

Madhav Institute of Technology and Science, Gwalior



DEPARTMENT OF CSE AND IT

MINOR PROJECT

SESSION JULY-DECEMBER, 2022

SUBMITTED TO :

PROF. VIKAS SEJWAR DR. YOGESHWAR SINGH

GROUP MEMBERS :

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BRANCH - IT 3RD YEAR(5TH SEM.)

MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE GWALIOR M.P.

DEPARTMENT OF INFORMATION TECHNOLOGY

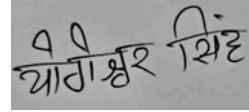
CERTIFICATE

This is to certify that Mr.prakhar puram, Mr. Anshuman Majumdar and working in a team have satisfactorily completed the project entitled "Daily used Applications" under the guidance of Prof vikas sejwar in the partial fulfillment of the degree of Bachelor of Technology in Information Technology awarded by Madhav Institute of Technology and Science Gwalior M.p. during the academic year 2021



(Prof. Vikas Sejwar)

Mentor



(Prof. YOGESHWAR SINGH)

Mentor

DECLARATION

We here declare that work which is being presented in the project entitled "DAILY USED APPLICATIONS" in partial fulfillment of degree of Bachelor of Technology in Information Technology is an authentic record of our work carried out under the supervision and guidance of PROF Vikas sejwar and Dr Yogeshwar singh of Information Technology. The matter embodied in this project has not been submitted for the award of any other degree.

Prakhar puram Anshuman Majumdar

Date-3-12-2021

Contents of the project

- *Main Topic for project - Daily used Applications*
- *Start with - Landing page of website*
- *First Application-Digi –clock*
- *Second Application- calculator*
- *Third Application- Bml-calculator*
- *Fourth Application-Weather App*
- *Fifth Application- Wechat*

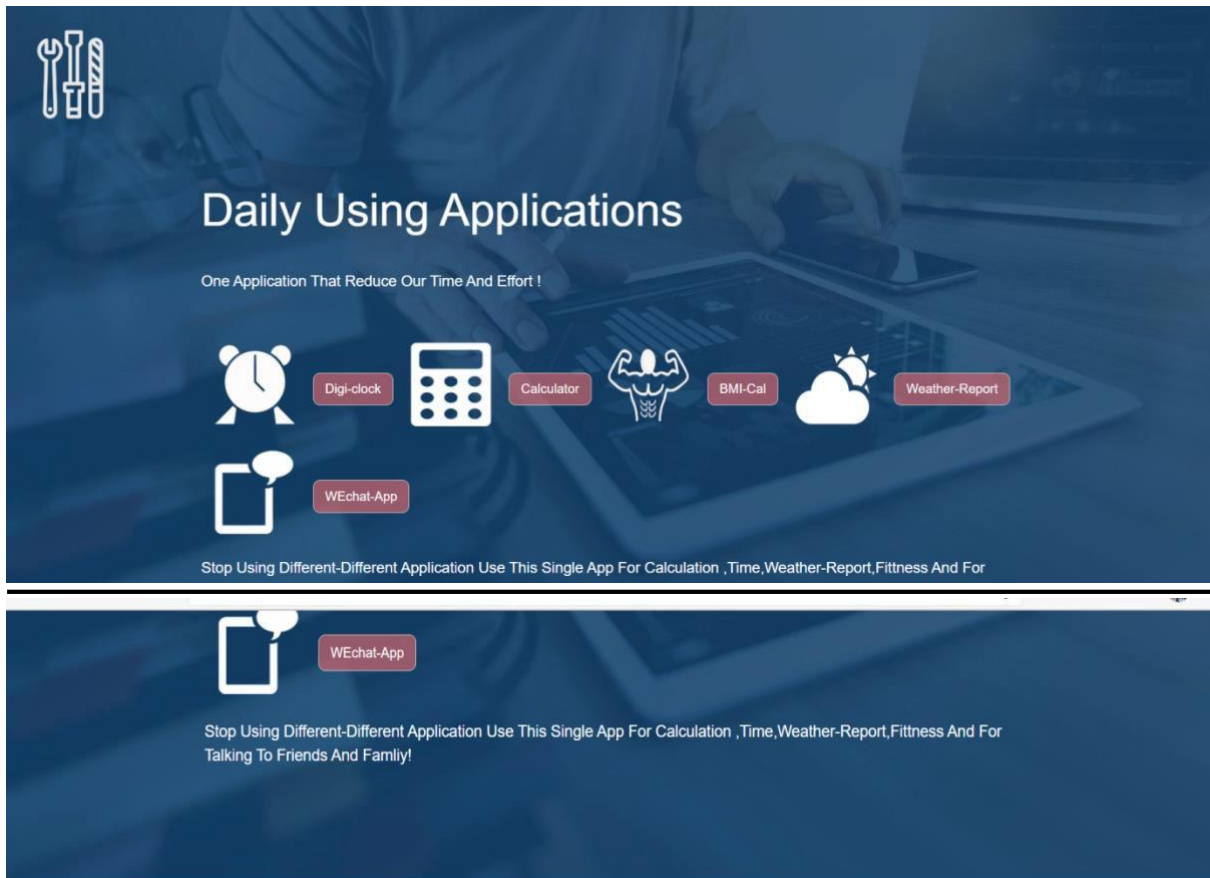
Daily Used Application

- **Now a days people are always occupied with some work**
- **No one has the time to waste .**
- **But people has to use different-different website or App**
- **To use or to perform their works or needs.**
- **But this Application is the solution of that hacktic work**

Which you do every day .

