## **INTRO TEMP**

A Project Report Submitted in Partial Fulfillment of the requirements

For the award of the degree of

**Bachelor Degree** 

In

**Computer Science And Engineering** 

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2019



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## **Declaration**

We hereby declare that the work which is being presented in the B.Tech Project "INTRO TEMP" in partial fulfillment of the requirements for the award of the *Bachelor of Technology* in Computer Science and Engineering and submitted to the Department of Computer Engineering and Applications of GLA University, Mathura, is an authentic record of my own work carried under the supervision of Mr. Vaibhav Diwan, Asst.Professor,

The Content of this project report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree.

## Acknowledgement

It gives us a great sense of pleasure to present the report of the B.Tech Mini Project undertaken during B.tech, 3<sup>rd</sup> Year, This Project in itself is an acknowledgement to the inspiration, drive and technical Assistance contributed to it by many individuals. This project would never have seen the light of the day without the help and Guidance that we have received.

We Owe Special Debt of gratitude to Mr. Vaibhav Diwan(Asst. Professor)Department of CEA, for his constant support and guidance throughout the course of our work. His Sincerity, thoroughness and perseverance have been a constant source of inspiration for us. He has showered us with all his extensively experienced ideas and insightful comments at virtually all stages if the project & has also taught us about the latest industry-oriented technologies.

We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and cooperation during the development of our project. Last but not least, we acknowledge our friends for their contribution in the completion of the project.

## **ABSTRACT**

This project is aimed to develop a Web application that provides ready made templates to the user for download. It saves time as the user does not has to go through the hassle of writing a lengthy code for the front end. With just some minor changes in the code, the already available templates can be customized according to the user's preference. Our main aim is to reduce effort of the web developer so that they can focus more on the back end.

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- > Its user- friendly interface will allow users to have wonderful experience in using it.
- > Save time and money.
- > Customer Satisfaction.

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## Chapter 1

#### 1.1 Introduction

**Intro Temp** is a web application its aim to provide templates for the users and this will save time and it will also provide consistency and clarity. Template can not only ease your workload but also make you feel less stressed and at the same time increases your efficiency. User can easily find the professional templates on this website. Now a days everyone is quickly gets used to the things it will help user to get into there work with ready made templates.

#### 1.2 Motivation and Overview

This website will bring the new facility to the user so they can get the ready made templates for there work and can make the work more presentable. Now a days everyone is looking for time efficiency so this website is the key for those users who does not want to waste there time on the front end. It will provide the end to end solution to the daily challenges faced by the developer. People in India and all across the world web development has been becoming the need of the current world, so INTRO TEMP is the platform where any user can get the front end in free and can make there website effective.

## 1.3Area of Computer Application

It is a binding fact that are computers are very productive, efficient and make our personal and professional lives more rewarding. These 'magical' machines can do just about anything imaginable, moreover they really excel in certain areas. Below is the list of some of the principal applications of the computer systems:

Web Development: This is very important for mankind and with the development of computers; web development has propelled towards the better a great deal. It mainly deals with the non-design aspect of building websites, which includes coding and writing markup. Web development ranges from creating plain text pages to complex web-based applications, social network apsplications, and electronic business applications.

INTRO TEMP Chapter 1

By having software applications web-based, you eliminate the need to perform updates on each user's desktop. Maintaining and updating software can be done directly onto a server and these updates can be deployed efficiently to users' computers.

## 1.4 Organization of the report

The report is formulated in such sequence, everything that a user might need to know to understand the project is present in a very comprehensible way. Introductory part explains how the idea was generated and what problem we will be able to conquer after developing this project, additionally what methods and modules we used to overcome the problems.

## **Chapter 2**

## **Software Requirement Specification**

## 2.1 Technical Feasibility

Intro Temp is generally based on providing templates for the customers for reducing the effort of the user; so the first and foremost need is to enter the login details of a user to the website and then browse the templates on the website, it works as an input to the anomaly temp download module, Next step is to choose the template enlisted in the website using temp download, It involves producing images of the templates with their details among the represented data to viewers of the images, after this step when the customer finalize the template according to their choice then the customer can give there reviews.

## 2.2 Scope

This Website provides the consistency and clarity to the users. It will save time and Energy of the web developers. And it is also useful for the web development projects as it is providing the readymade frontend templates to the users, which allows you to invest Valuable time in the content and back end for the developing any website.

