Building Quotify – The Writers' Website

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Abstract: The basic idea of "QUOTIFY – THE WRITERS' WEBSITE" is to provide the platform for readers and writers. Social network plays a major role in today's internet technology. The need for self-expression is an important part of our lives. When we don't express ourselves, we repress important parts of who we are. Our restlessness turns to panic. Finding creative, healthy, productive ways to express ourselves, such as poetry, quotes, write-ups and even speaking out loud, can be the remedy to our painful, destructive patterns. Quotes writing and reading are today's prominent social media on the internet which allows reader and writers to interact with users efficiently with their knowledge, personal details, general information, views, and experiences. Because of the popularity and easy access to extract, most of the people started conveying through writing for various purposes. Quotify will become that website, (which is built on React and MariaDB and hosted on AWS cloud) where one can write or read a thought, since the recites are open and free to all.

Keywords: Quotes, Writers, Cloud, AWS.

I. INTRODUCTION

In today's digital age, the internet has revolutionized the way we share information and connect with others. Social media platforms have given rise to a new era of content creators and influencers who share their thoughts and ideas through various mediums such as text, images, and videos. However, there is still a growing demand for a platform that allows writers and readers to share their quotes and poems in a more organized and accessible way.

In earlier days poems or quotes is used as a medium for the publication of simple online personal diaries. Later stage it become the capacity to engage people in collaborative activity knowledge sharing, reflection and debate. The one promising solution is using trust relationship among the online content posting platformers and readers. The purpose of this project is to design and develop a website that caters to the needs of both writers and readers by providing a platform for them to post and share their quotes and poems. The website will allow users to browse through a vast collection of quotes and discover new ones based on their interests and preferences. Users can also create their own profiles, follow other users, and save their quotes for future reference.

The website will be designed with a simple and user-friendly interface, making it easy for users to navigate and post their quotes. It will also incorporate various features such as search filters, tags, and categories to help users find the quotes they are looking for more efficiently. Additionally, the website will provide a platform for writers to showcase their work and gainrecognition for their talent.

Overall, this project aims to create a community-driven platform that fosters creativity, inspiration, and connection among writers and readers. By providing a space for users to share and discover quotes, the website aims to promote self-expression and personal growth while also creating a sense of belonging and community.

II. LITERATURE SURVEY

Background History:

History The concept of a website for writers and readers to post quotes and poems has its roots in the early days of the internet when online communities and forums started to emerge. In the early 2000s, several websites and online platforms emerged that allowed users to share their creative works with others. These websites often had a dedicated section for poetry and quotes, but they were not specifically designed for that purpose.

Over time, as the internet grew and social media became more popular, the idea of creating a dedicated platform for writers and readers to share their poetry and quotes gained traction. Many people wanted a space where they could showcase their creative works and connect with other like-minded individuals. This led to the development of several websites and online communities focused solely on poetry and quotes.

One of the earliest examples of such a platform is PoemHunter, which was founded in 2002. PoemHunter allowed users to search for and read poems, as well as submit their own works. The platform quickly gained popularity and attracted a large user base. However, it was primarily focused on poetry and did not offer a dedicated section for quotes.

In 2005, Goodreads was launched, which was initially designed as a social networking site for book lovers. However, it also allowed users to share quotes and create quote collections. Goodreads became very popular among readers and writers, and its quote-sharing feature was widely used.

Since then, several other platforms have emerged, each with its own unique features and focus. However, the idea of creating a website that specifically caters to both poets and quote enthusiasts has remained a popular one.

By creating Quotify, you hope to provide a space where writers and readers can connect and engage with each other, as well as showcase their creative works. You believe that such a platform will not only be a valuable resource for individuals interested in poetry and quotes, but it will also help to foster a sense of community and creativity online.

Related Work:

There have been several related works and platforms that have explored the concept of a website for writers and readers to post quotes and poems. Some of these include:

- Poets.org - Poets.org is a website maintained by the Academy of American Poets. It features an extensive collection of poems, as well as resources for poets and poetry enthusiasts. The website also allows users to submit their own works for consideration.
- Your Quote - Post your original writings in any language on beautiful wallpapers or your own photos. Create a stunning portfolio of your original writings Record our short 1 min performances ranging from spoken word, stand-up comedy, songs, raps or acting.
- Quotev - Quotev is a social media platform that allows users to create profiles and share their favorite quotes, as well as stories, quizzes, and other creative works. It has a large community of users and is particularly popular among younger readers and writer's media platform that allows users to post and share various types of content, including quotes and poems.

