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Language learning website

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ABSTRACT

E-learning through electronic mail, the Internet, the World Wide Web (WWW), and multimedia is a result of developing digital technology and growing interest in the computerized delivery of education. It has become a potential source of learning since the emergence of the World Wide Web. Technology is revolutionizing education, altering how, when, and where people can study while also empowering them along the way. We have created an online learning platform that provides free language education using various tasks. The website fulfills the need of many people who finds difficulty in learning a language. This will help people to learn multiple languages in a quiz format. Furthermore, our approach also provides resources that can enhance learning.

Keywords—E-learning, Language learning, Multilingual, online learning

1. INTRODUCTION

Learning a language helps to increase brain power, understand a particular culture, and bridge cultural gaps. Being multilingual is one of those skills that is viewed as impressive, and many people want to acquire it. Moreover, the importance of language competence is rising in today's global society. It can also open many potential career doors. According to studies, multilingual is better at problem-solving, more creative, and are better multitaskers.

The research found some of the models that emphasize learning language in a real teaching environment i.e through communicating and

interacting with peers. But while learning new language people might face a few problems like-

- Lack of time
- Poor vocabulary
- Lack of practice

Learning language using an online platform provides the flexibility of schedule and it is highly affordable. we have created a website where people can enhance their language vocabulary and practice the language in a quiz-like format spending minimal time on it.

2. METHODOLOGY/EXPERIMENTAL

B. Method

We created a Language learning website using tools such as Visual Studio Code, Django, React, and languages such as HTML, CSS, Javascript, and python.

For making websites, it requires front-end and back-end development. All features and external components that users interact with are included in a website's front end while Back-end development comprises a site's structure, system, data, and logic.

The three types of files, namely HTML, CSS, and JavaScript, were used to create a website's front end. When we access a website, these files are what the browser loads. HTML is the main file that is loaded in your browser and describes the structure of a Web page. Cascading Style Sheets, or CSS, is a technology that specifies how HTML elements

should appear on paper, screens, and other media. Javascript was used to enhance the functionality of page and make webpage responsive. We used visual studio as our code editor. It is a free source-code editor made by Microsoft.

For back-end development of our website, we used python language and Django for creating backend framework. Python is a high-level, general-purpose and a very popular programming language. Python programming language is being used in web development, Machine Learning applications, along with all cutting-edge technology in Software Industry. Django is a high-level Python web framework that encourages rapid development and clean, pragmatic design. Built by experienced

developers, it takes care of much of the hassle of web development. It's free and open source.

3. RESULTS AND DISCUSSIONS

Users can initially login into their account which leads to the homepage of our website. The home page is the first page after the login page. This page contains some information about our website and has the option to select the language we want to learn.

Thereafter, selecting any language leads to a webpage that contains sections: "How to start to learn and resources", "Career options and opportunities", and "Test your knowledge". The resources webpage contains information on how we can start our learning when we are at the beginning stage. The career options and opportunities section contains all information related to job availabilities in that particular country. There is a quiz to assess your language proficiency in the test your knowledge section.



Fig: Language page of our website

4. FUTURE SCOPE

In future, more languages can be added on our website. We can limit the time for a particular question in the quiz and produce test scores as soon as quiz finishes.

5. CONCLUSION

Learning new language provides professional and career advantages. Multilingualism improves a person's working memory. A multilingual education works to improve the working memory of the individual learning multiple secondary languages.

Our website helps user to learn various languages using resources and test your knowledge quiz spending very little time.

6. ACKNOWLEDGMENT

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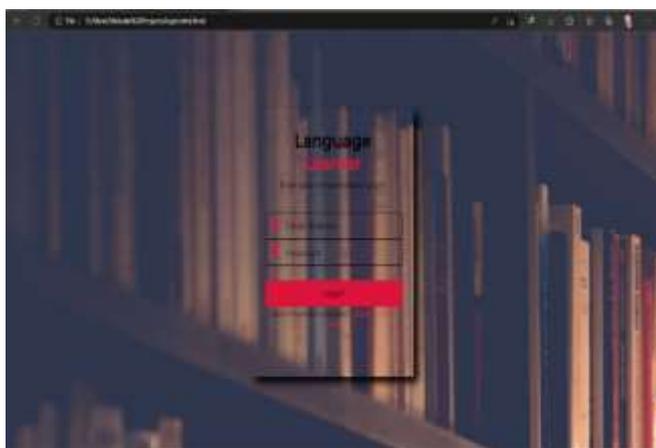


Fig: Login page of our website



Fig: Home page of our website