QUERY STAND WEB DEVELOPMENT WITH USER AUTHENTICATION

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ABSTRACT –

Web development is that the process of making an internet site from the bottom up. Web development is divided into two categories: front-end development (also known as client-side development) and back-end development (also called as Server-side development). Front-end development is that the process of making the content, design, and interaction that a user sees once they open an internet application. HTML (Hypertext Markup Language), CSS (Cascading Style Sheets), and JavaScript are used to do this. Back-end development is in charge of what happens behind the scenes of a website. The Front-End is frequently generated by the Back-End using a database. This is where the info is kept, and without it, the front would be useless. The web's back-end consists of the server that hosts the website, as well as an application for interacting with it.

KEYWORDS – *HTML, CSS, JavaScript, Node.js, Express, Mongo dB*

1. INTRODUCTION

Web Cybersurfers admit HTML documents from web garçon or from original storehouse and render the documents into multimedia web runners. HTML describes the structure of a web runner semantically and firstly included cues for the appearance of the document. JavaScript frequently shortened as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high position, frequently just in time collected and multi paradigm. It has dynamic typing, prototype- grounded object exposure and first- class function. As a multi-paradigm language, JavaScript supports event driven, functional, and imperative programing styles. It has operation programming interfaces (APIs) for working with textbook, dates, regular expressions, standard data structures, and the Document Object Model (DOM). MongoDB is a source available cross platform document- acquainted database program. Classified as a NoSQL database program, MongoDB uses JSON-suchlike documents with voluntary schemas. MongoDB is developed by Mongo DBInc. and certified under the Serverside Public License (SSPL)Node.js is an open source, cross platform, aft end javascript runtime terrain that runs on the V8 machine and executes JavaScript law outside a web cybersurfer.Node.js lets inventors use JavaScript to write command line tools and for garçon- side scripting — running scripts garçon- side to produce dynamic web runner content before the runner is transferred to the stoner's web cybersurfer. Accordingly,Node.js represents a"JavaScript everyplace"paradigm, unifying web operation development around a single programming language, rather than different languages for garçon- side and customer- side scripts.

2. LITERATURE SURVEY

A literature check or a literature review in a design report is that section which shows the colorful analyses and exploration made in the field of your interest and the results formerly published, taking into account the colorful parameters of the design and the extent of the design. It's the most important part of your report as it gives you a direction in the area of your exploration. It helps you set a thing for your analysis- therefore giving you your problem statement.

2.1 QUERIES

- Queries are frequently appertained as mistrustfulness or query about a matter asking a question about commodity, especially in order to express one's dubieties about it or to check its validity.
- A query is a single question; an inquiry (or enquiry) may be a single question or extensiv e disquisition

(i.e., a series)

2.2 EXISTING SYSTEM

- For getting an answer to a particular query there are different kinds of websites if we takesearch engines like google, Bing, Yandex.

Drawbacks:

- We don't always get accurate solution to a query, so in the existing systems there isn'tenough accuracy.
- There is no privacy for user's answers (Everyone can view our answers without any userverification).

2.3 PROPOSED SYSTEM

- The proposed system has following advantages over the existing system:
- Accurate solutions to a particular query.
- Privacy for user's answers (Only those who have created the account in website can viewthe answers).

3. SYSTEM ARCHITECTURE

A system armature illustration would be used to show the relationship between different factors. Generally, they're created for systems which include tackle and software and these are represented in the illustration to show the commerce between them. Still, it can also be created for web operations.