#### 2.3 Overview of SRS

This SRS aims at providing all the internal and external details of **Intro Temp** website, the next section will provide all the overall description of the Module, Find template, login details, etc.

## 2.4 Overall Description:

- Intro Temp provides user- friendly interface will allow users to have wonderful experience in using it.
- Free available professional templates.
- Comprehensive Review System

#### 2.5 User Characteristics

In this Website user is basically a customer. The user can view and download the templates and modify them as well.

## 2.6 Specific Requirements

Technologies Used:

- Bootstrap
- PHP(Back-End)
- JavaScript
- HTML
- CSS
- My SQL

#### 2.6.1 Bootstrap

**Bootstrap** is a free and open-source CSS framework directed at responsive, mobile-first front-end **web** development. It contains CSS and (optionally) JavaScript-based design templates for typography, forms, buttons, navigation and other interface components.

Bootstrap is an open-source JavaScript framework developed by the team at Twitter. It is a combination of HTML, CSS, and JavaScript code designed to help build user interface components. Bootstrap was also programmed to support both HTML5 and CSS3.Also it is called Front-end-framework.Bootstrap is a free collection of tools for creating a websites and web applications.

It contains HTML and CSS based design templates for typography, forms, buttons, navigation and other interface components, as well as optional JavaScript extensions.

Some Reasons for programmers preferred Bootstrap Framework

- 2.6.1.1 Easy to get started
- 2.6.1.2 Great grid system
- 2.6.1.3 Base styling for most HTML elements (Typography, Code, Tables, Forms, Buttons, Images, Icons)
- 2.6.1.4 Extensive list of components
- 2.6.1.5 Bundled JavaScript plugins

#### 2.6.2 PHP

PHP is a server side scripting language. that is used to develop Static websites or Dynamic websites or Web applications. PHP stands for Hypertext Pre-processor, that earlier stood for Personal Home Pages. It s a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

PHP as a web development option is secure, fast and a reliable that offers lots more advantages to make it accessible to a lot of people.

It is to be given a thought as to what has made PHP Programming as one of the most commonly programming language for the Web industry. Using PHP as its language has many benefits, a few of which could be listed as below.

- PHP supports like MySQL, Oracle, Sybase, etc.
- It is by far the compatible with servers like Apache, IIS, etc.
- PHP runs on platforms, such as, Windows, Linux, etc.
- Using PHP to create a website is very simple because of the easy functions, methods, and syntax of this language.
- PHP also supports database management system and other open source databases

#### 2.6.3 HTML

Web browsers can read HTML files and render them into visible or audible web pages. HTML describes the structure of a website semantically along with cues for presentation, making it a markup language, rather than a programming language.

Hypertext Markup Language, a standardized system for tagging text files to achieve font, colour, graphic, and hyperlink effects on World Wide Web pages.

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 elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page.

#### 2.6.4 CSS

- CSS stands for Cascading style sheets.
- CSS describes how HTML elements are to be displayed on screen, paper, or in other media.
- CSS saves a lot of work...
- External style-sheets are stored in CSS files.

The major purpose of CSS is for describing the presentation of Web pages, including colors, layout, and fonts that allows to adapt the presentation to different types of devices, such as large screens, small screens, or printers. CSS is independent of HTML and can be used with any XML-based markup language.

The features, convenience & ease of usage provided by CSS3 are the main advantages. It lets you make the elements of a web page more dynamic, add life with a decorative touch.

CSS helps you to keep the informational content of a document separate from the details of how to display it. The details of how to display the document are known as its *style*. You keep the style separate from the content so that you can:

- Avoid duplication
- Make maintenance easier
- Use the same content with different styles for different purposes.

Using CSS, you store the style information in common files that all the pages share. When a user displays a web page, the user's browser loads the style information along with the content of the page. When a user prints a web page, you might provide different style information that makes the printed page easy to read.

## 2.6.5 JavaScript

JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else. (Okay,

not everything, but it is amazing what you can achieve with a few lines of JavaScript code.)

The JavaScript is executed by the browser's JavaScript engine, after the HTML and CSS have been assembled and put together into a web page. This ensures that the structure and style of the page are already in place by the time the JavaScript starts to run. This is a good thing, as a very common use of JavaScript is to dynamically modify HTML and CSS to update a user interface, via the Document Object Model API (as mentioned above). If the JavaScript loaded and tried to run before the HTML and CSS were there to affect, then errors would occur.