- **This Application reduces the time and effort of everyone**
- **IT is a one stop solution for all of us ,to use our daily app and website**
- **This Application fully functional Digi-clock with Light And dark mode , a Calculator to solve your daily calulations ,a Bmi-calculator to watch that our body to mass ratio is accurate to lead a healthy life,a Weather –reporting Website to check daily weather,and live chatting webapp WeChat to talk to our near and dear ones and also our work by sending file and images to family ,friends and relatives.**

Landing Page of our Website



Use It Now And Make Less Efforts

Give Feedbacks on



*This is our website landing page simple and minimalistic
With easy to use interface .*

*This page is a link between all other applications present in
this website, for this page we can use calculator, clock
, weather, fitness, WEchat just by a single click.*

Technology used in making this landing page

- **HTML**
-
- **CSS**
-
- **BOOTSTRAP**
-
- **BOOTSTRAP-TEMPLATE**
-
- **BOOT-STRAP INCLUDED**
FILES=CSS, FONT, JAVASCRIPT
-
- **LOGOS ARE TAKEN FROM =LOGOMAKR.COM**

- **IMAGES ARE TAKEN FROM= WIKIMEDIA**

WE HAVE ALSO INCLUDED OUR SOCIAL MEDIA HANDLE FOR APPLICATION FEED BACK FROM OUR USER.

Digi-clock



9:21 AM
Friday, 3 Dec

LIGHT MODE



9:21 AM
Friday, 3 Dec

DARK MODE

A fully functional digi-clock

This clock has a beautiful looking interface with both light and dark mode .

It has both analog and digital panels that make it easy to interact .

