block level. The blocks are created on the basis of analysis done in the problem identification phase. Different blocks are created for different functions emphasis is put on minimising the information flow between blocks. Thus, all activities which require more interaction are kept in one block.

#### **2. Secondary Design Phase:**

In the secondary phase the detailed design of every block is performed.

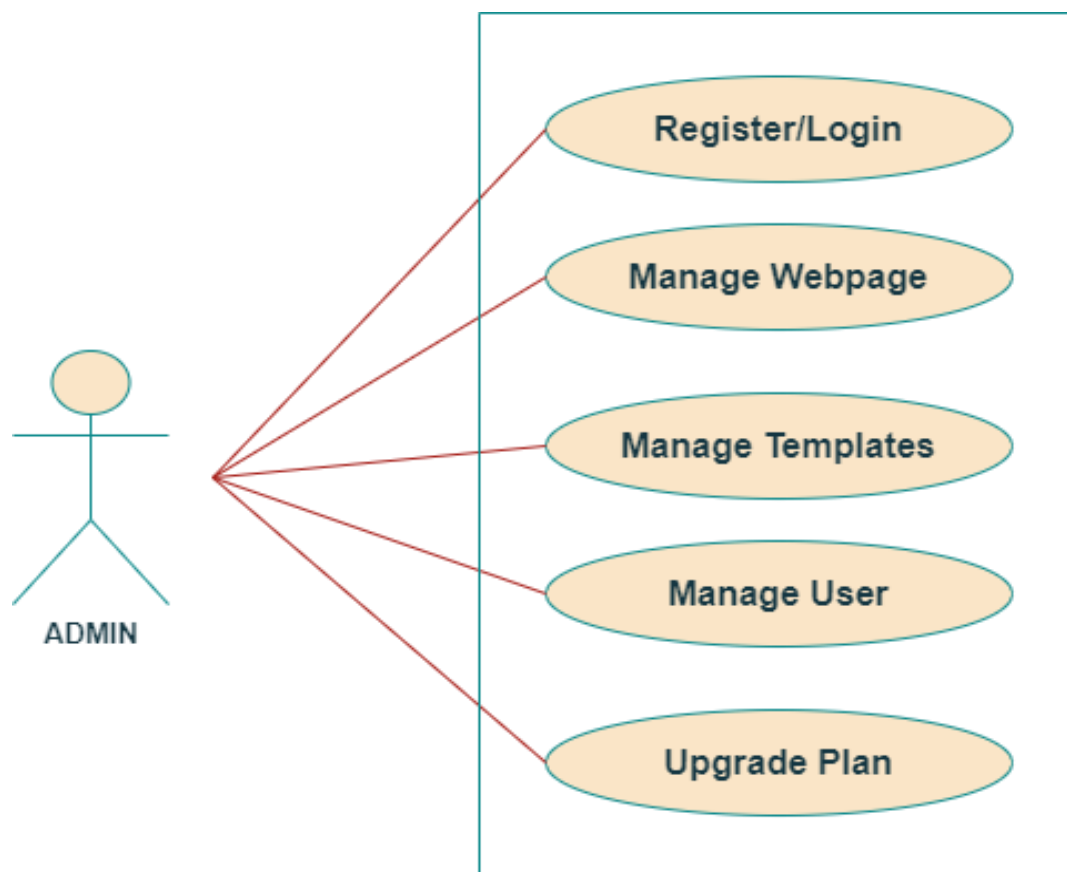
The general tasks involved in the design process are the following:

- Design various blocks for overall system processes.
- Design smaller, compact and workable modules in each block.
- Design various database structures.
- Specify details of programs to achieve desired functionality.
- Design the form of inputs, and outputs of the system.

