

FULL STACK PROJECT

(2020-2021)

THE WRITER NEXT DOOR

(Blog Website)

SYNOPSIS

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INTRODUCTION

In this cut throat competition, full stack development is one of those fields that is experiencing great demand in IT industries. It has gained a lot of scope in the topnotch industries. Therefore, being a Computer Science student, it becomes quite necessary to learn such full stack technologies in order to increase one's career prospects. For this, it is important to have practical knowledge of languages and build projects that can be utilized and worked upon in future and among such projects is "The Writer Next Door – A Blog Website."

PROBLEM STATEMENT

In this digital era where every skill or talent needs to be outreached to people to gain engagement, there comes a need to provide an open platform to all those writers who want to publish their write-ups and want the world to engage and appreciate their work. This will assist them in boosting their skills and will also help them to connect with new writers.

OBJECTIVE

The main aim of this project is to build a platform for all the writers who want their write-ups to reach out to people and can gather engagement and appreciation from other people. This will also help them to encourage towards frequent blogging and also they can connect to new writers and can see their works.

- There are following users: Writers and Guests
- Guests can access and visit the website in order to read write-ups from various writers posted by them and can connect to the admin for feedbacks or queries.
- Writers can publish their write-ups, connect with other writers and can see their work too.

WORKING METHODOLOGY

This project will mainly have a section where writers can upload their write-ups which can be quote/ poems/ articles/ blogs/ stories etc. The next section would consist of various write ups posted by various other writers. It will also have a section that will include information about the website and the various ways to connect with the admin via social media sites for queries and feedback.

User functionalities:

- 1) Writers can upload their works on the platform and can get to know about other writers.
- 2) Guests can visit the platform, read articles and can connect to the administrators via social media sites like Github, LinkedIn and Instagram for queries or feedbacks.

MODULES INCLUDED

- ❖ Home- The introductory page of the platform
- ❖ About Us – Description about the utility of the platform and its objective
- ❖ Our Team – Details about the team members of this project
- ❖ Testimonials – Statements to describe the quality and success of the platform
- ❖ Upload Write-ups – Section for writers to upload their content/write ups.
- ❖ Writer's Block – Section to read articles written by other writers.
- ❖ Contact Us – Section to connect to the administrator.

SPECIFIC REQUIREMENTS

Hardware Requirement (Minimum)

- ❖ 2 GB RAM
- ❖ Dual Core Processor ❖ Internet

Software Requirement

- ❖ System Software
 - Operating System (Windows,Linux)
- ❖ Application Software
 - Tools used - Visual Studio Code Editor
 - Programming Language - Javascript
 - Front End Technologies
 - HTML
 - CSS
 - Bootstrap
 - JQuery
 - Back End Technologies
 - Node Js
 - Express Js
 - Mongo DB

TECHNOLOGIES USED

HTML5: It is used for giving eye catching look to the website and also provides easy to use GUI.

CSS3: CSS is known as Cascading Style Sheet which is used to give designer look to HTML using the external file.

JavaScript: JavaScript is used for client-side scripting which can help in using validation on the website and many more other functions.

Bootstrap: Bootstrap is a web framework that focuses on simplifying the development of informative web pages (as opposed to web apps).

jQuery: jQuery is a JavaScript library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Ajax

Node.js: Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that runs on the V8 engine and executes JavaScript code outside a web browser.

Express.js: Express.js, or simply Express, is a back-end web application framework for Node.js, released as free and open-source software under the MIT License.

MongoDB: MongoDB is a source-available cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with optional schemas.

TEAM CONTRIBUTION

The strength of our team is 3 members:

- Yash Srivastava (181500829)
- Saurabh Tripathi (181500641)
- Mohit Tiwari (181500329)

The modules are divided among the members as given below: (as planned till now)

Yash Srivastava – Writer’s Block and Upload Write- ups section and backend

Saurabh Tripathi – Home, About Us and backend

Mohit Tiwari – Our Team, Testimonials, Footer section and backend

LIMITATIONS OF THE SYSTEM PROPOSED

- ❖ It is one user interface website.
- ❖ The user can expect more features or want to gather more information.

ONLINE GIT REPOSITORY

<https://github.com/yashSrivstav/FullStackProject2>

CONCLUSION

From proper analysis of positive points and constraints on the platform, it can be safely concluded that “The Writer Next Door” is efficient UI based platform. This platform can be easily used in many other systems. Also, “The Writer Next Door” is user friendly. Generally, writers need to reach out to people themselves to gain engagement which is quite time and effort consuming. This all information has to be managed manually. So, there is a need to develop a platform that can solve the mentioned problem. Thus, “The Writer Next Door” comes with just that solution.

REFERENCES

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