WWW.IJRPR.COM

International Journal of Research Publication and Reviews

Journal homepage: www.ijrpr.com ISSN 2582-7421

Career Guidance Tool

[1]Tanishka Sanghvi, [2]Shruti Sahu, [3]Richa Sharma, [4]Lavina Mehta, [5]Preeti Shukla

[1,2,3,4,5]Acropolis Institute of Technology and Research, Indore Computer Science Engineering

Abstract: -

Numerous students encounter difficulties in comprehending the available vocational pathways due to their restricted exposure and access to proficient mentors. Currently, we possess a Manual Career Guidance System managed by human counsellors. Nonetheless, this system is beset with several issues such as an insufficient number of human counsellors and negligible attendance of counsellors during school hours.

Key-Words: - Guidance, HTML, CSS, career quiz.

1. Introduction

The Career Guidance System is designed to assist individuals in successfully managing their career development by offering a range of services. Students have access to a variety of career options, allowing them to weigh the pros and cons of each choice. Career guidance is pivotal in supporting the efficient functioning of product markets and education systems to meet their objectives, as selecting a career path is indisputably one of life's most significant decisions. It comprises a series of strategies designed to facilitate an individual's career development, with counselling playing a fundamental role. The website offers an information system that benefits students by registering, taking a career quiz, and viewing the advisor page, which recommends the career path best suited to their interests and abilities. To summarize, this project aims to significantly contribute to resolving the issue of career selection by offering an accessible alternative to human counsellors. It will be readily available to individuals equipped with a functional browser and internet access, serving as a complementary resource.

2. Problem Foundation

2.1 Objective

The primary objective of this project is to introduce a web platform that assists pre-tertiary students in making informed career choices. The project aims to accomplish the following:

- Identify the challenges of the current manual career guidance system and facilitate students to explore their interests and access guidance on future career options and necessary skills.
- Develop a web-based career guidance system that enhances the existing human-guided approach.
- Implement an online application that helps young individuals gain self-awareness and receive recommendations on the career path that aligns with their strengths, interests, and goals. The tool also aims to complement the services provided by career guides and counsellors.
- The project intends to provide quality career services that cater to the developmental needs of students at different stages of growth, enabling them to plan their careers effectively and live fulfilling lives.

2.2 Scope

The scope of this project encompasses all individuals. It boasts a range of features such as assisting users in determining potential career paths based on their subject or topic of interest. By utilizing the latest AI/ML technologies and best practices, our tool provides valuable insights to guide students in visualizing their future paths. This solution is designed to present future career options to students based on their orientation and interests.

3. Literature Review

The dawn of the 21st century saw the emergence of the internet, which paved the way for numerous possibilities. Career guidance is one of the many fields that have benefited from this trend. Currently, there are several online career guidance websites available. However, one such platform,

www.careerfutura.com, requires a substantial fee for access to its services, thereby excluding those who cannot afford it. Moreover, it lacks a provision for a free trial. As a result, a project has been initiated to introduce a cost-free career guidance information system.

4. Methodology

To successfully develop and deploy a functional web-based career guidance system, the following techniques have been employed:

Firstly, a thorough understanding of the project's objectives and requirements has been gained in order to define the project scope. Secondly, the current manual system has been analysed, and a plan to computerize and improve it has been created.

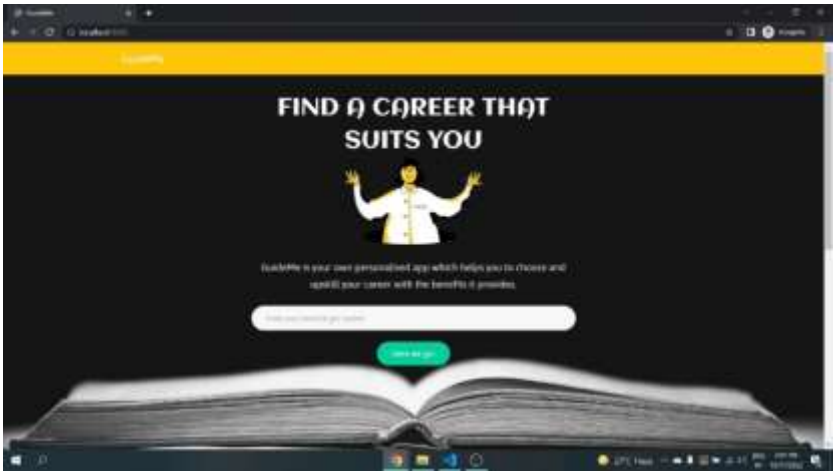
The development of the web interface has been undertaken using HTML and CSS, and a database has been created to manage the system's data. Furthermore, the pages of the site have been linked with the database to enable seamless data management, and the career quiz page has been designed.

In the development methodology of this project, a bottom-up approach has been used. The user's actions on the various pages of the system serve as the primary input, and these pages have been encoded utilizing HTML. Additionally, the layout and design of the pages have been accomplished using CSS (cascade style sheet) to deliver an exceptional user experience.

The system's user interface will allow for interaction through the selection of menus and quiz answers using radio buttons, with the ability to choose only one option out of four. The quiz questions will be managed through the use of PHP and SQL commands and stored in a database for retrieval. The resulting quiz outcomes will also be saved in the database, allowing for easy access by returning students. Multiple attempts at the quiz will also be possible, with each result saved for future reference.

5. Result Discussions

This project aimed to identify the challenges of the current manual career guidance system, and to develop a web-based solution that offers an enhanced approach to guide individuals towards suitable career paths. We have designed and implemented a practical web application, which serves as a valuable complementary tool for career guides and counsellors. Through extensive research into career guidance, and successful testing of our web application, we have demonstrated its potential to provide a more effective and efficient approach to career guidance.



6. Conclusion

The development and execution of a web-based system for career guidance aimed to utilize career guidance as a resource to assist students in selecting a suitable career path. The objective was to computerize the traditional guidance system and establish a virtual career advisor through a dedicated website. This platform would guide students in determining the right career direction and recommend suitable courses to achieve success in their chosen field.

Acknowledgment

We extend our deepest appreciation and sincere gratitude to Mrs. Preeti Shukla, Professor at AITR, Indore, for her unwavering support, invaluable suggestions, and inspirational guidance throughout the duration of this project. We are indebted to a number of individuals who played an instrumental role in bringing this project to fruition. Their exceptional academic proficiency and steadfast moral fortitude provided us with constant motivation and assistance.

References

Http://En.Wikipedia.Org/Wiki/CSS_Style_Sheets

Https://www.w3schools.com/html/html_colors_hex.asp

Http://Www.Mediahex.Com/Hypertext_Markup_Language_