Technology used in making this Digi-Clock

HTML

CSSS

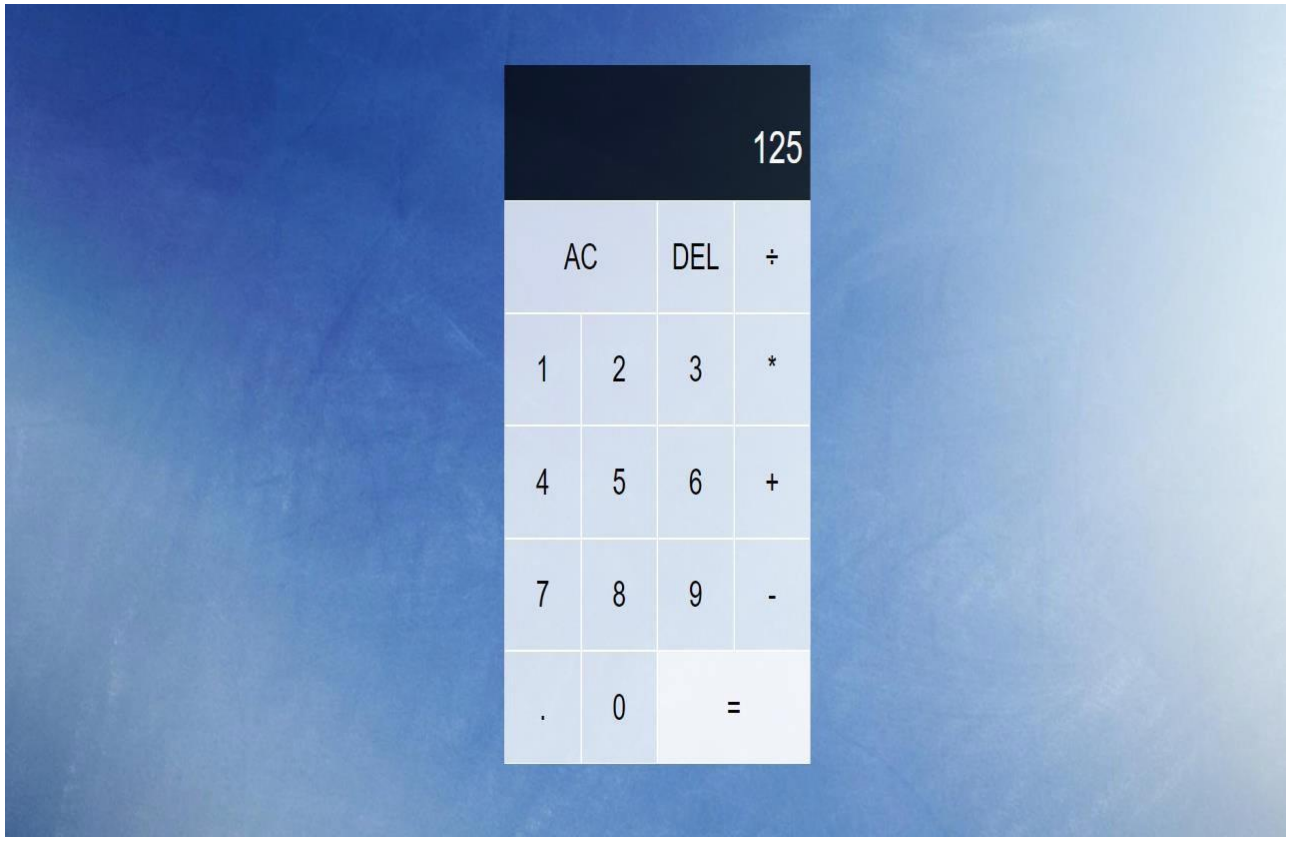
JAVASCRIPT

Main logic of this clock is in this javascript file

```
    })  
    const days=['Sunday','Monday','Tuesday','Wednesday','Thursday','Friday','saturday']  
    const months=['jan','Feb','March','Apr','May','June','July','Aug','Sept','Oct','nov','Dec']  
    const time=new Date();  
    const date = time.getDate();  
    const day =time.getDay();  
    const month=time.getMonth();  
    const hour=time.getHours();  
    const hourIn12Hour =hour % 12;  
    const minutes=time.getMinutes();  
    const seconds=time.getSeconds();  
