**PROJECT REPORT**

**ON**

**JOAN BAKE’S**

**BY**

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**ABSTRACT**

Welcome to The Cake Shop Bakery, Tallahassee’s best bakery. The Cake Shop Bakery is a family owned and operated business in Tallahassee. We carefully select our ingredients for their freshness, flavor and natural value. We choose organic, locally grown products when available. Everything we make embodies our commitment to consistency and excellence. The heart of the bakery is a small, dedicated group of hard working bakers. We are grateful to our amazing staff, loyal customers, and the most supportive local community who allow us to do the work we love every day.

Online cake delivery is gaining more popularity among people all over the world. The cake is the first and foremost thing to be required for celebrating any kind of event. Gone are the days, birthday is the one and the only event celebrated with a cake. Now, the trend has changed no other celebrations get fulfilled without cutting a cake. The cake varieties and flavors displayed at the online stores are mind-blowing which attracts huge numbers of people from all corners of the world. Online cake delivery is appreciated by the people, which saves a lot of time and money for the customers while buying a cake for all the occasions.

The offers and facilities offered by the online platform are amazing, where the customers have a chance to enjoy the maximum level of benefits. Let see the significant reasons for choosing the online cake delivery system**.**

In this project, we will create a multi-page responsive website that gives true results when interacted with. To create the website we need to have some skills. These skills include HTML, CSS etc. These programming languages will help you create a good web page. By creating web pages separately, we will need to connect every page through linking. The linking tag which is used is in HTML i.e. <href>.

This website design is an approach to a web design coded to render layout properly on different screen sizes or a variety of devices. First, we need to create a framework on how the webpage will look. The first page which is also known as the home page is quite important and the other subsequent pages are connected to its different links. At the top of the home page you’ll be see the menu bar along with social icons and these will be directed to their respective pages. To make the website more responsive, we can do the linking through different images, buttons, etc. These can increase the approachability of the website. The languages HTML, CSS, and Javascript are used to create, decorate, and make it more dynamic respectively. Using all these three basics parts we can create good web pages.

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**INTRODUCTION:**

Online cake delivery is gaining more popularity among people all over the world. The cake is the first and foremost thing to be required for celebrating any kind of event. Gone are the days, birthday is the one and the only event celebrated with a cake. Now, the trend has changed no other celebrations get fulfilled without cutting a cake. The cake varieties and flavors displayed at the online stores are mind-blowing which attracts huge numbers of people from all corners of the world. Online cake delivery is appreciated by the people, which saves a lot of time and money for the customers while buying a cake for all the occasions.

The offers and facilities offered by the online platform are amazing, where the customers have a chance to enjoy the maximum level of benefits. Let see the significant reasons for choosing the online cake delivery system.

Help celebrate a special day or commemorate a significant occasion with a sweet treat from The Cake Shop Bakery. Whether you are searching for a special birthday cake, or simply looking for a sweet ending to an everyday meal, The Cake Shop is sure to have something freshly baked to suit your mood. We are proud to offer a wide variety of freshly baked goods daily, including gourmet cookies, fresh apple cake, cheesecake slices, chocolate eclairs, strawberry torte, pound cake, lemon bars, decadent brownies, shortbread, and over 20 flavors of cupcakes that no one can resist.

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**EXISTING METHOD:**

The effectiveness of the method depends on the way in which blogs and articles are organised.

In the existing method, much of the posts is entered manually and it can be very time consuming to read a popular post. Therefore organizing the posts and managing the posts becomes difficult. The major limitations are

1. Modifications are complicated
2. Much time consuming
3. Lack of accuracy

**PROPOSED METHOD:**

The proposed method is better and more efficient than existing method by keeping in all the drawbacks of the present system to provide a permanent to them

The primary aim of the new method is to speed up the surfing time. User friendliness is another peculiarity of the proposed method. Messages are displayed in message boxes to make the website user friendly. The main advantage of the proposed method is the reduction in labor as it will be possible to search the particular blog or article. Another important feature is the subscription of newsletter as it will be notifying daily updates. The main objectives of the proposed method are;

1. Complex functions are done automatically
2. Processing time can be minimized
3. Simple and easy to manage
4. Analysis of auto-informatively

The proposed system of CAKE SHOP is more efficient, reliable and accurate for processing.