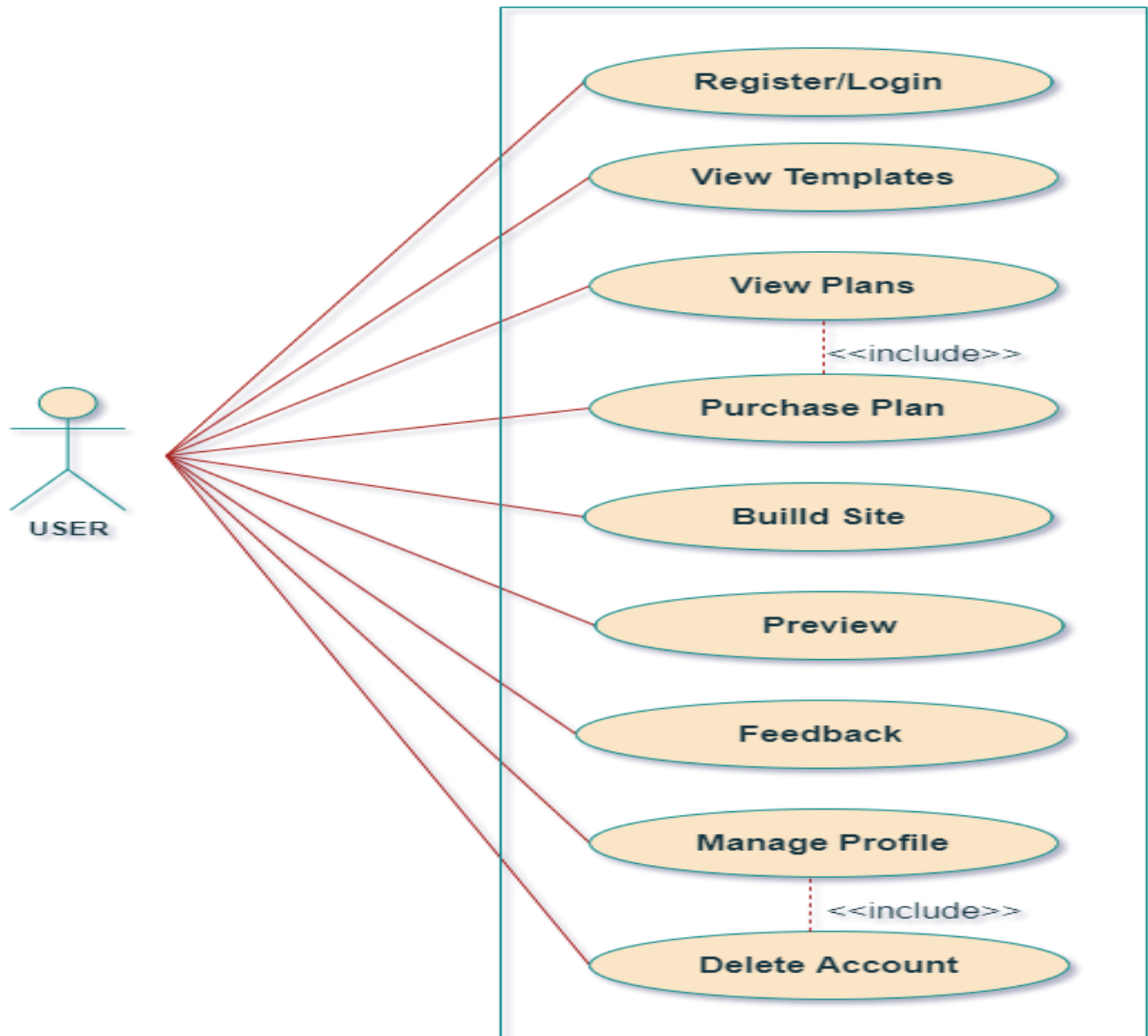
- Perform documentation of the design.
- System reviews