There are several reasons for why you may want to use JavaScript on your web page even though the page is usable without the JavaScript. Most of the reasons relate to providing a friendlier experience for those of your visitors who do have JavaScript enabled. Here are a few examples of proper use of JavaScript to improve your visitor's experience.

#### 2.7 Specifications

- i) In this project firstly we will analyze the different factors in the network which is responsible for the congestion.
- ii) After finding the factors we will apply different type of algorithm to predict the accuracy of the factors which actually effect the network
- iii) After this we will analyze the factors to reduce the congestion in the network so that it will minimize the effect on a network
- iv) Then we will work on the security aspects of the network so that we can reduce the packet loss, drop calls and network failures

## Chapter 3

## **Software Design**

The project will be structured into three phases: An investigation into the available frameworks; The creation of a software prototype to meet the minimum requirements specified above; A discussion of possible enhancements to the prototype, and implementation of as many features as possible.

The first phase of the project will focus on finding the most appropriate framework for implementing the model company's prototype solution. A selection of frameworks will be chosen from the web, and then disposable prototype systems will be created in the two frameworks deemed most suitable for the second phase of the project. Based on the experiences with these two disposable prototypes, a decision will be made for which framework will be utilized for creating the prototype solution for the next phase.

In the second phase, Log In processes will be modeled, and a requirement specification created for a web-based system. The design for the finding template will be produced, and implemented in the framework selected in phase 1.

Finally in the third phase, some system enhancements will be detailed and appropriate solutions to problems arising from user testing will also be described. Design issues in implementing the new features will be considered, and the prototype from phase 2 will be enhanced as much as time permits.

#### 3.1 UML Diagram

A diagram is the graphical presentation of a set of a elements, most often rendered as a connect graph of vertices and arcs. You draw to visualize a system from different perspective, so a diagram is a projection into a system. For all but most trivial systems, a diagram represents an elided view of the element that make up a system. The same element may appear in all diagrams, only a few diagrams or in no diagrams at all. In theory, a diagram may contain any combination of things and relationships. In practice, however, a small number of common combination arise, which are

INTRO TEMP Chapter 3

consistent with the five most useful views that comprise the architecture of a software-intensive system.

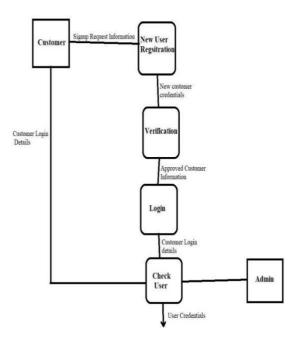
- 1. Use case Diagram
- 2. Data flow Diagram
- 3. Sequence Diagram

## 3.2 Use-Case diagram

A use case diagram is the Unified Modelling Language (UML) is a type of behavioral diagram defined by and created from a use-case analysis. Its purpose is to present a graphical overview of the functionality provide by a system in terms of actors, their goals (represented as use cases), and any dependencies between those use cases.

## 3.3 Data Flow Diagram

## Level 1 DFD:



**Fig 3.3 :** level 1 DFD

Dept of CEA GLAU, Mathura

Page 1

## **Chapter 4**

## **Implementation and User Interfaces**

## 4.1 Requirement For The Project

Requirement of the Intro Temp is to provide the ready made templates to the users. Template can not only ease your workload but also make you feel less stressed and at the same time increases your efficiency. User can easily find the professional templates on this website. Now a days everyone is quickly gets used to the things it will help user to get into there work with ready made templates.

#### 4.2 Server Side

We are using Web Server(Flask Server) to provide comprehensive user interface to reviewer the will be solely responsible for deciding if a reported anomaly/event is false positive. Server Side also contains the base module that is responsible for reporting of templates to the reviewer. We have used log in methods for maintaining user's database in order to extract meaningful statistics and other characteristics of the data.

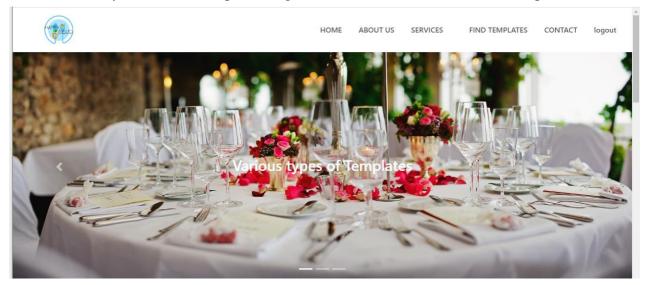
User would need a computer with an updated web browser to interact with our UI and at the client side we also need a reviewer to verify the authenticity of a reported event.

