**PREFACE**

This report intends to reflect some of the basic covered in **“TEAMSPIRIT”.** The total aspects have been formulated and presented on the basis of ideas and information gathered by this investigation during a shorter span of project training i.e. an important portion of the BCA curriculum leading to an opportunity for the participant to have a practical exposure of the contents.

This report has been written in response to a comprehensive study, conducted on **“SCHOOL WEBSITE”.** The report mentions and evaluates the various aspects, pertaining to the improvement of Website Development of the user after a thorough analysis of the various facts and figures; a set of recommendations has been given at the end of the report.

Accuracy and precision has been given the prime consideration, while compiling the report, are authoritative and authentic. We are confident that anyone who goes through the report will learn all that we have learnt and benefited during this period.

**Acknowledgment**

A project work requires lot of hard work, labor, innovation, and patience and is very difficult to make the project report without taking assistance from different quarters. After completing this project, I experience feelings of achievement and satisfaction. Looking back on the completion of my project; I realize how impossible it would have been for me to succeed of my own.

My thanks also go to **Mr. Jitendra Sir** (UIM FUGS) for his valuable and timely guidance, which gave me hope and inspiration.

We would like to thank our project coordinator **Mr. Amit Kumar** and our project incharge **Mr. Qamrul Kazmi** who gave us the opportunity to make this project and helping us in completing the in time.

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**Introduction**

The proposed website I am effective replacement of the current website with improvement in overall site appearance, usability and authenticity.Ths will give a better outlook of the school to the college to the site visitors. It content all the information in a structure manner ,by that the visitors can access the site easily. In an effort to proritize an important tool for an organization's communication plane , I undertook the development of a web style guide for school.

I surveyed the published literature and discovered thet although much had been written about corporate style guide creation nothing existed about how to create a web style guide. Additionally, my research on 70 web style guides from peer institution revealed that 2 there was no correlation between the quality of a web guide and the quality of the corresponding website-exemplary web style guides were found on sub-par website,vise-versa.

Finally, I developed a new approach for creating a web style guide for higher education institution. Clearly, there is great variation for what comprises a web style guide, with some learning towards either the technical or editorial site of the spectrum, as this example demonstrate. For the purpose of this paper through, I will categorize lynch and horton's topic area and say that a web style guide is a set of basic design principles which are compose of editorial,visual and web specific standard.

**OBJECTIVES**

**There are following main objectives of the School Website** :-

* Keeping records of admission of Student.
* Represent School's Facilities.
* Support **"DIGITAL INDIA MISSION".**

Online Fee Submission.

Online Admission.

* To provide timely,engaging and current information to your parents,students,staff and community.
* To provide search engine (eg. Wikipedia and social media.).
* To Attract new students (through their parents or guardians) and to recruit quality staff.
* Scheduling the Academic Programs, Fee Structure,Academic calender.
* Keeping the records of List of Faculties, Publications,Faculty Guide.
* Keeping the records of Awards and Placed Students.
* Provides the contact information of school management and website developer.
* To promotion of our website development team i.e. **"Team Spirit"**.

**SYSTEM ANALYSIS**

SYSTEM ANALYSIS/TESTING METHODS listed here are the major methods used while conducting various System Testing Types during various SystemTesting Levels [:](http://softwaretestingfundamentals.com/software-testing-levels/)-

We used white Box Testing method for testing/analysis this website.

|  |  |
| --- | --- |
| **Method** | **Summary** |
| [Black Box Testing](http://softwaretestingfundamentals.com/black-box-testing/) | A website testing method in which the internal structure/design/implementation of the item being tested is not known to the tester. These tests can be functional or non-functional, though usually functional. Test design techniques include Equivalence partitioning, Boundary Value Analysis, Cause-Effect Graphing. |
| [White Box Testing](http://softwaretestingfundamentals.com/white-box-testing/) | A website testing method in which the internal structure/design/implementation of the item being tested is known to the tester. Test design techniques include Control flow testing, Data flow testing, Branch testing, Path testing. |

**System Design**

This project is Window Based Application Program

**Website & Tools Used:**.

**HTML :**

Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web.

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.

**CSS :**

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML.

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

[2] CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts.

[3] 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, and reduce complexity and repetition in the structural content

**PHP:**

Hypertext Preprocessor (or simply PHP) is a server-side scripting language designed for Web development, and also used as a general-purpose programming language. It was originally created by Rasmus Lerdorf in 1994; the PHP reference implementation is now produced by The PHP Group.PHP originally stood for Personal Home Page,but it now stands for the recursive initialism PHP: Hypertext Preprocessor.

PHP code may be embedded into HTML code, or it can be used in combination with various web template systems, web content management systems, and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server combines the results of the interpreted and executed PHP code, which may be any type of data, including images, with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical applications.

**Java Script :**

* Javascript is the most popular programming language in the world and that makes it a programmer’s great choice. Once you learnt Javascript, it helps you developing great front-end as well as back-end softwares using different Javascript based frameworks like jQuery, Node.JS etc.
* Javascript is everywhere, it comes installed on every modern web browser and so to learn Javascript you really do not need any special environment setup. For example Chrome, Mozilla Firefox , Safari and every browser you know as of today, supports Javascript.
* Javascript helps you create really beautiful and crazy fast websites. You can develop your website with a console like look and feel and give your users the best Graphical User Experience.
* JavaScript usage has now extended to mobile app development, desktop app development, and game development. This opens many opportunities for you as Javascript Programmer.
* Due to high demand, there is tons of job growth and high pay for those who know JavaScript. You can navigate over to different job sites to see what having JavaScript skills looks like in the job market.
* Great thing about Javascript is that you will find tons of frameworks and Libraries already developed which can be used directly in your software development to reduce your time to market.

**CODING**

**SCREEN SHOT**

**FUTURE SCOPE**

**FUTURE SCOPE OF WEBSITE :**

This webssite can be easily implements under various situations.We can add new features as and when we require. Reusability is possible. As and when require in the application. There is flexibility in all the modules.

**WEBSITE SCOPE:**

**Extensibility:** This website is extendable in ways that its original developers may not expect. The following principles enhances extensibility like hide data structure, avoid traversing multiple links or , avoid case statements on object type and distinguish public and private operations.

**Reusability:** Reusability is possible as and when require in this website. We can update it. Reusable website reduces design, coding and testing/analysis cost by amortizing several designs. Reducing the amount of code also simpleifies understanding, which increases like likelihood that the code is correct.

**Understandability :** A method is understandable if someone other than the creator of the method can understand the code. We use the method, which small and coherent helps to accomplish this.

**Cost-effectiveness:** Its cost is under the budget and make within given time period. It is desirable to aim for a system with a minimum cost subject to the condition that it must satisfy the entire requirement.

Scope of this document is to put down the requirements, clearly identifying the information needed by the user, the source of the information and outputs expected from the system.

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