## 3.1 USE CASES DIAGRAMS

### 3.1.1 Use Case for Administrator:

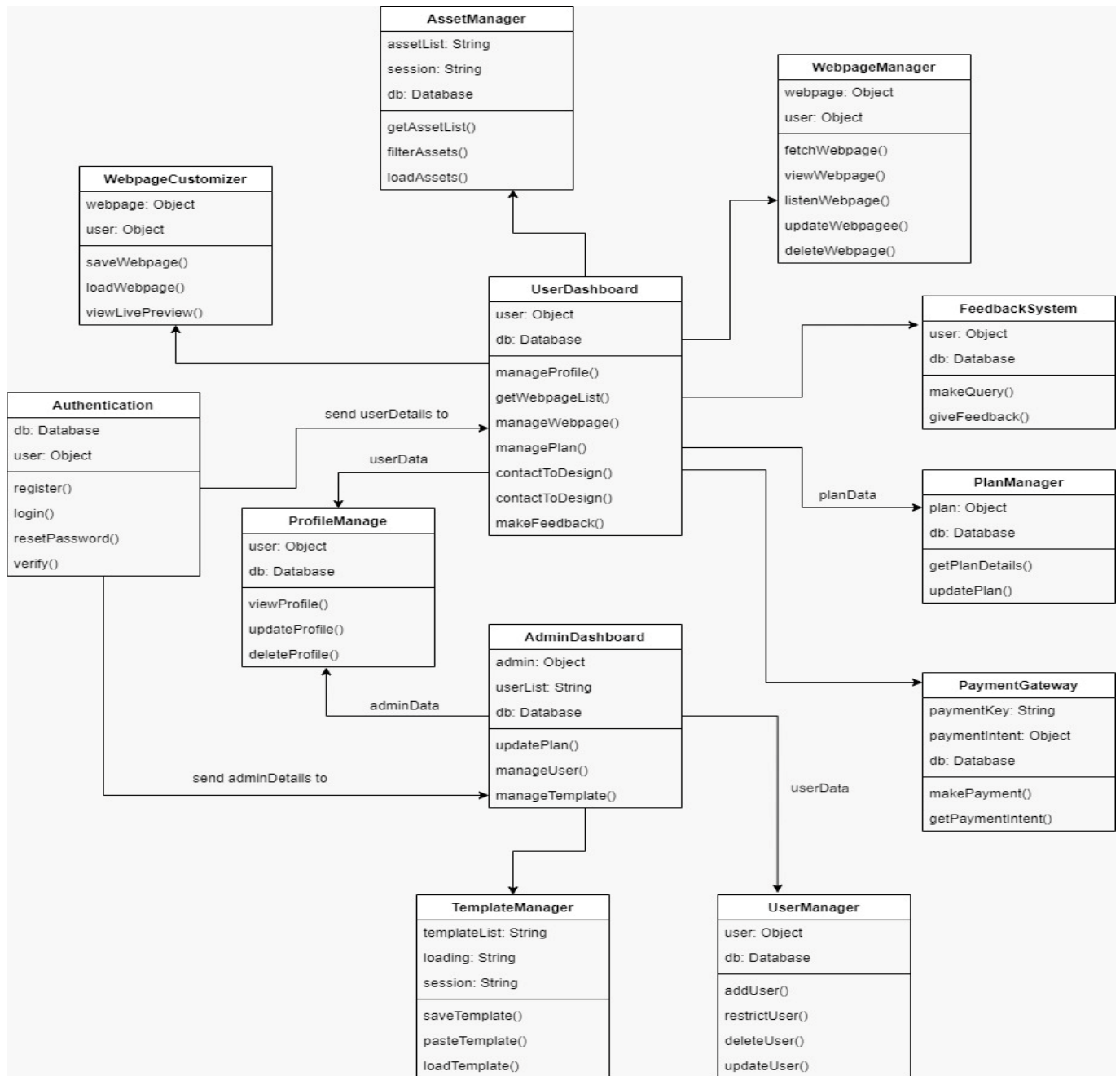


### 3.1.2 Use Case for User





## 3.2 Class Diagram



## **CHAPTER – 4**

### **Resource Requirements for Development**

#### **4.1 Hardware Resource Requirements:**

##### **Client Side**

- Processor - Dual Core or above
- RAM - 1 GB
- Disk space - 120 GB
- Monitor - 14” or above/ tab/ mobile
- Others - Internet Connection

##### **Developer Side**

- Processor - Quad Core or above (1.5 GHz or more)
- RAM - 4 GB or above
- Disk space - 256 GB
- Monitor - 14” or above
- Others - Keyboard, mouse, Internet Connection

#### **4.2 Hardware Resource Requirements:**

##### **Client Side**

Web Browser (Google Chrome, Firefox, IE9 or above)

##### **Developer Side**

- Web Browser (Google Chrome, Firefox)

- Node JS 14 or above
- Vs code
- Frontend Framework – React 18
- Backend Framework – Express JS
- Database – MongoDB.

### 4.3 TECHNOLOGY USED (MERN)

MERN Stack: MERN Stack is a Java script Stack that is used for easier and faster deployment of full-stack web applications. MERN Stack comprises 4 technologies namely: [Mongo DB](#), [Express](#), [React](#), and [Node.js](#).

**4.3.1 Mongo DB:** The most popular No SQL database, is an open-source document-oriented database. The term ‘No SQL’ means ‘non-relational’. It means that Mongo DB isn’t based on the table-like relational database structure but provides an altogether different mechanism for the storage and retrieval of data. This format of storage is called BSON ( similar to JSON format).

