COLLEGES REVIEWS AND SUGGESTION SYSTEM

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Abstract: *Colleges Reviews and Suggestion system is aimed at clarifying the doubts and problems of the students who are wanted to choose the appropriate college for their further education. The system includes a website build using the different web development languages and techniques to help those in need by creating a base platform. Our main of the project is to make such a platform where there should be a way with which students studying in the institute can write reviews about the facilities provided by that institute and can give a detailed description about the overall situation of the college's facilities which can also help the future students wanting to study at that institute/college. Reviews are always helpful in giving an idea about what experience a student can get from that particular institute/ college. Reviews have always been an intensive research topic for more than 2-3 decades. This paper will give more information about how to create a platform based on web technologies which can also give some information about the colleges. The purpose is to develop the website with a very accurate response with an industry-standard speed of response which will also have a very decent and eye-catching user interface.*

Keywords: *Colleges Reviews System, Colleges Suggestion System, Web Application, HTML5, CSS3, PHP.*

1. INTRODUCTION

With around half of the world's population is on the internet, it has become a vital part of our life. We use the internet almost every day for one thing or another be it for checking what will be the best way to cook the potatoes or health-related things. One of the other users of the internet for us is to check the reviews and get the suggestion with the help of those reviews.

Reviews are one of the best ways to understand something by understanding what others have felt about that things. Reviews are the way by which the customers can communicate with other customers by sharing their experiences with them. Reviews are one of the most commonly used techniques to access any system or product. Reviews are used in many industries especially eCommerce one where there are thousands of products that provides the same functionality.

The use of reviews in the educational system is not new but it just recently getting noticed. Although for many students selecting their colleges is quite a difficult task. The traditional methods go like visiting the college you think good for your further academic, participating in the college tour provided by that college, or visiting the college website. In all this process there is no third-party involvement that can give you an unbiased suggestion. And this is where the Colleges Review and Suggestion System comes into play.

Colleges Review and Suggestion System is a platform simply created to give and read the reviews about the overall colleges' performance, surrounding and facilities and the most important thing are the reviews are provided by the student of that same institute so there will be a very slight chance of the fake reviews.

2. LITERATURE SURVEY

Sr. No	Title of paper	Published by	Publishing year	Abstract
1	Design of review systems – A strategic instrument to shape online reviewing behavior and economic outcomes	Dominik Gutt, Jurgen Neumann, Steffen Zimmermann, Dennis Kundisch, Jianqing Chen	2019	As online reviews play a decisive role in consumers' purchase decisions, e-commerce platforms are using review systems strategically to obtain a competitive advantage. However, the strategic potential can only be leveraged if the review

				system is designed appropriately. Research on the design of review systems and the effects of design choices has not yet been summarized or synthesized in a review article. We aim to close this gap by providing a scoping review. In our synthesis we posit that the design of review systems moderates the impact of online reviews on economic outcomes and the factors that drive the formation of reviews.
2	A review and analysis of technologies for developing web applications	Asha Mandava Solomon Antony	2012	In this paper we review technologies useful for design and development of web-based applications. We also discuss about the technologies that are used at the client side and server side of web application. Next, we compare different web application development frameworks.
3	Research on HTML5 in Web Development	Ch Rajesh, K S V Krishna Srikanth	2014	HTML5 is everywhere these days. HTML5 is the new and elegant

				standard for HTML that provides web users and developers enhanced functionality. The older versions of HTML,HTML 4.01, which came in 1999, and the web development havechanged notably since then. HTML 4, XHTML, CSS and theHTML DOM Level 2 are now replaced with HTML5. It wasbrought to deliver rich content without the need for additionalplug-ins and proprietary technologies. The new power ofHTML5 supplies the user everything from animation to graphics, music to movies, and can also be used to build complicated webapplications and also supports cross-platform.
4	Website	Minwoo Lee,	2010	This paper proposes a

