iJRASET
International Journal For Research in Applied Science and Engineering Technology



# INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

**Volume:** 9 **Issue:** VII **Month of publication:** July 2021

**DOI:** https://doi.org/10.22214/ijraset.2021.35102

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International Journal for Research in Applied Science & Engineering Technology (IJRASET)
*ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429*
*Volume 9 Issue VII July 2021- Available at www.ijraset.com*

# LETSCHAT - A Dynamic Web Application

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***Abstract:*** ***Use of social media increasing day by day in 21st century social media plays key role for this generation every are aware of this social media . not even young guys but old peoples also enjoying social media .Day by day new type of social media app are launching there are lots of social media apps . most used apps are facebook , Instagram , twitter etc. By taking idea from this we also developing a web application " letschat" this application is for peoples of particular institution peoples those are in same institution having particular institution mail id only these person are able to create and use this application. The project "LETSCHAT "is a web based application. This project is based on angular 8. This software is for Galogotias university student. For creating account Students can use galgotias university mail id only no other mail id will work to create account in this application. Through this application students can interact with each students. Students also can share post with each other. In this we are going to use angular 8 concept.***
***Keywords: Web application, within campus, angular 8.***

## I. INTRODUCTION

Project "LETSCHAT" is a web-based application. This project is based on angular 8. This software is owned by a university student of galogotias. Creating an account Students can only use galgotias university post id only no other email will work to create an account in this application. With this application students can interact with individual students .Students can also share posts with each other. For this we will use the angular concept 8.

In this project we will use mysql data base.

Angular 8 is an framework and it is used to create web application . It is compatible with JavaScript. It is also very similar to its previous versions of the angular frame work except that it has many broad features.

Angular Framework is very popular java script platform for developing mobile client application and web applicaton .Angular Community has released its latest version known as Angular 8.

The JavaScript framework is a javascript-based application framework. It differs from the JavaScript library in its control navigation. The libraries provides function that will be called a parent code, and the framework describes the entire application. The developer does not call the framework; instead, the framework calls for and uses code in some way. Another JavaScript framework follows a model-view-control paradigm designed to separate a web system into extraneous units to improve code quality and retentions.

Logo of application shown in fig. 1.




Fig 1.

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## II. PROPOSED WEBSITE

*A. Features*

*1)* It provide new chatting platform.
*2)* It will connect all peoples of same institution to each other.
*3)* This will also include sharing of files , photo , video etc.
*4)* It will provide new way of chatting sharing.

## III. LITERATURE REVIEW

Internet communication is becoming increasingly social. Without using cell phones or cars and sending emails, people can now communicates with others through chat technology. Conversation, a type of Internet technology that supports interpersonal communication. letschat for example, is one of the latest chat app. Two years ago, with a high level of technology. And fun people who use social media. Chat users can chat, send messages, files and URLs. Yahoo! Also provided a chat room service called yahoo chat . it is first launched on January 7, 1997. It was considered a feature in the first release of Yahoo! Pager. The first version of the yahoo chat was released on March 9, 1998. Yahoo Chat allows its users to create chats, send messages and use icons. Skype is an instant messaging app.

Chat applications enable us to connected anytime anywhere with others in the world. There are many programs that provide chat services, the most popular among them are WhatsApp, Facebook messenger, yahoo IM, email etc.

Provides online text messaging and video chat services online audio services . Users can transmit text and video messages and allow digital text exchanges. Skype allows video conference calls and whatsapp allows video , audio and messaging services .

In lets we can easily chat with each person and chat group again

When a user logs into an app then we need a bi-side connection between the user and the app to communicate with others. Here are some applications that can be used for bi-side connections.

Similar to yahoo chat, our app allows chat and can only be used by galgotias students. only the University id of Galgotias will work to create an account on letschat.

Many apps that offer chat services, the most popular among them are WhatsApp, Facebook messenger, yahoo IM, email etc.

The system database contains all user data and this data is stored securely in a database4

A project called LETSCHAT: Improvement and Innovation of Access and Retrieval for Effective Research Activities in University social media .The instant messaging conversation is as diverse as the actual conversation. Some students spend 23 hours a day while others spend 2 hours a day. There are so many ways a college student's rate of using letschat is unlikely to be called good or bad. That would be a huge reduction. It is fair to say that letschat is a communication tool that everyone can use differently depending on their personality and social habits.