    const ampm=hour>12 ? 'PM': 'AM';  
    dateE1.innerText= `${days[day]}, ${date} ${months[month]}`  
    timeE1.innerText= `${hour}:${minutes<10? `0${minutes}`:minutes} ${ampm}`  
    hoursE1.style.transform=`translate(-50%,-100%)rotate(${hour *30}deg)`  
    minutesE1.style.transform=`translate(-50%,-100%) rotate(${minutes *6}deg)`  
    secondsE1.style.transform=`translate(-50%,-100%) rotate(${seconds*6}deg)`
```

```
},1000)
```

CALCULATOR

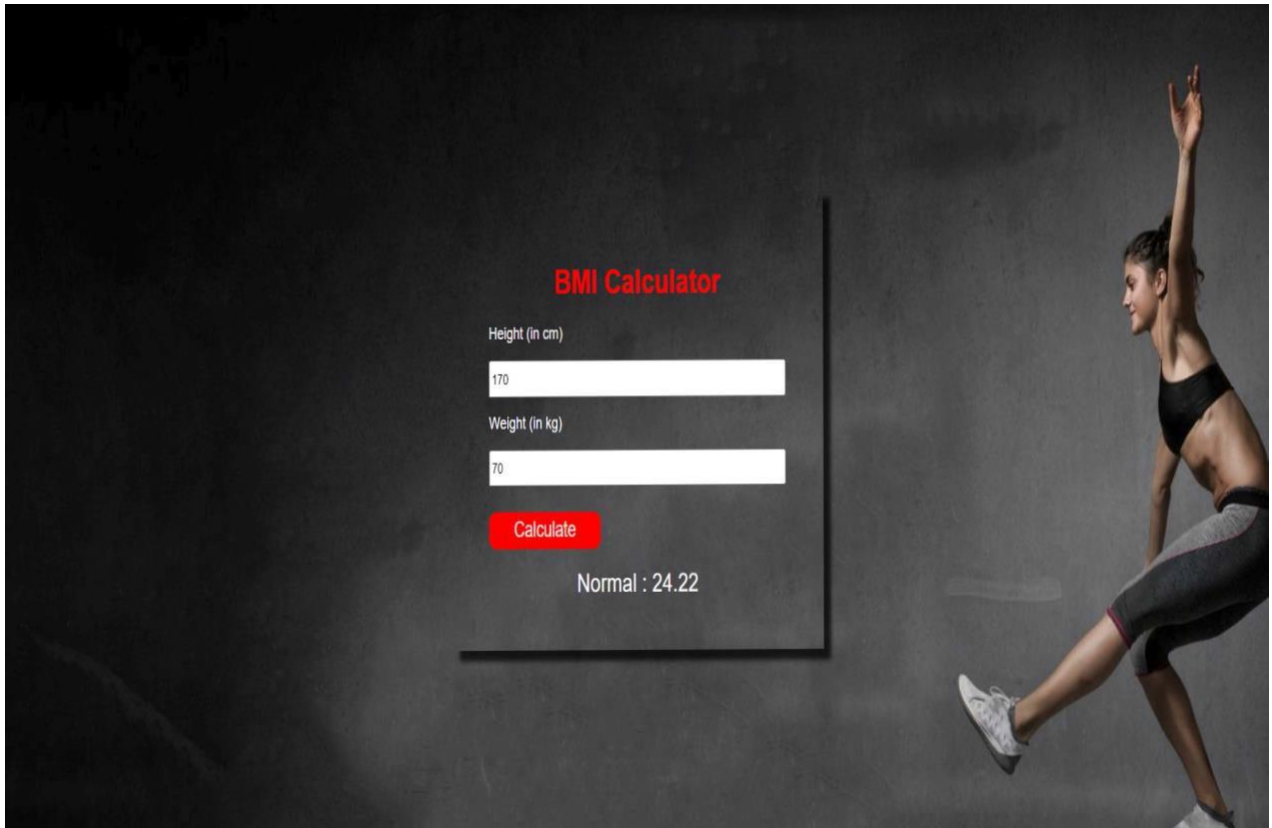


This calculator has simple but yet impressive ui for best user experience

That is capable of performing any calculations.