	development strategy for e-Commerce success	Hye Young Lee, Moon-Gil Yoon		Website development strategy for e-Commerce success by not only investigating Website quality factors, their relative importance in choosing preferred Website, but also finding which quality factors should be modified and enhanced for e-Commerce Success.
5	Responsive Web Design	Asmita Kharat, Priyanka Bhosale, Sonali Gupta, Shweta Barshe	2018	Due to the rapid development of the IT industry,there are many different devices for accessing the web,desktop computers with a wide range of screen dimensions.Hence, there is a need for adapting the web content layout for different screen dimensions and resolutions. Responsive webdesign is a modern technique for that purpose. This paper will discuss how to use Media Queries, Bootstrap responsivenavigation, and layout of

				streaming technology to achieve responsive web design. And make a rational analysis aboutresponsive web development at the present stage.
6	The role of responsive design in web development	Fernando Almeida	2017	In the scope of this study, we intend to explore the main advantages and limitations associated with responsive Web design. We adopted a quantitative approach based on a questionnaire filled by 181 professionals in the industry that allowed us to identify the reasons that lead software developers to the adoption of the responsive design and also address the limitations felt by them.
7	Analysis and Practical Application of PHP Frameworks in Development of Web Information Systems	Natalya Prokofyeva, Victoria Boltunova	2017	This paper provides various PHP programming framework (CakePHP2, CodeIgniter, Symfony2, Yii and PhalconPHP) popularity overview and

				comparison using various criteria. Based on the data obtained during the study two frameworks were selected for deeper analysis - Symfony2 and PhalconPHP. This article offers a description of the architecture and main features of selected frameworks (routing, template engine, etc.).
8	The Research of PHP Development Framework Based on MVC Pattern	Wei Cui, Lin Huang, LiJing Liang, Jing Li	2009	In this paper, a implementation of PHP based on MVC design patterns - FDF framework was provided for PHP developers, which can offer a framework for Web applications, separate the data, view and control of Web applications, afford to achieve loose coupling, thereby enhanced the efficiency, reliability, maintainability and scalability of application development.

3. Problem Definition

A Review Systems is primarily focused on two major factors one is a reviewer and the other one is the receiver. The reviewer is the one giving the reviews and the receiver is the one receiving the reviews. In this case, the reviewers are the college student of that college and the receivers will be the colleges who will receive reviews for their students.

There is no clear and accurate system for college students to give reviews about the facilities provided by their colleges. With the Colleges Review System, we will be solving that problem by creating a platform for both readings and writing reviews about the college. The platform will be in the form of a website that will let the student write the reviews about their institutes and will let the potential student read the reviews about the institute they are opting out of.

4. Proposed System

We have proposed a website made with web development techniques involving HTML5, CSS, PHP, MySQL, and a local server to host the current website. The interface of the website will be simple and easy to navigate so even if the students who are not so familiar with the internet can also navigate and use it.

There will be three important elements in the proposed system. All three elements will be interconnected with each other.

The elements are

- Receiver
- Reviewer
- System

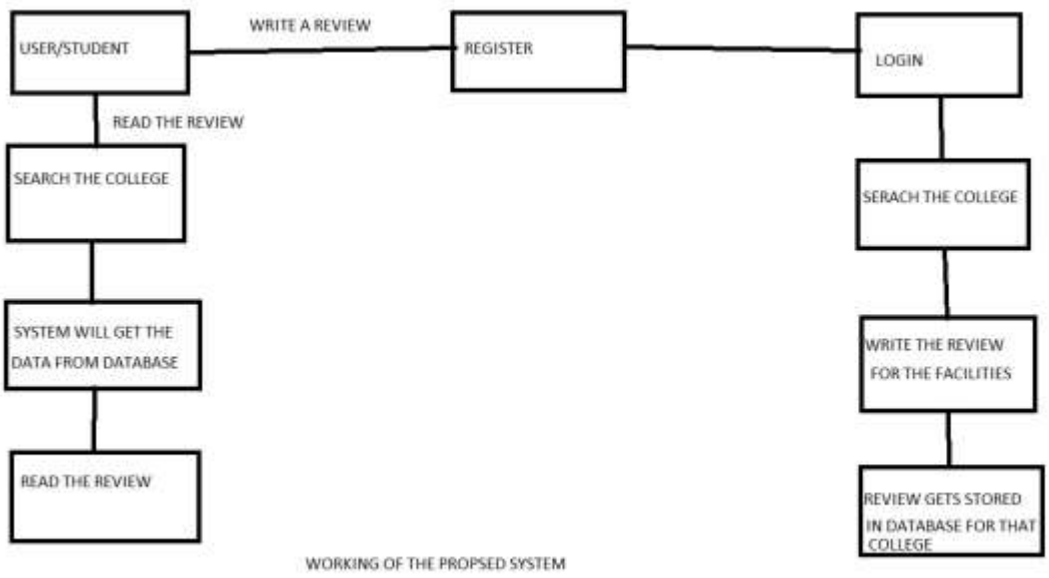
The receiver is the one who will receive the reviews from the platform. Colleges are the receiver here. They will receive reviews about their facilities which includes canteens, college's campus, the placement situation in the college, the overall environment in the college, the teaching faculties, etc. so basically a receiver can use this system to understand what is the thought of their students about the facilities they are providing them and how is their management doing in providing them. Then can learn from these reviews and can make necessary changes in them to give better results.