Limitations of Existing Work:

Though there already exists some apps that work on the interest of readers and writers, still there is some room for improvement that Quotify tends to fulfil.

• Apps such as Our Quote is now providing their services to premium users only, which highly disappointed the free users.

III. PROPOSED SYSTEM

The user has to interact with the website through the functionalities provided on the frontend. At first, a sign-up page will pop up for the new users, wherein they need to create an account. By signing up, one gets access to the website. The other time the same user wants the access to their account, they will simply have to log in to their account with the email/user id and password that they set when signing up for the first time as shown in fig. 1.

Once the user creates the account, they can then set their profile and upload their work. They can also follow other accounts and read, like and comment on others' post. Once they are done using the website, user can then exit by logging out from their account, for privacy concerns.
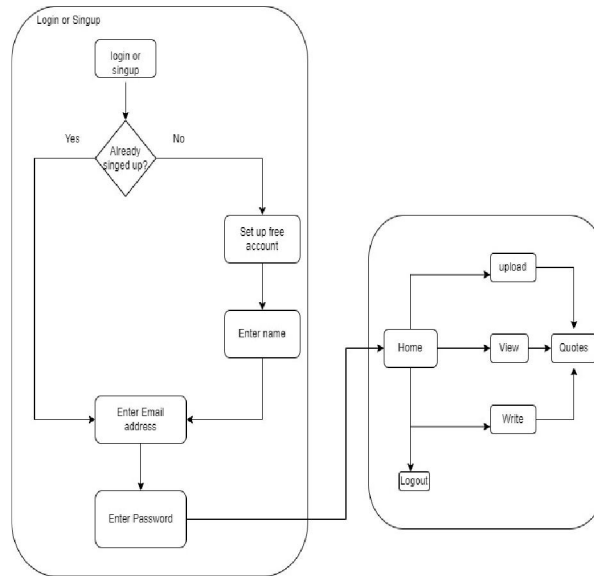
Fig. 1: Working of Website

IV. CLOUD ARCHITECTURE

The below architecture is based on AWS (Amazon Web Services) cloud providing platform. In this architecture we are going to host our website using some of the AWS services that are shown in the above fig. 2. Also, we are going to use some of DevOps tools to create a CI/CD pipeline for continues integration and continues delivery.
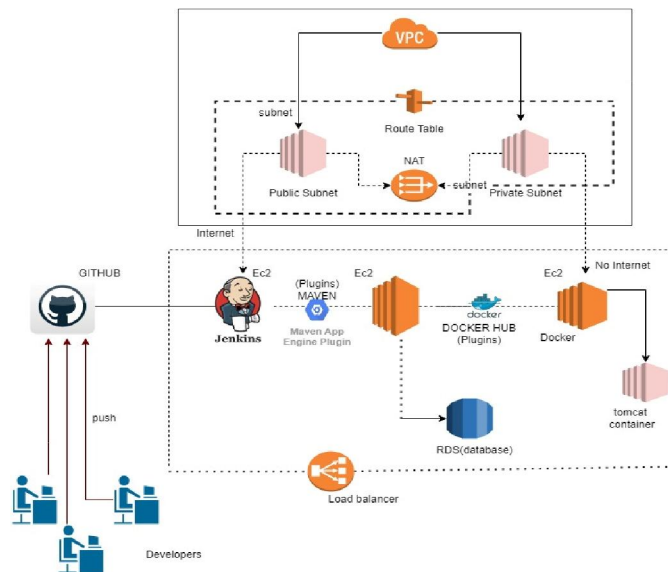

Fig. 2:Website Deployment Architecture

At first, we will be creating a virtual private cloud using AWS VPC service and will be creating a server through it. Two Subnets will be connected, wherein one subnet has internet access (i.e., public subnet) whereas the other won't (i.e., Private subnet). These subnets will be connected to NAT gateways that provides internet from instances within a private subnet and has routing tables.

So basically, once the developer pushes their code on GitHub, Jenkins pull the code and start testing and deploying process and once it done the website is available for the users. RDS service will be used for providing database to the website. If there is heavy traffic on the website, so in order to avoid website crash, a Load balancer has been installed to balance this load and result in smooth functioning of website for everyone.

V. CONCLUSION

Quotify is a user-friendly platform that helps writers and readers to interact through a social platform. With the teacher operating through a well-organized instructional design in the classroom or in a virtual platform, a blog is definitely a good starting point for writers to make depart from traditional methods of writing in favour of a much more interactive, writerly and readerly approach, on their finger-tips.

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