This uses technology of html ,css and javascript which gives brain to this calculator.This App has nice responsive button for ui interface.

BMI-CALCULATOR



This is a BMI-CALCULATE

Body Mass Index is a simple calculation using a person's height and weight. The formula is $BMI = \frac{kg}{m^2}$ where kg is a person's weight in kilograms and m^2 is their height in metres squared.

A BMI of 25.0 or more is overweight, while the healthy range is 18.5 to 24.9. BMI applies to most adults 18-65 years.

This app calculates the BMI of yours for your health and fitness .

The Technology Used by this calculator is HTML ,CSS ,JAVASCRIPT

THE MAIN SCRIPT USED FOR THE BMI

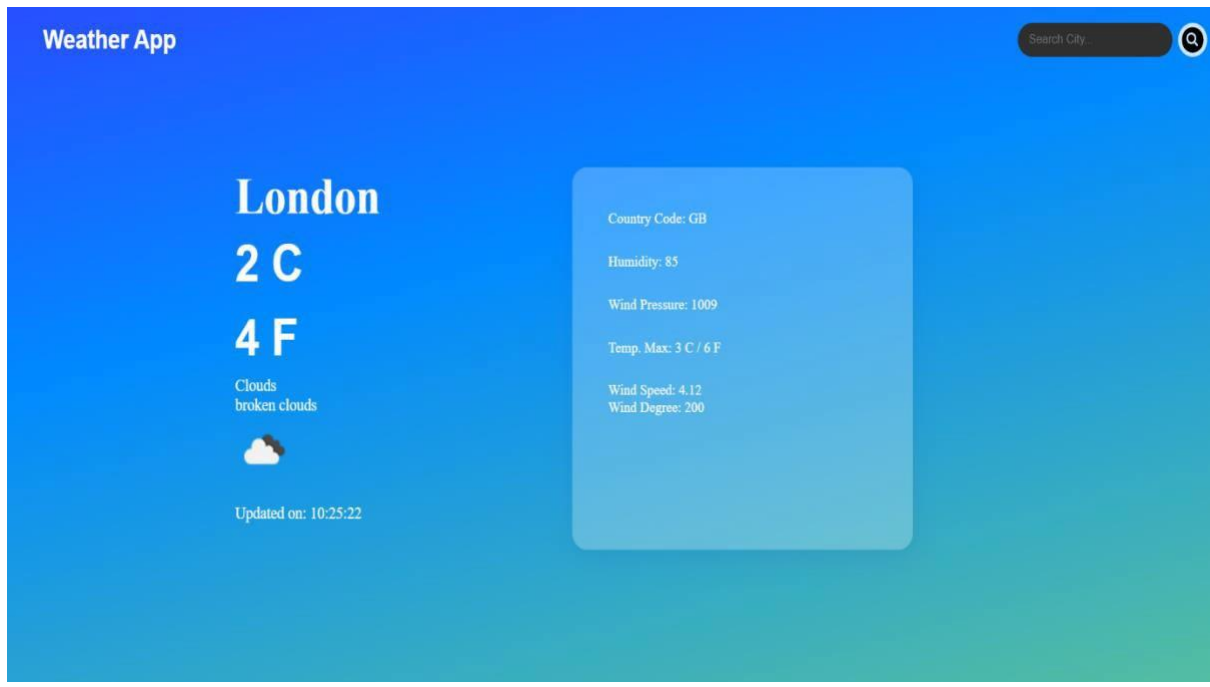
```
<script>window.onload = () =>{
  let button = document.querySelector('#btn');
  button.addEventListener('click', calculateBMI);
}

function calculateBMI(){
  let height = parseInt(document.querySelector('#height').value);
  let weight = parseInt(document.querySelector('#weight').value);
  let result = document.querySelector('#result');
  console.log(height);
  if(height === '' || isNaN(height) || height < 0){
    result.innerHTML = 'Please provide a valid height';
  }else if(weight === '' || isNaN(weight) || weight < 0){
    result.innerHTML = 'Please provide a valid weight';
  }

  else{
    let bmi = (weight / ((height * height) / 10000)).toFixed(2);

    if(bmi < 18.6){
      result.innerHTML = `Under Weight : <span>${bmi}</span>`;
    }else if(bmi >= 18.6 && bmi < 24.9){
      result.innerHTML = `Normal : <span>${bmi}</span>`;
    } else{
      result.innerHTML = `Over Weight : <span>${bmi}</span>`;
    }
  }
}
```

A WEATHER REPORTING APP



THIS IS A WEATHER APP WITH USER FRIENDLY EXPERINCE.