## 4.3 System Module

In this the module that act as an interface between Client and Server is Describe in detail.

## 4.3.1 User Interfaces

We are providing the user (reviewer) with all different kind of functionalities such as notifying him/her in case he/she is not attentive enough or needs a small break. In case critical anomaly is detected in absence of the reviewer our UI is capable enough to automatically show the Graph through the concerned authorities and report the



bandwidth directly to them.

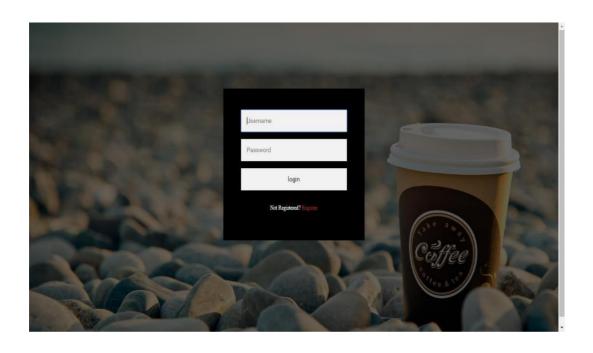


Fig.User Log-in

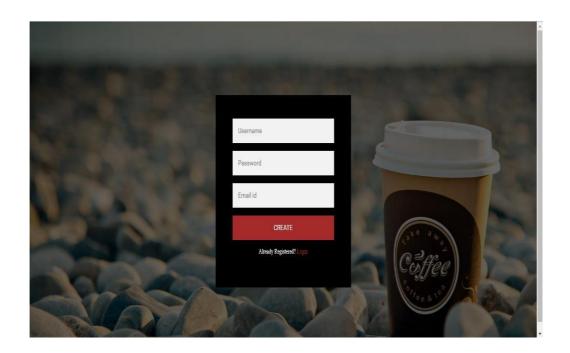


Fig.User Sign-In

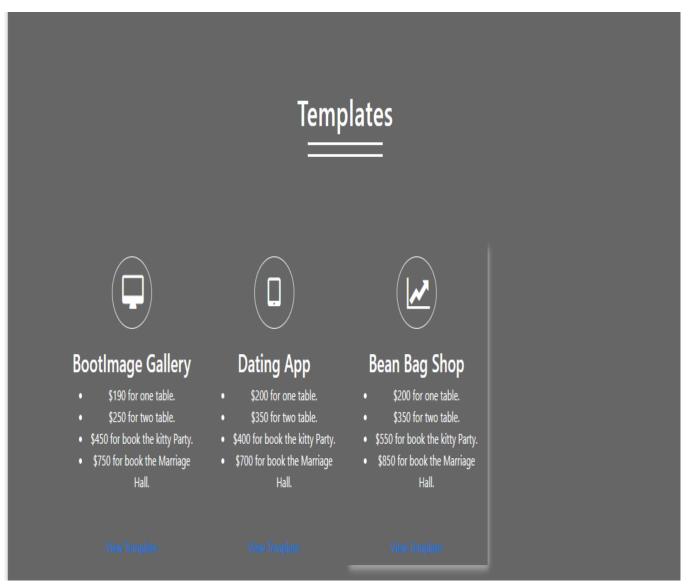


Fig. Template Page

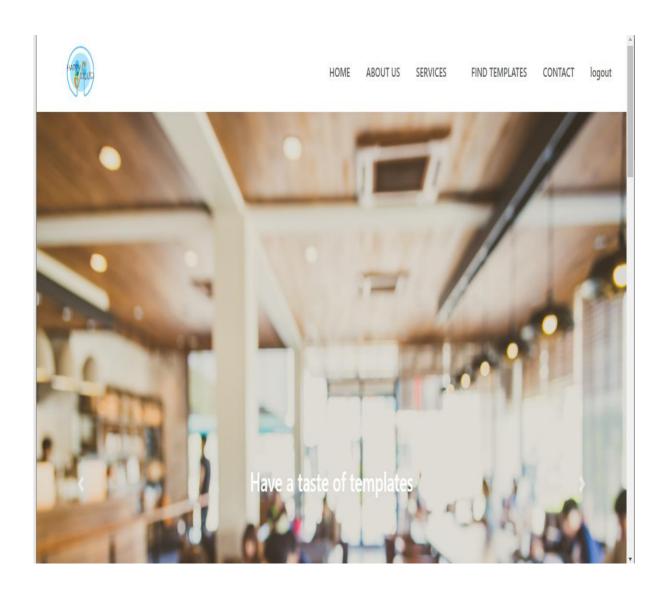
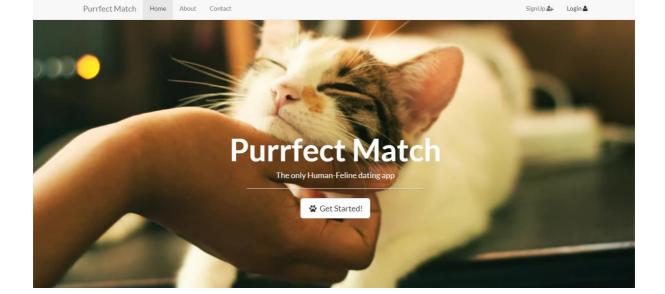


Fig. Our Services Page

```
| <html>
         <title>Login and Registration form</title>
          k rel="stylesheet" href="fstyle.css">
5
          </head>
6
7
8
         <body>
         <div class="login-page">
            <div class="form">
             <form class="register-form">
                <input type="text" placeholder="Username"/>
                <input type="password" placeholder="Password"/>
                <input type="text" placeholder="Email id"/>
12
                <button>Create</putton>
14 E
15 -
16 -
17 E
18
                 Already Registered? <a href="#">Login</a>
                 </form>
                <form class="login-form">
                 <input type="text" placeholder="Username"/>
19
                   <input type="password" placeholder="Password"/>
20
                    <button>Login</putton>
21 =
                  Not Registered? <a href="#">Register</a>

22
23
                </form>
24
             </div>
25
             </div>
26
27
28
             <script src=' https://code.jquery.com/jquery-3.4.1.min.js'>
             </script>
29
30
             <script>
             $('.message a').click(function(){
             $('form').animate({height: "toggle", opacity: "toggle"},"slow");
31
             </script
          </body>
34
35
     </html>
```

Fig. Code of the Login pag



I

Fig. Template 1

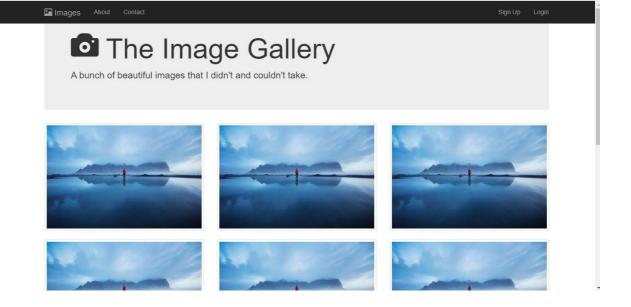


Fig . Template 2