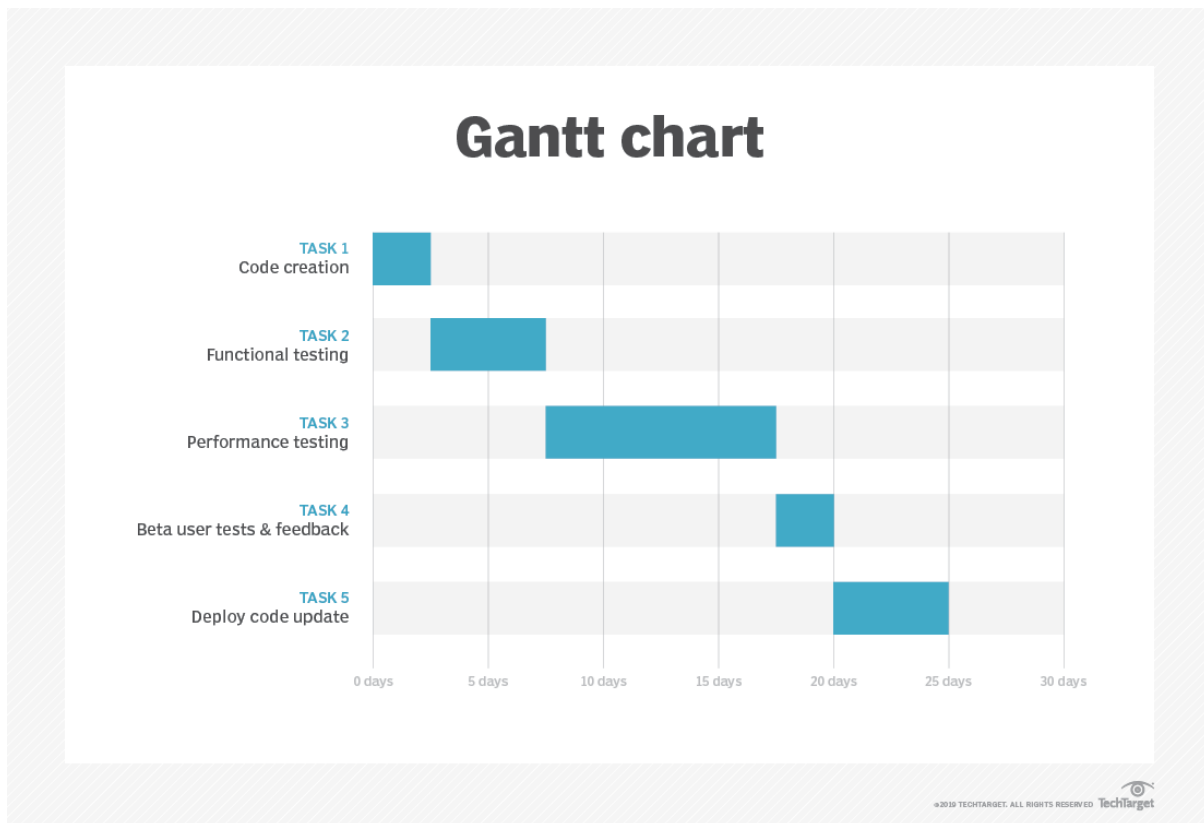
**4.3.2 Express:** Express is a small framework that sits on top of Node. js web server functionality to simplify its APIs and add helpful new features. It makes it easier to organize your application’s functionality with middleware and routing;

**4.3.3 React:** React uses a declarative paradigm that makes it easier to reason about your application and aims to be both efficient and flexible. It designs simple views for each state in your application, and React will efficiently update and render just the right component when your data changes. The declarative view makes your code more predictable and easier to debug.

**4.3.4 NodeJS:** Node.js is an open-source and cross-platform runtime environment for executing [JavaScript](#) code outside a browser. You need to remember that Node JS is not a framework and it's not a programming language. Most people are confused and understand it's a framework or a programming language. We often use Node.js for building back-end services like APIs like Web App or Mobile App. It's used in production by large companies such as Paypal, Uber, Netflix, Walmart, and so on.

# CHAPTER – 5

## GANTT CHART



## **CHAPTER – 6**

### **CONCLUSION**

This Project has successfully been created using HTML, ,CSS, BOOTSTRAP, React. Material UI, MongoDB, Express, Nodejs. This project relieves the User from Tedious Coding and Debugging that is carried out during a Website Development. The UI of this project is interactive and very user friendly. The Admin Module and the User module are well developed and maintained for accurate access controls. It is also Feasible to the Users.

- ❖ They are a code-free method of creating a website.
- ❖ Furthermore, it is a more cost-effective and time-consuming solution for small firms and entrepreneurs.
- ❖ Many small firms use them because of their beginner-friendly nature. Especially when they don't have the funds to hire an external developer.
- ❖ And, when they need temporary websites for events.