AT DAY ITS BACKGROUND TURNS BRIGHT AND LIGHTED UP BUT NIGHT IT AUTOMATICALLY CHANGES ITS COLOR TO DARK , JUST LIKE NIGHT GIVES ITS COLOR IT SHOW THE TEMPREATURE OF CITIES ALL OVER THE WORLD BOTH IN FAHRENHEIT AND IN CELSIUS.

TECHNOLOGY USED IN MAKING THIS **WEATHER APP**

HTML

CSS

JAVASCRIPT

API

This app use oneWeather Api to give all the current updates of weather of different cities around the globe

This api is linked with javascript to provide correct weather forecast

Together API and JAVASCRIPT forms the brain of this Application

API- one-weatherapi.com



Call current weather data for one location

By city name

You can call by city name or city name, state code and country code. Please note that searching by states available only for the USA locations.

API call

```
api.openweathermap.org/data/2.5/weather?q={city name}&appid={API key}
```

```
api.openweathermap.org/data/2.5/weather?q={city name},{state code}&appid={API key}
```

```
api.openweathermap.org/data/2.5/weather?q={city name},{state code},{country code}&appid={API key}
```

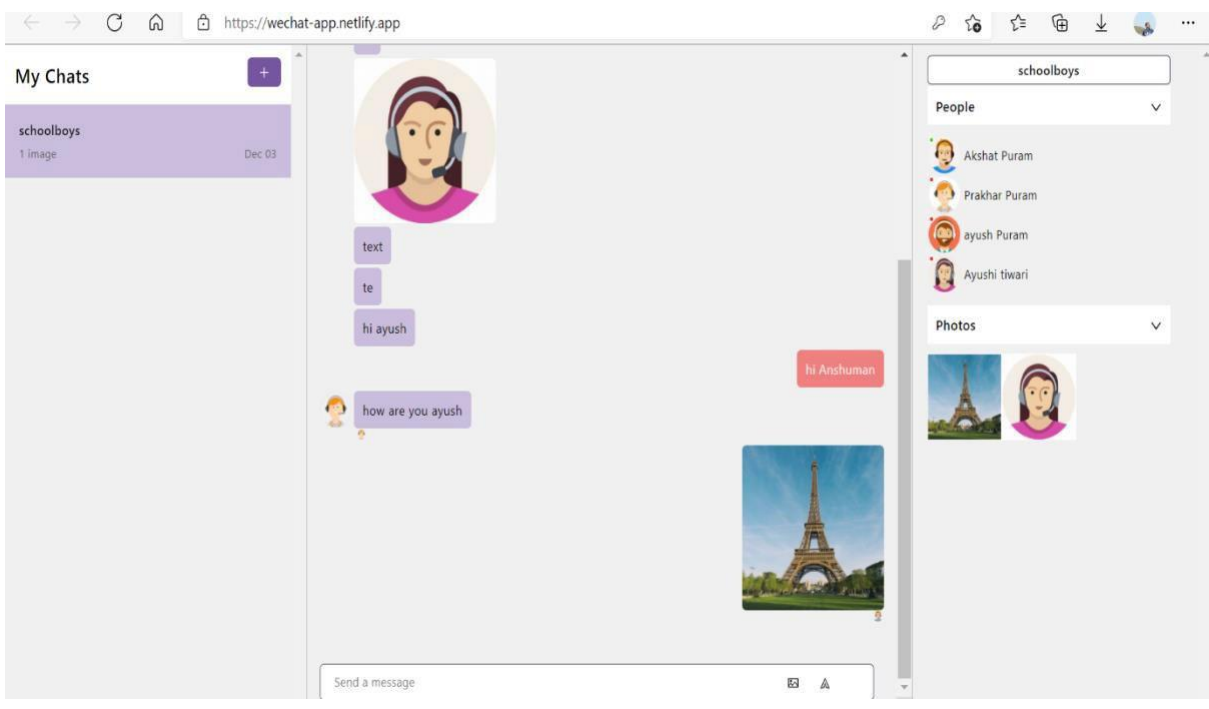
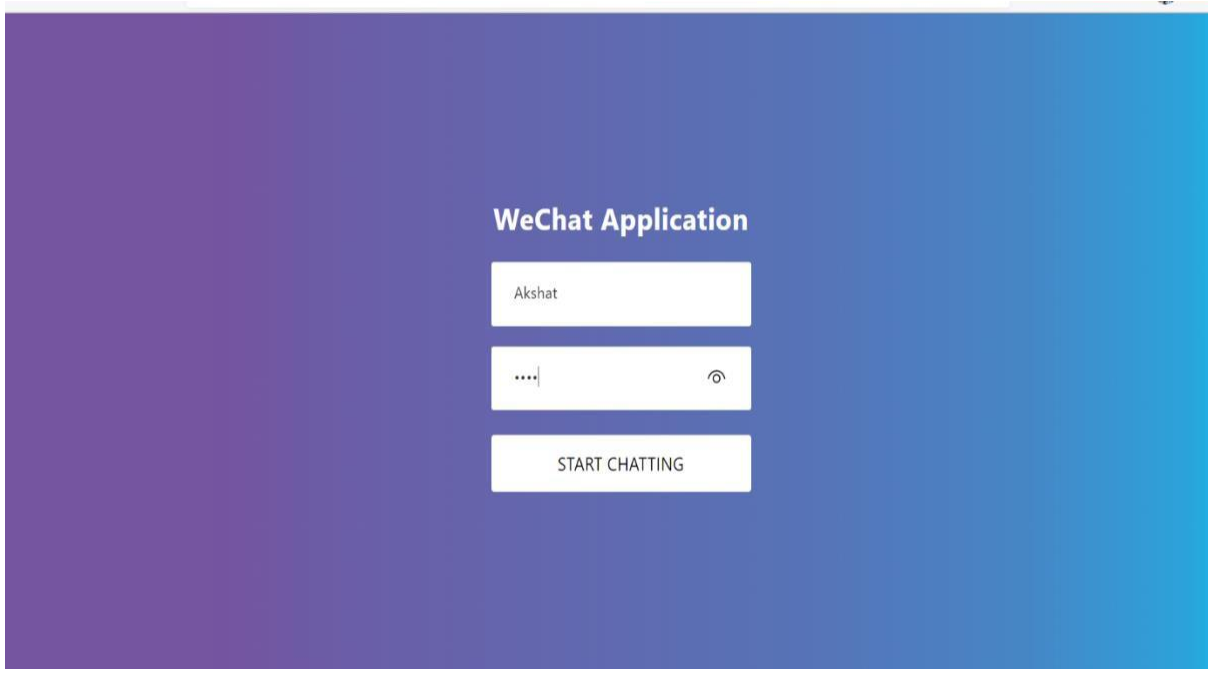
Parameters