## Chapter 5

## **Contribution Summary**

We are Three group members in this group all are works the different languages and languages are HTML, CSS, JQUERY, JAVASCRIPT, BOOTSTRAP, SQL.

Aditya Gupta is working on the front end design using Html and CSS, using Html and CSS all modules including about, login, registration and payment. Modules description in as follow:

Home module - About module the description of the website is given on about module mainly three linker

Login module- Login module username and password are required to login into the dashboard if the user is not registered he can register himself clicking on register here button.

Registration module- If the user is not registered he can register himself by providing his details valid email is mandatory for the user because of the registering email it will be send to the user email address.

Find Template Module- It displays the template available, from which the customers can find their desired templates.

Rasbihari Mishra is working on back-end using php. By using the php all the functionality of all the module are manage. All the modules are about module login module, Registration, network analysis. Description of the module are-

Home module - In the about module there are three link in the module . Links are find templates, contact us, about us log out. It contains a bar to browse a data file then it will store to our database through My SQL in back end then, we click on the result button . After the result we see the anomalies.

Login module- In the login module user enter their email-id and password to login the website. the functionality which is perform by the login button is manage by the php. It is verify their email-id and password it is correct or not into the database. The validation code is written into php. Registration module - In registration module user can register their self by entering their details that are required in the register module. After the user Registration module:- In registration module user can register

their self by entering their self by entering their details that are required in the register module. After the user enter their details they are enter into database and their code is written into PHP to save the data into database.