The reviewer is the one giving the reviews about the colleges. Reviewers can be the current student of the college so they can give accurate reviews about the college facilities or they can be the ex-students of the college so they can give better reviews about the future perspective about the college like how was the placement situation then and now, how is college help them to face the obstacles to come in the future.

The system is the website or platform where students are writing the reviews and future students of the institute reading the reviews about the college they want to join. The platform is built with the web development technologies like HTML5, CSS, and PHP with MySQL to control and

manage the database and XAMPP as the local server to host the website. HTML5 is an upgraded version of the HTML language which works as the basic structure of this website with which CSS is used to give a smooth interface to the website. PHP is used as the backend language to connect both the frontend and database as the system involves registration of the students and also reviews being displayed and saved it needs to get fetch for displaying.

Figure 4.1: Working of Proposed System



When students want to read the review about any institute/college they have to put the name of that institute first in the search bar if the name matches with the one stored in the database system will show them that there is a result matching its search query. After clicking on the given result the system will take them to the next page where they can read about the reviews of the college given by the students. Now in the case of writing the review, a student can write only one review and for his/her college only. For doing that they first have to login into the system and after doing that they can search for their college and can write reviews about them. There is an edit button in the reviews too so students can change their reviews in the future if they have a change of heart about anything.

5. Result

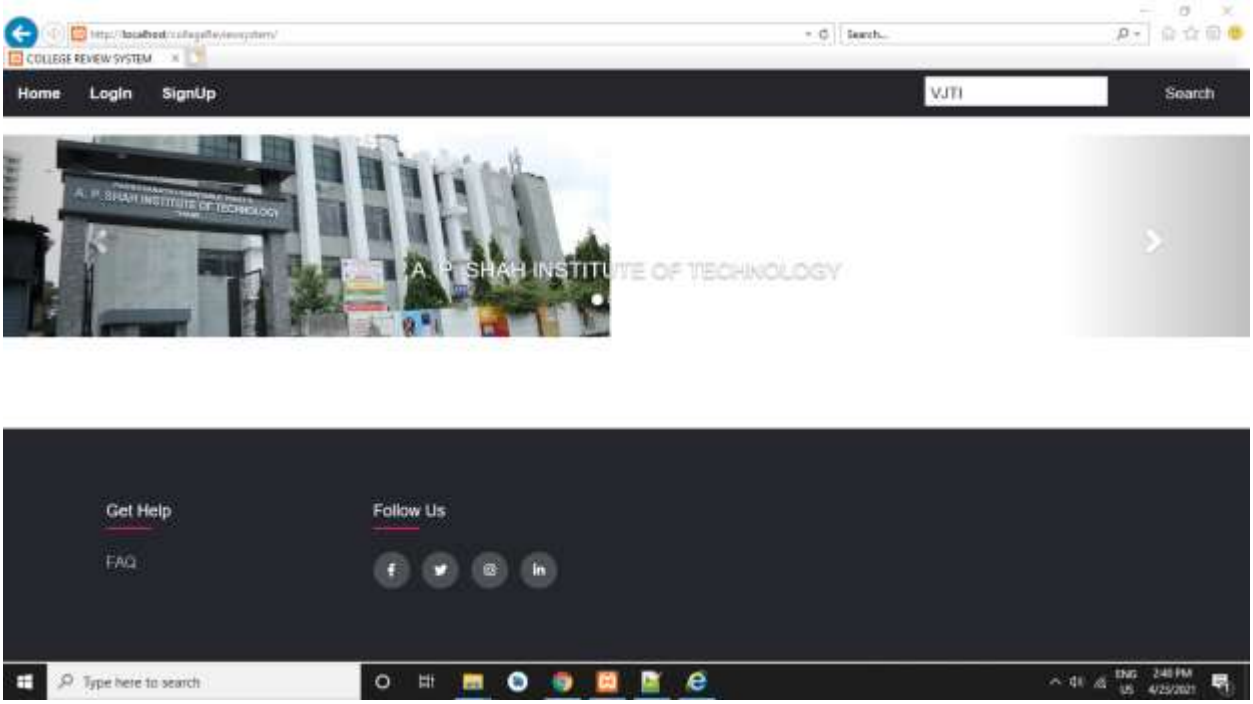


Figure 5.1: Front Page of Review Website

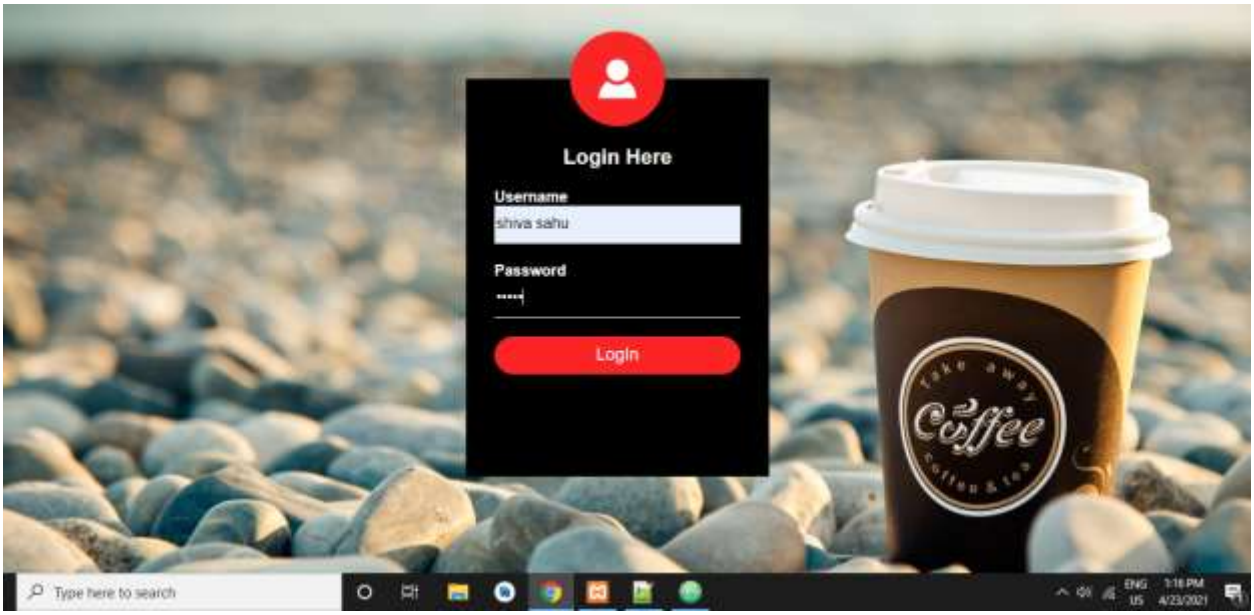


Figure 5.2: Login Page

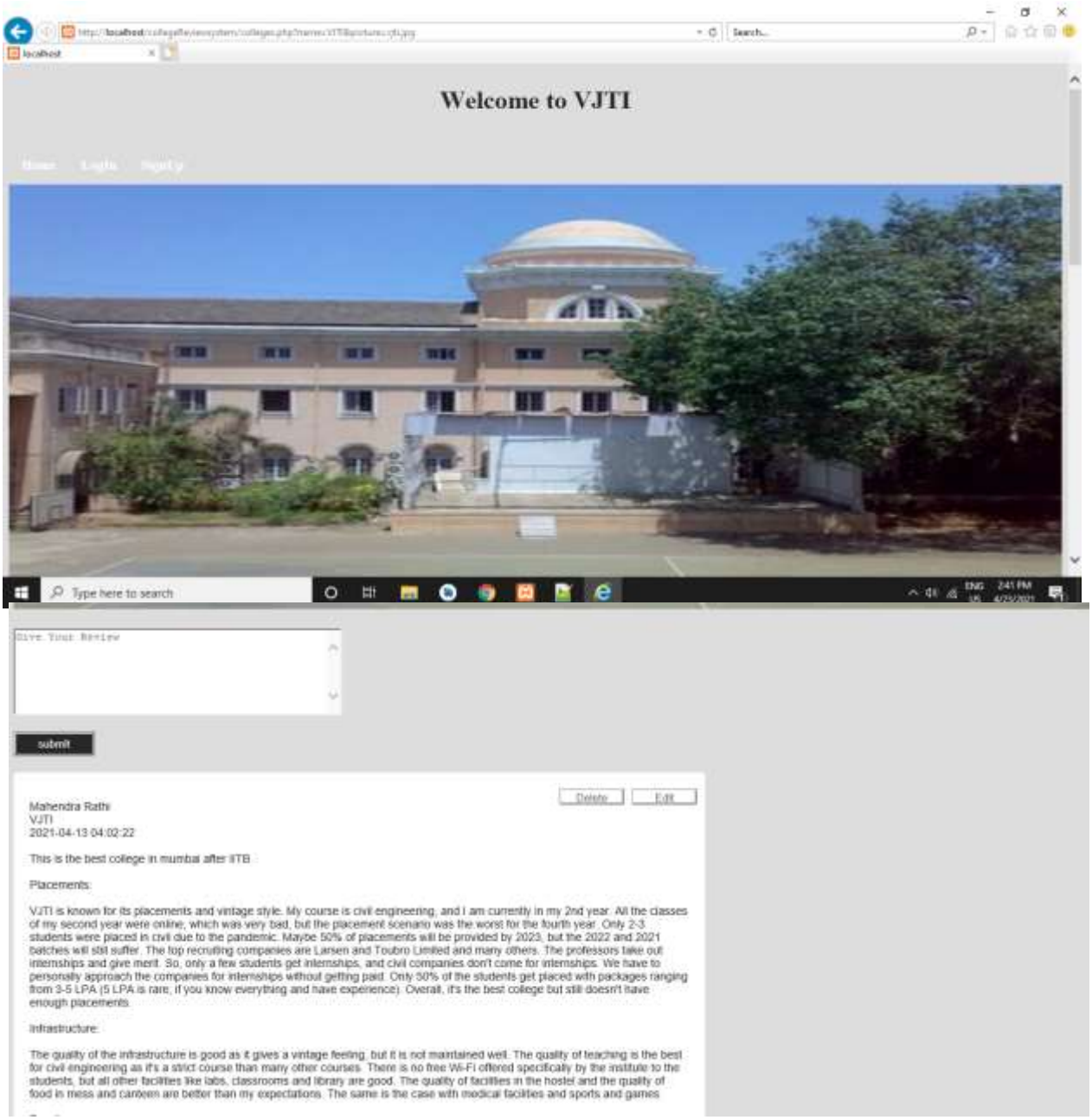


Figure 5.3: Review Page

6. Conclusion

With the Corona Virus pandemic, it is impossible to visit the colleges physically and know about their facilities but with the help of the College Review and Suggestion system, any student can check about all the facilities provided by the colleges from the comfort of their home. With the reviews given by the students of the same college, there won't be any misleading reviews.

Similarly, by reading the reviews college management can know the thought their students have on the facilities provided by them.

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