## IV. REQUIRED TOOLS

Software

*1)* HTML- framework
*2)* CSS
*3)* Java script
*4)* Angular 8 (javascript frame work
*5)* Mysql - database

## V. FEASIBILITY ANALYSIS

Data collected during this period showed that there is a high percentage of people who use smartphones that support multiple cell phones based on the app. There are also a high percentage of users of chat apps in the country and many use these apps as a way to communicate with family even though some of these apps have security issues. Therefore, this data indicates that there is an excellent market share for a new chat app with a good security feature and made in our country. A new generation like those applications that give their new idea new concept apps are like new Additional support to prove the possibility of developing a mobile chat app in the country is very high. The demand for social media has also increased day by day. a high percentage of people can use the chat app developed in our country. Young people especially spend most of their time chatting when they find an attractive chat room with new features that they will enjoy.

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## VI. WORK PLAN

### A. *1st Phase*

*1) Frontend:* When it comes to web Designing it's easier and important to focus on one task at a time.
So, First we will create a temporary portfolio of our website on a notebook and then according to it we will start working on it using the HTML and create the basic structure of our website**.**
After that we are going to develop whole process .
Database is also important to save whole data of user ,
Important thing that security is also important to keep data secure.

Sign up. Page shown in fig 2.

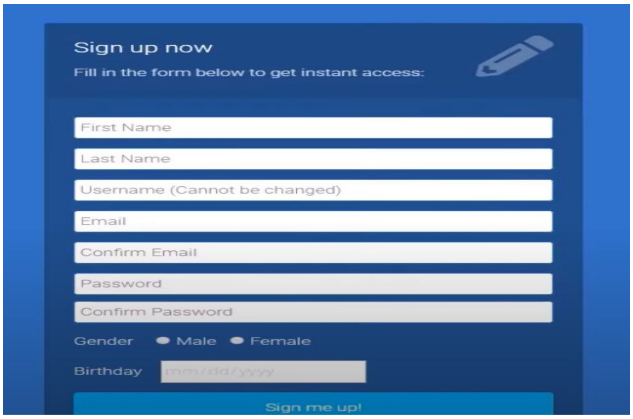



Fig 2.

*2) Backend:* We will use angular 8 Java script making backend of our website as this back end code will adds efficacy to everything to the front-end of the website . This is responsible for creating, maintaining, testing, and debugging the entire back end. This include the core application logic, databases, data and application integration, API and other back end processes.

### B. *2nd Phase*

*1) Database*

Till now, we completed our first phase of making a website by building the front-end and back-end to make it responsive.
But without a database the website will not be in use for the people.
As Database, is a collection of data, or information, that is specially organized for rapid search and retrieval by a computer. Databases are structured to facilitate the storage, retrieval, modification, and deletion of data in conjunction with various data-processing operations.
For preparation of database, we will use MYSQL
First we will make the ENTITY-RELATIONSHIP diagram for our modules.
Now, according to the diagram, we will make tables by using different mysql queries like create, delete, append etc. For recommendation of material our website need,

*2) Connection:* As such, front-end, back-end and database are built. Thereafter, we will link these three components to a shared website functionality as each of them acts as a concerted effort for the responsive website functionality. The frontend (client) usually communicates with the backend (server) using a protocol (possibly HTTP) with a potential API. The backend detects these calls and when it has to download data to the database it does so, usually calling the backup database via TCP (from mysql), downloading that data, processing it and sending it back and forth.

## VII. CONCLUSION

Conversation via instant messaging is as varied as conversation itself. Some students use it 23 hours a day while others use it 2 hours a day. There are so many ways for the average college student to use letschat that it is impossible to label it as being good or bad. That would be a huge oversimplification. It is more appropriate to say that letschat is a tool of communication that everyone can use differently depending on their personality and social habits.

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*ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429*
*Volume 9 Issue VII July 2021- Available at www.ijraset.com*

## VIII. ACKNOWLEDGMENT

Presentation, inspirations and motivation have played an important key role in the success of any ventures. I pay my deep sense of gratitude to GALGOTIAS UNIVERSITY to encourage us and to provide us the golden opportunity to prepare the project. I am immensely obliged to my fellow project partners for their elevating inspiration, motivation , guidance and equal contribution towards this project.