Vaibhav Pareek is working on the language JavaScript and My SQL .JavaScript operates on the front-end most frequently and operates entirely as an engine that is part of the user's web browser. Of course, there are exceptions to this rule as noted in the brief mention of Node.js. Most typically, however, JavaScript works locally and only within the user's web browser. My SQL is the relational database management engine that provides access to the data store, which, in this case, takes the form of an SQL (Structured Query Language) database. My SQL is run by PHP using one of three system plugins for PHP: My SQL (now considered legacy), My SQL (My SQL Improved), or PDO (PHP Document Object).A query is made in PHP to the My SQL database using SQL syntax, and data is returned, typically in the form of an array or associative array. Further manipulation in PHP can format the data to be transmitted as HTML content. Finally, through communication with Apache HTTP Server, this dynamically formatted HTML data is then sent to a user's web browser.

By using Bootstrap Framework all the functionality of all the module are more effective .According to the our website, Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, first projects on the web. Additionally, Bootstrap requires J query to function. J query is an extremely popular and widely used JavaScript library,that both simplifies and adds cross browser compatibility to JavaScript. Some of the ways that frameworks can help me: Prevent repetition between projects. Utilize responsive design to allow your website to adapt to various screen. Sizes - mobile, desktop, and everything in between. Add consistency to design and code between projects and between developers. Quickly and easily prototype new designs, Ensure cross-browser compatibility.

## Chapter 6

#### **Further Evaluation**

In this project, PHP and MYSQL both are used for the back-end. PHP is used for the web development and MYSQL is used for the database.

Hypertext Pre-processor is a general-purpose programming language which is originally designed for web development. It is a server side scripting language that is used to develop web application. PHP scripts can only be interpreted on a server that has PHP installed.

SQL is used for the database .It is used to generate queries from client program to the database. This can allow the users to execute a wide range of fast data manipulation. So,to basically put it, SQL is the main language that allows your database servers to store & edit the data on it.

In this project, PHP is used in Login and Registration page. SQL is used to store the data for further use and further validation. User authentication is very common in web application. It is a security mechanism that is used to restrict the unauthorized to member-only areas and tools on a site.

We've used the Bootstrap framework to make the form layouts quickly and beautifully. It includes HTML and CSS based design templates for image, button ,typography etc. It also gives you support for JavaScript plugins. Bootstrap's responsive CSS adjusts to phones, tablets, and desktop.

We've also used the j Query, to improve the performance of the application. It helps to implement UI related critical functionality without writing hundreds of lines of codes. It is fast. It is extensible in nature. J Query is a JavaScript library that helps to simplify and standardize interactions between JavaScript code and HTML elements. J Query is a tool that helps streamline that process. J Query simplifies HTML document traversing, event handling, animating, and Ajax interactions for rapid web development You need to write fewer line of code while using J query, in comparison with JavaScript.

#### **CHAPTER 7**

#### **TESTING**

The implementation phase of software development is concerned with translating design specification into source code. The preliminary goal of implementation is to write source code and internal documentation so that conformance of the code to its specifications can be easily verified, and so that debugging, testing and modifications are eased. This goal can be achieved by making the source code as clear and straightforward as possible. Simplicity, clarity and elegance are the hallmark of good programs, obscurity, cleverness, and complexity are indications of inadequate design and misdirected thinking. Source code clarity is enhanced by structured coding techniques, by good coding style, by, appropriate supporting documents, by good internal comments, and by feature provided in modern programming languages.

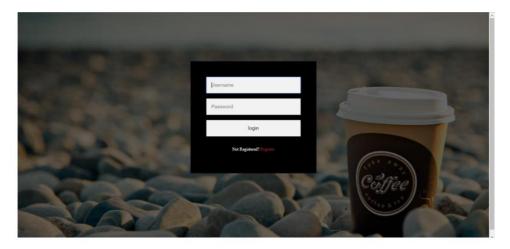
#### 7.1 Structure Test

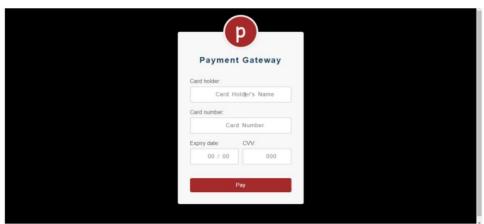
Structure tests are concerned with exercising the internal logic of a program and traversing particular execution paths. Some authors refer collectively to functional performance and stress testing as "black box" testing. While structure testing is referred to as "white box" or "glass box" testing. The major activities in structural testing are deciding which path to exercise.