q required City name, state code and country code divided by comma, Please, refer to [ISO 3166](#) for the state codes or country codes.
You can specify the parameter not only in English. In this case, the API response should be returned in the same language as the language of requested location name if the location is in our predefined list of more than 200,000 locations.

appid required Your unique API key (you can always find it on your account page under the "API key" tab)

This Api show the data of current weather of different cities around the globe.

WEChat



This is a simple secure and a reliable messaging app

Known as WEChat .

IT just do wonders like Microsoft teams you can message, share your files and photos to your friends family , relatives and colleagues.

IT is a easy to use app which can be used by people of any age groups.

We can even make groups of limited members to interact with our loved ones.

You just need a username and a password and you are ready to dive in this amazing app.

You can even add your picture in your profile.

This App even shows that the message is read by which-which member from that group just by placing a small image of your group member profile.

Technology used in this Amazing Wechat app

HTML

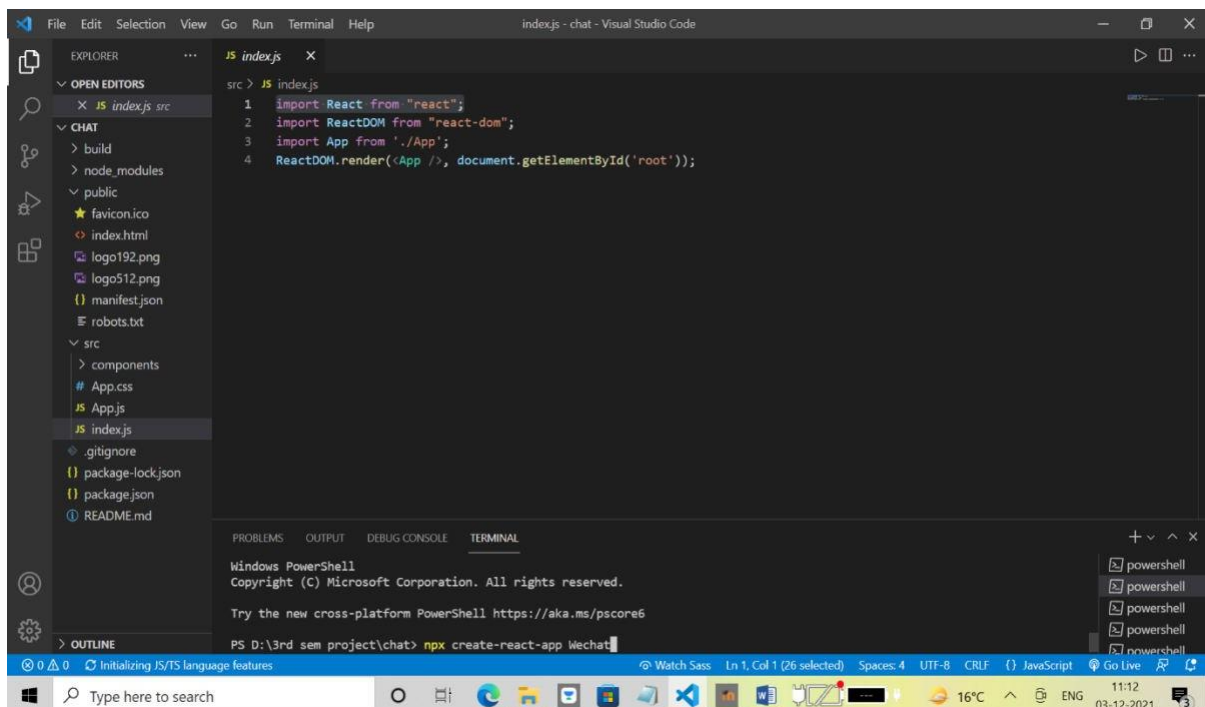
CSS

REACT.JS

CHAT-ENGINE

THIS APP USES REACT JS for its function to work.

First we have downloaded node in which there is a built in package for react js.



```
src > JS indexjs
1 import React from "react";
2 import ReactDOM from "react-dom";
3 import App from './App';
4 ReactDOM.render(<App />, document.getElementById('root'));
```

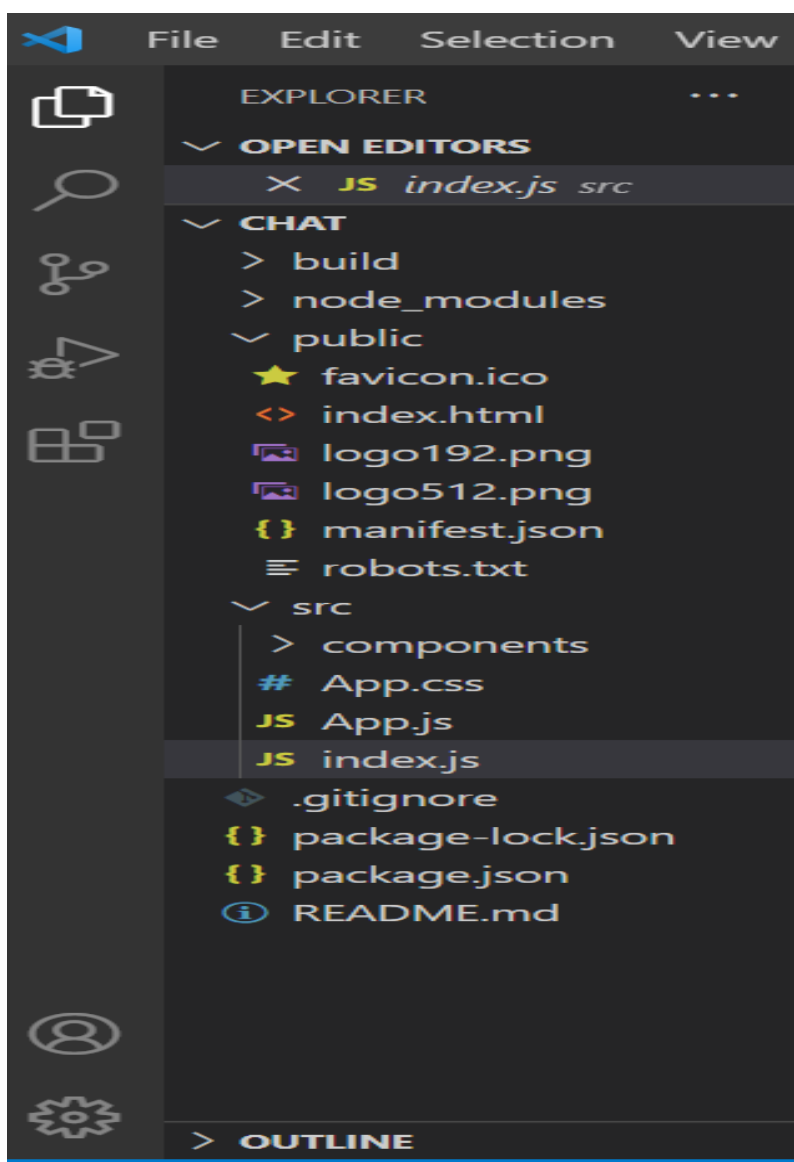
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS D:\3rd sem project\chat> npx create-react-app Wechat

Now is vscode in its terminal section we have loaded our dependencies need for react js