**METHODOLOGY:**

Our aim is to thoroughly analyze, understand and build the Website for the project keeping in mind every requirement. The web development processes together with the innovative ideas are the key to success of every project irrespective of its size. The purpose of this website is to provide easy access to popular blogs and articles.

**Analysis:** The requirement specifications from first phase are studied carefully and a list involving the details of the proposed items are prepared in an organized manner and then technically documented.

**Design:** In this phase the overall structure of the software and its lay out are defined to plan different milestones of the Website Development and it is here that the logical system of the product is developed.

**Implementation:** On receiving the design documents the coding phase starts. Small modules are developed first and then they are integrated and implemented to meet their specifications.

**Testing:** After the coding phase, testing begins. Different Testing Methodologies are used in order to detect the bugs. The bugs are fixed and the final website is tested to make sure that it meets the client’s requirements.

**IMPLEMENTATION:**

**LIBRARIES AND FRAMEWORKS:**

**HTML:**

The Hyper Text Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content.

**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.[1] CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, 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 as well as enabling the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

**JAVASCRIPT:**

JavaScript is a programming language that conforms to the ECMAScript specification.[9] JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web.

Over 97% of websites use it client-side for web page behavior, often incorporating third-party libraries.All major web browsers have a dedicated JavaScript engine to execute the code on the user's device.As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

**HTML TAGS IN “CAKE SHOP”:**

1. <html></html>

This is the root element tag. It designates that everything between these brackets contains HTML code.

2. <head></head>

This tag distinguishes the head of the web page from the content. This is where you put Javascript code or give ‘meta’ information about the web site.

3. <title></title>

Have you noticed that browser tabs contain text that gives you an overview of the website? That text is written as the site’s title with this tag.

4. <body></body>

The body tag specifies the actual content of the website.

5. <h1></h1>

This is a heading tag, which creates a title by making text bigger and making it bold. There are six heading tags: h1, h2, h3, h4, h5, h6, in descending order of size.

6. <p></p>

This tag specifies that a given section is supposed to be its own paragraph. Browsers usually insert blank spaces between paragraphs, making the text easier to read.

7. <a></a>

This tag let’s us create a link with its ‘href’ attribute, like so:

<a href=www.somewebsite.com>Click here</a>.

8. <img></img>

The ‘image’ tag is how you insert images into a web page.

9. <div></div>

Div tags group multiple pieces of content into a single container, which allows you to do things like apply separate styling to just that content

10. <span></span>

Span is like a smaller version of div, used to style or interact with inline content. You could add just a couple of words to a particular class (<span class=’endorsement’>Text</span>) which, again, is great for styling and making the content more responsive.

**CSS IN “CAKE SHOP”:**

**Selector**

This is the HTML element name at the start of the ruleset. It defines the element(s) to be styled (in this example, <p> elements). To style a different element, change the selector.

**Declaration**

This is a single rule like color: red;. It specifies which of the element's properties you want to style.

**Properties**

These are ways in which you can style an HTML element. (In this example, color is a property of the <p> elements.) In CSS, you choose which properties you want to affect in the rule.

**Property value**

To the right of the property—after the colon—there is the property value. This chooses one out of many possible appearances for a given property. (For example, there are many color values in addition to red.)

p {

color: red;

width: 500px;

border: 1px solid black;

}

**CONCLUSION:**

This project is a website for ordering bakery products without any inconvenience. With time, new features are added. Overall the website performs well, and while it does not include all of the features that may have been desired, it lives up to initial expectations. The majority of features that are included work flawlessly and there is no backend so we may not get any errors. Overall, it is a good website for people to help getting desired cakes and bakes at their door step conveniently.