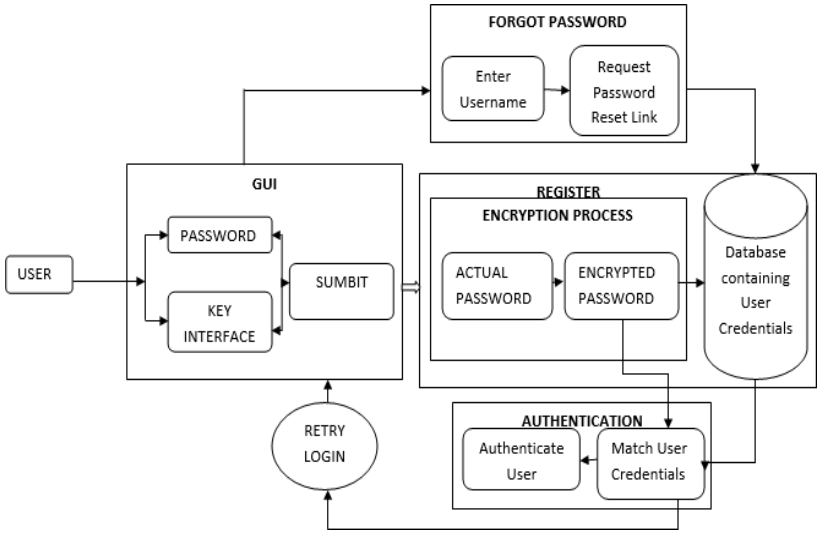

Fig.3 Architecture for User Authentication

4. IMPLEMENTATION

For implementing a dynamic website which gets usual get and post requests it needs to be implemented on a fluid and secure server environment, we used node JS as a Back-end java script run-time environment. Installed a back-end web application framework called express JS for designing and building web applications quickly and easily from NPM (node package manager), used Mongo DB as a NoSQL database to store the input from web browser. We have divided cluster into two collections namely answers and questions. The initial page consists of website logo with two options namely register/login if a person is already registered, he can directly login into the webpage using their registered username and password. If he/she is a new user they first need to create an account by providing their username, password, mail id, gender, phone no. After providing with username and password the entered values are cross check with the values stored in the database, if both the values are equal then only user gets an access to our webpage. Users after logging into the website can post their questions or provide other users with answers to an asked question. We have designed questions with few parameters such as edit, delete where users can change the question or delete it based on their convenience. We have hosted the web application with Heroku which is a PAAS (platform as a service) provider. To access our website, www.querystand.herokuapp.com needs to be typed in their respective web browsers as a URL.