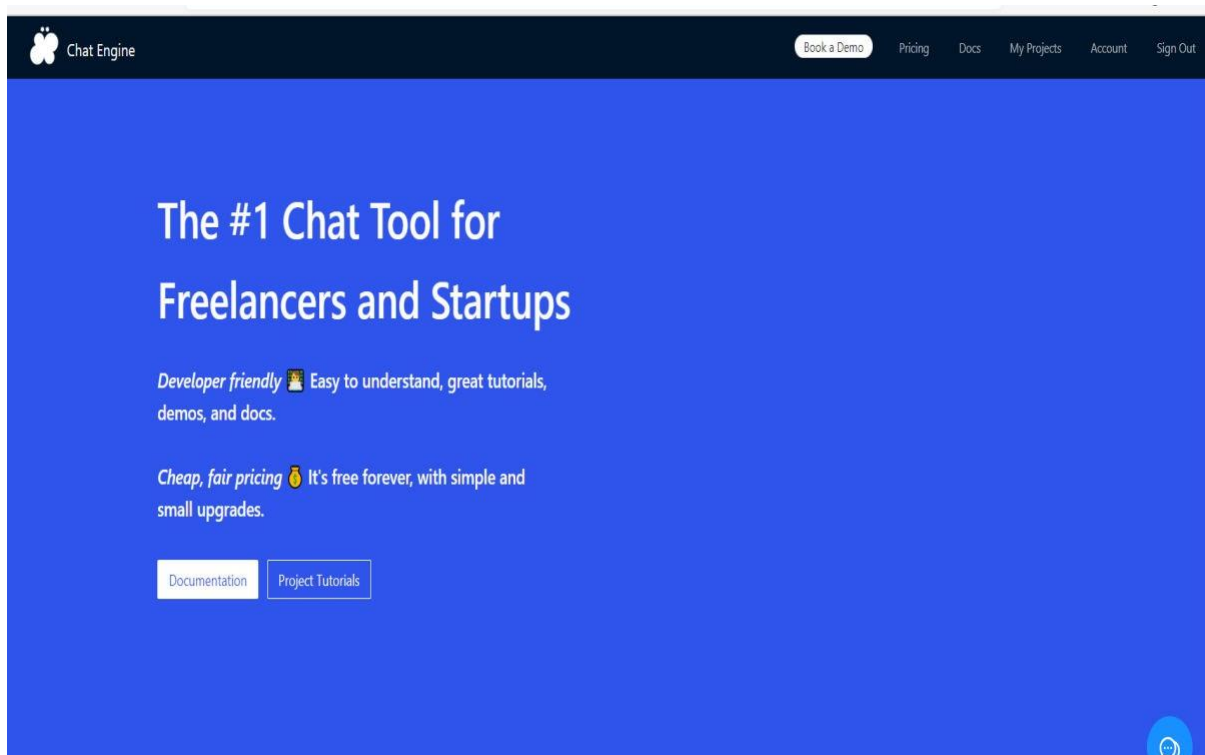
In the terminal type = npx create-react-app WEchat

This will load varies dependencies needed to make a react application.

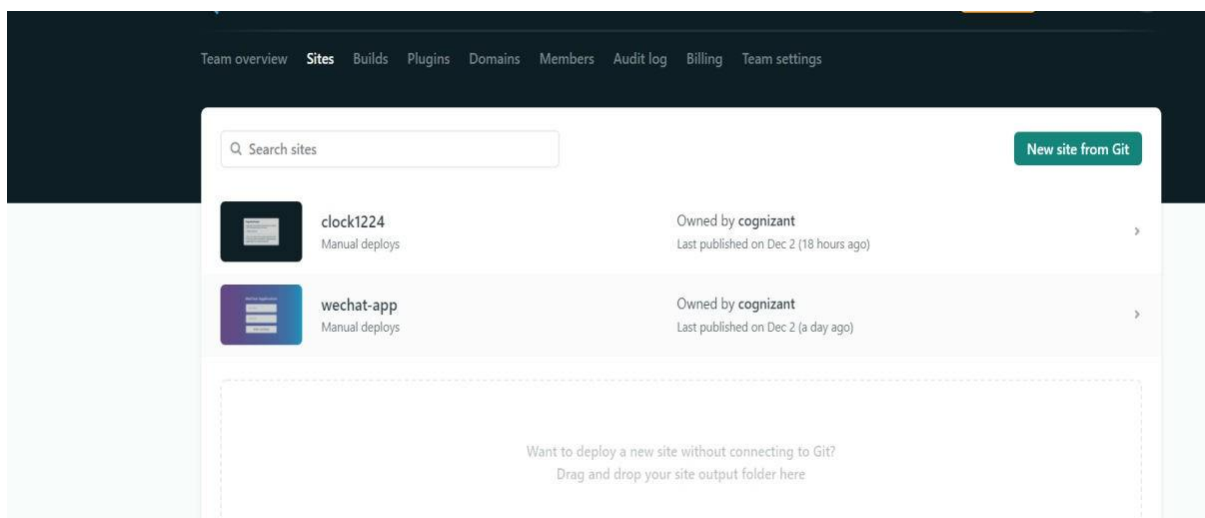


*Next we designed our react app using css and js
The front end made by us but the backend is linked to
website api called chat-engine.*

*Chat –engine provides a backend for various chat
websites .*



THIS WECHAT APP IS DEPLOYED BY NETLIFY.COM



This completes our websites

THANK-YOU
BIBLIOGRAPHY AND
REFERENCES

CHAT-ENGINE

LOGOMAKR

WIKIMEDIA

OTHER DOCUMENTATION WEB

NETLIFY.COM

UDMEY