

PLAGIARISM SCAN REPORT

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Python (using Anaconda Navigator)

Python is a popular high level, interpreted and general purpose programming language. While anaconda is a distribution of the python that aims to simplify package management and deployment. Here python is used to call the HTML script and run the program in the browser.

Web Search

Web Search is done using search engine. A search engine helps to organize the data on the internet. A lot of searches were made during this project to learn different skills for the project and knowledge. Online searches are fast, cheaper and easy to find and use.

Alternative for technology used

Yes there are many alternatives for different technologies that have been used here. Elm is a language that replaces all the three HTML, CSS and JavaScript. It is easier to use and learn but main drawback is that some of its functions are unsupported on few search engines as they are under development.

Instead of using JavaScript we can also use PureScript and ClojureScript that is fun to use. But I have not used it as they are not very common among college students and for beginners.

Visual Studio is an IDE (Integrated Development Environment) that is used for developing web sites, web applications, web services and programs for Windows. We can use Visual Studio, Notepad++, Jupyter Notebook, Spyder and many more apps to edit text as an alternative for Sublime Text 3.

Books (on the topics- web development, HTML, CSS and JavaScript) are the best alternative for web search as they give us a deep description on the history, working and logic behind these programming languages and subjects.

Why the technology was preferred?

For gathering information and skills for the completion of my mini project, I preferred to do my research on web instead of much looking into books as web searches were fast and I was able to understand them through online lectures, youtube and articles on the internet. It was also cheap and I could clear many of my doubt through one click.

As I have used Sublime Text as a text editor for writing the code of my programmes for a long time, so now I am comfortable with its UI (User Interface) that is why I went with it instead of using other text editors.

History and features of the technology

History of the technology used

Sublime Text was an imaginative work done by Jon Skinner who left his job as a software engineer at Google in order to pursue his dream to build a better text editor. On January 18, 2008 the initial version of Sublime Text was released. In 1993 Tim Berners-Lee created the first version of HTML. After that many different versions of HTML have been created of which HTML 4.01 was most extensively used all over the world and become an official standard in December 1999.

CSS was proposed to bring forth the issue of style sheets for the web. It was first proposed by Hakon Wium Lie on October 10, 1994.

In September 1995, a Netscape programmer named Brendan Eich developed a new scripting language in just 10 days. It was at first named Mocha, but post haste became known as LiveScript and later JavaScript.

Python implementation first began in December of 1989. It was formulated at Centrum Wiskunde and Infomatica in Netherlands by Guido van Rossum as a successor of ABC programming language.

Features of the technology used

Sublime Text

Go to anything and any definition.

Multiple selections.

Command palette.

Powerful API and package ecosystem.

Cross platform.

Fast speed and better indentation.

HTML 5

Video and Audio tags.

It requires less effort to learn and use.

Placeholders.

It is platform independent.

CSS

The framework of a web page is better handled.

It has better device compatibility.

Ability to Re-Position.

Style (CSS) kept separate from structure (HTML), means smaller file size.

JavaScript

Object-Centred Script Language.

Client edge Technology.

Validation of User's Input.

Else and If Statement.

Interpreter Centred.

Ability to perform In Built Function.

Case Sensitive format.

Light Weight and delicate.

Python (using anaconda navigator)

Compiled with latest python release (anaconda).

Python is object oriented language.

It is high level portable language.

New and wide range of packages.

Industrial Relevance of the Technology used

All the technologies used here have a very crucial role in the Industries. They can be used in Web development services. These services help the company to increase product knowledge, maintain communication between them and potential clients, sell their products or services and increase the popularity of the company. These languages are also used in Artificial Intelligence and Machine Learning which have a very vast area of scope. Sites, apps and online services can be made by using HTML, CSS and JavaScript. Online games and apps are made by the companies and are published on different app stores for customers. Websites help in making people aware about the services and products one is offering and also helps in customer feedback using online surveys as they are two-third time faster than conventional method of taking surveys. Industries use many applications to for getting desired employees. Many web applications are used to store data in cloud storage, for communication and also for data management and attendance.

Societal Relevance and Impact of the Project

As we know that there is a very large scope for web developers and programmers in today's world, learning these skills can be very beneficial for people. From my project people will get to know how easy and interesting this topics are. This will spread awareness in society about the emerging fields and job opportunities in the IT sector.

Future Scope of the Project

This 'Rock Paper Scissors' game can be further improved by using more advanced graphics and can be customised for different devices and OS, then we can register this game on different app stores and do its monetization. In future, I will try to build more such games and then integrate them all together under one single app or website.

Sources	Similarity
GitHub - maxangelo987/.PY: Python is an interpreted, high-level... .PY. About. Python is an interpreted, high-level, general-purpose programming language. https://github.com/maxangelo987/.PY	25%
Anaconda (Python distribution) - Wikipedia Anaconda is a distribution of the Python and R programming languages for scientific computing that aims to simplify package management and deployment. https://en.wikipedia.org/wiki/Anaconda_(Python_distribution)	25%
	4%

The History of Everything You Need to Know ...

<https://www.springboard.com/blog/history-of-javascript/>

Web Design: The Advantages of CSS - CATMEDIA Internal...

style (css) kept separate from structure (html), means smaller file size reduced file size means reduced bandwidth, which means faster loading time another way to increase bandwidth is to decrease the size of a css file with compressor tools.

<https://catmediatheagency.com/the-advantages-of-css-in-web-design/>

4%