5. RESULTS

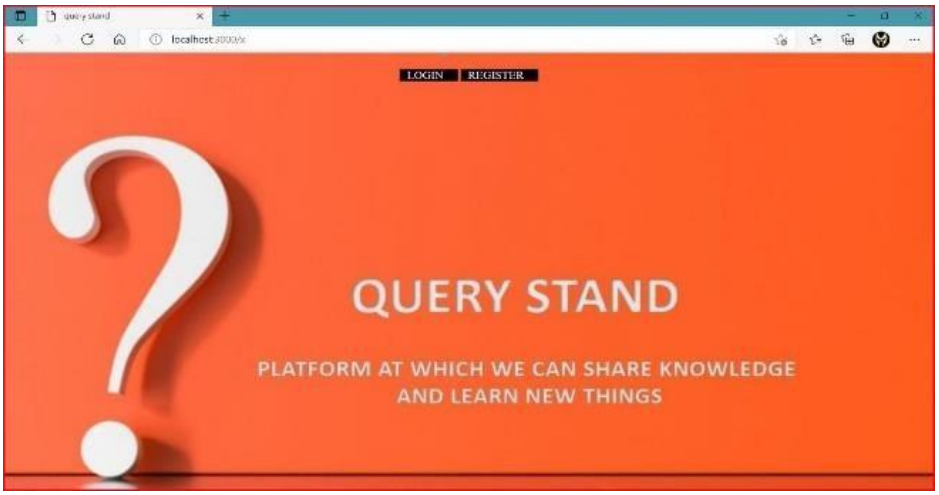

Figure 5.1: Homepage

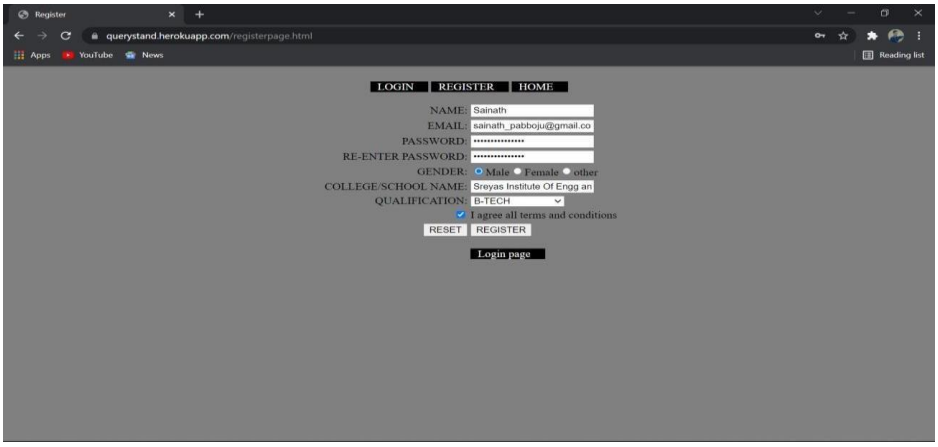

Figure 5.2: Register Page

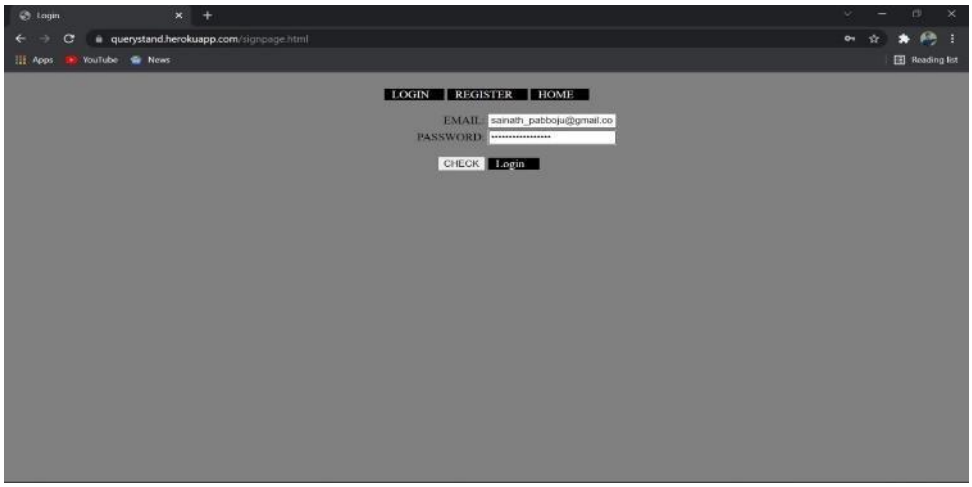

Figure 5.3: Login Page

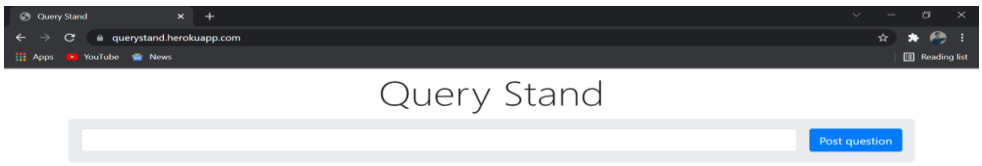

Figure 5.4: Question posting page

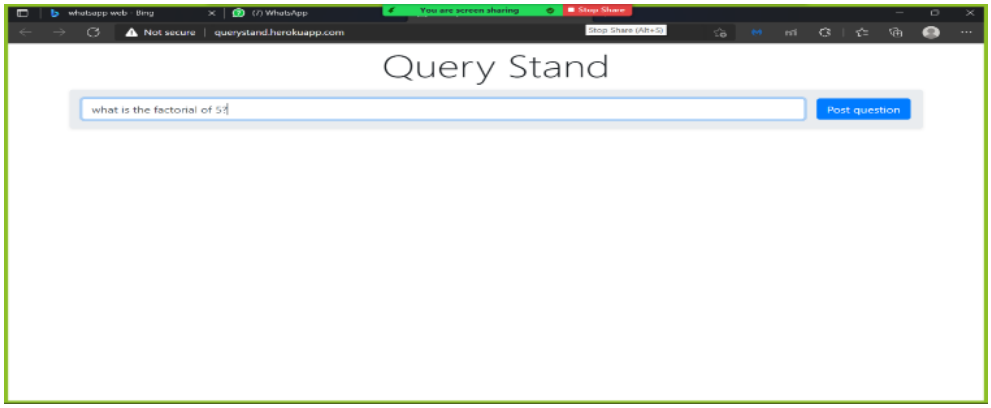

Figure 5.4.1: Inputting question

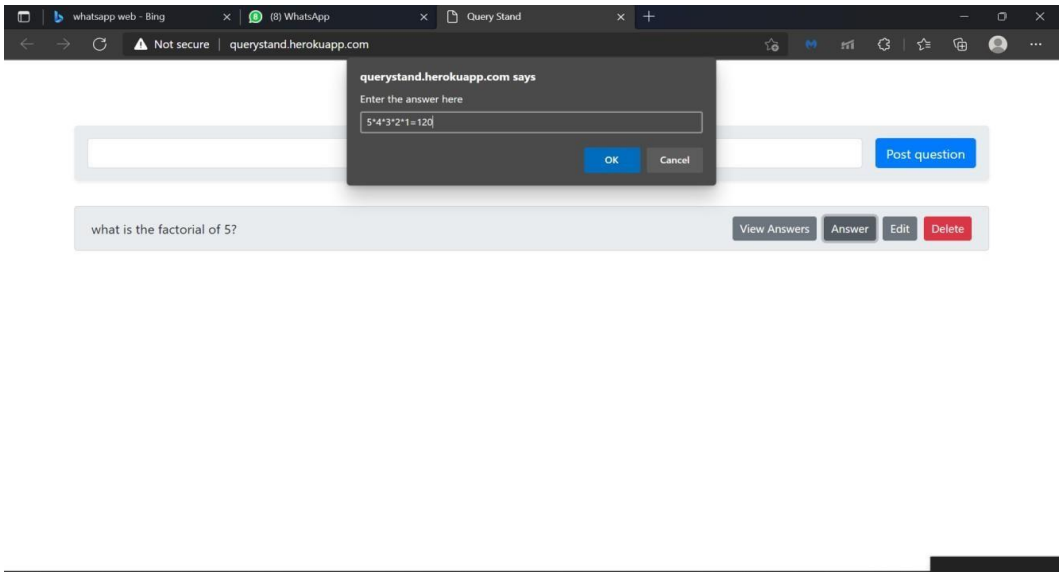

Figure 5.4.2: Entering an answer

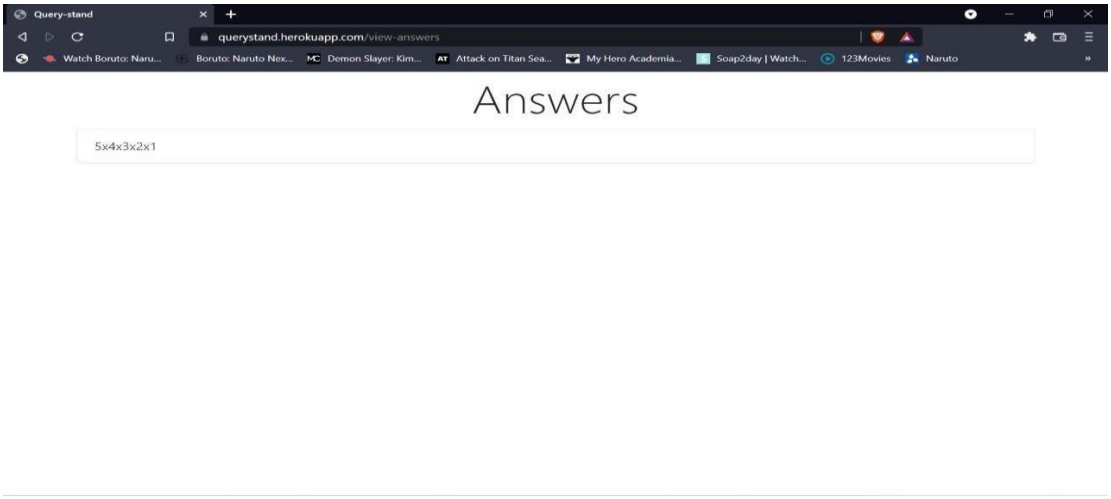

Figure 5.5: Answer page

6. Conclusion and future scope

6.1 Conclusion

- Privacy is maintained in the web page.
- As only registered user will have access to web page
- Users can edit or delete their queries which also provides flexibility.
- Our project is helpful to those who want to have solution to their queries.
- It will be more and most useful for the young generation to decide their career.

6.2 Future scope

- It is surely going to impact many aspects of our daily life.
- All institutions or companies can use this project as a model for solving their employees or student queries.
- This project has capability to evolve into social media website in near future.

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