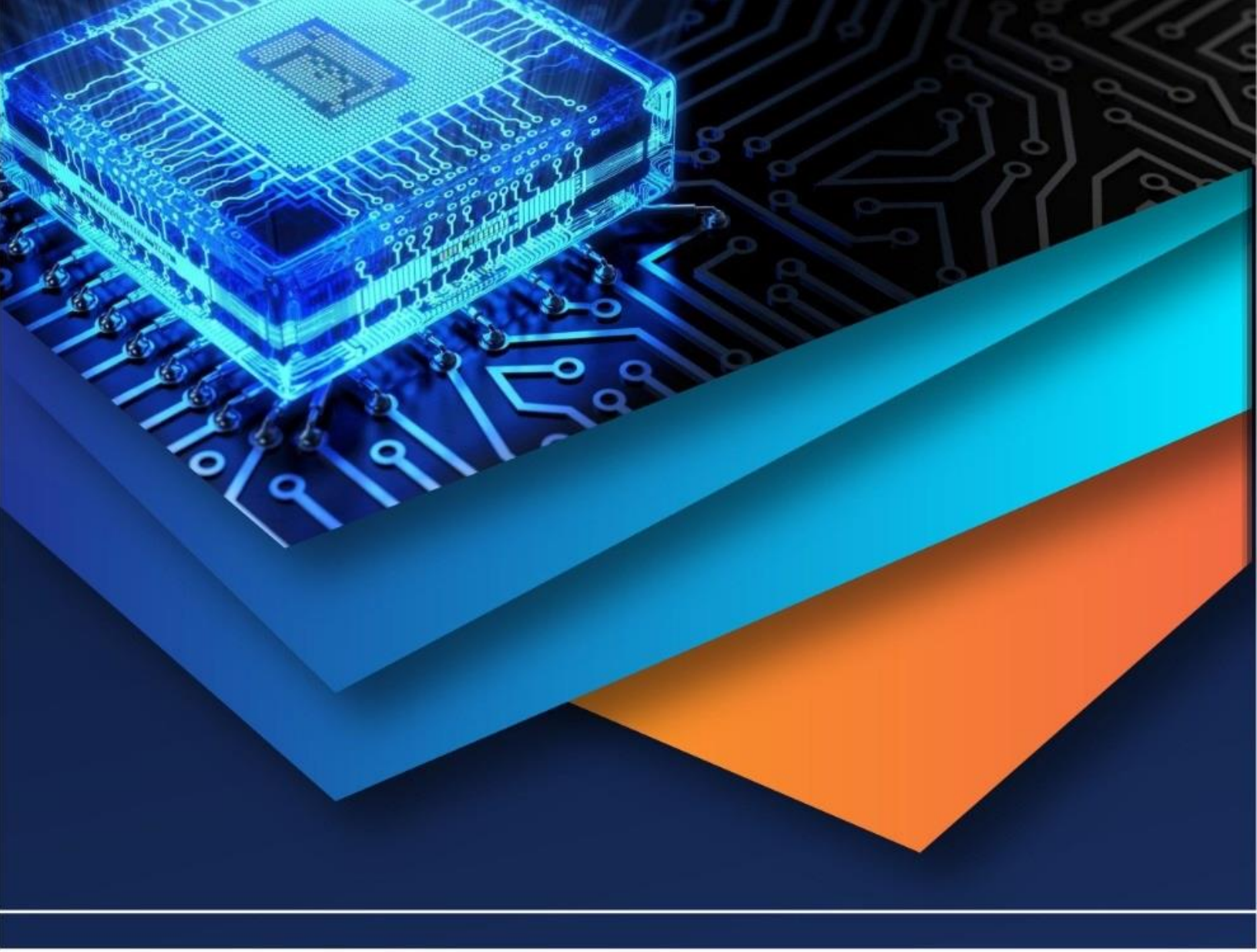
I feel to acknowledge my obligation and gratitude to my guide MR .S.P Ramesh whose valuable guidance and kind supervision given to me throughout the project .

Last, but not the least, MY PARENTS are also an important inspiration to me. So with due respect, I express my gratitude towards them.

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