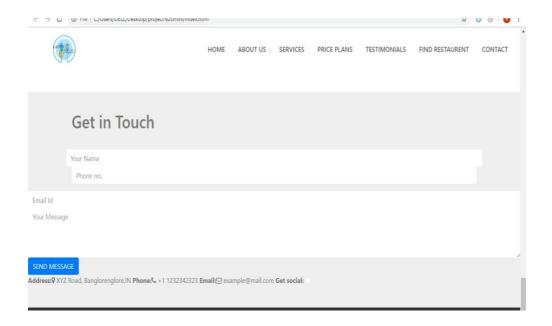
#### 7.2 Validation Testing

Validation testing is the process of ensuring if the tested and developed software satisfies the client /user needs. All the critical functionalities of an application must be tested here.

In validation testing we are validate the login form and registration from in contact page. In Registration page, we are validate the password, email ,space(like we enter only spaces it does not take the white space it show please enter the required details). In password validation we test the length of the password and confirm password and password is same.







## Source code of the validation testing:

#### **Login Module:**

Login Module is used by the client to access the website . login Module contain Email-id and Password through which client can access their account if client have their account. if it does not have their account client can made an account through the registration page.

Source code of login page :validation.

Fig- Login Page HTML Code

```
CuterOBLIDestrophysics indiffuses. Sectoral-relative process of the content of th
```

Fig-Login Page CSS Code

## **Source Code of Register Page**

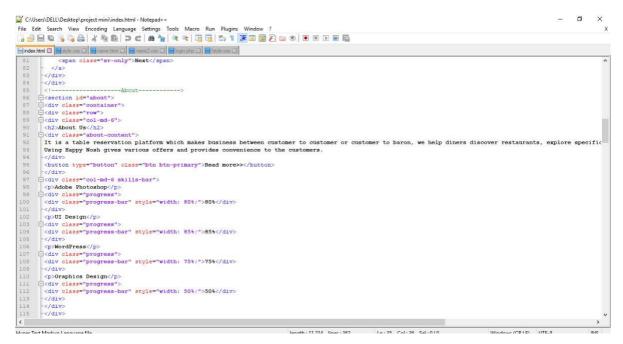


Fig- HTML code

Fig - CSS Code

#### **Source code of Website Home Page:**

Fig- HTML code of Home Page

```
Closer DELLiDestophyroject minitaryle case - Notespada-
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X

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Reservices I Search View Encoding Language Settings Tools Macro Run Plugins Window ?

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Settings Tools Settings Tools Settings Tools Macro Run Plugins Window ?

X

Settings Tools Settings Tools Settings Tools Macro Run Plugins Window ?

X

X

Settings Tools Set
```

Fig – CSS code of HomePage

#### **Price Plan module:**

Through the price plan, client close their price plan according to their choice.

#### Source code:

```
College DELIDestroproper minimides Anni-Netepod--
File fast Search New Proofing Language Settings Tools Macro Run Plugins Window 7

X

Deligion of the Search of the Searc
```

Fig- HTML code

```
| City | Company | Company
```

Fig- CSS code

## **Chapter 8**

## **Conclusion**

The conclusion of the website is to provide the facility of the front end and provide the ready made templates to the user. Now a days everyone is looking for time efficiency so this website is the key for those users who does not want to waste there time on the front end. It will provide the end to end solution to the daily challenges faced by the developer. People in India and all across the world web development has been becoming the need of the current world, so INTRO TEMP is the platform where any user can get the front end in free and can make there website effective.

## **Future Evaluation**

In this project we cover almost all the process which was wrote in our synopsis but The bandwidth graph is still static, it will be dynamic and whatever validation was put in it, that validation is not happening in pop up form, then we will do it further. We did not have enough time to be able to show Pop up messages in our website by using the technology of JavaScript. In the future, we will use JavaScript technology to make it pop up, so that we will be able to show, such Pop up messages on our website.

## Chapter 9

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"Using PHP from the command line". <i>PHP Manual</i> . The PHP Group. Retrieved 2009-09-11.