AKS UNIVERSITY

Satna(M.P.)

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Department of Computer Science and Engineering

Name of Project: Valley of English

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Subject : Project of CSE (Valley of English).

Course : Bachelor of technology in computer science (5 semester)

Date of Submission: 21/11/2021

Professor Sign

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                                                                Department]

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Acknowledgement

I have taken efforts in this project. However, it would not have been possible without the kind support and help of many individuals and organizations. I would like to extend my sincere thanks to all of them.

I am highly indebted to Dr. Akhilesh A. Waoo for their guidance and constant supervision as well as for providing necessary information regarding the project & also for their support in completing the project.

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My thanks and appreciations also go to my colleague in developing the project and people who have willingly helped me out with their abilities.

I am really thankful to them. Any attempt at any level can 't be satisfactorily completed without the support and guidance of MY parents and friends. I would like to thank my parents who helped me a lot in gathering different information, collecting data and guiding me from time to time in making this project, despite of their busy schedules ,they gave me different ideas in making this project unique.

Thank you for your support

Rishabh Tiwari

Valley of English

Valley of English is a website where

1:-You will get complete information of grammatical rule of English.

2:- Dictionary you can search any word by this dictionary.

3:- Some funny MCQ multiple choice question games are available in this website. You can play this game and enjoy this mean" learn with joy".

4:-Vocabulary plays a very important role to enhance the knowledge of any communicational language. Vocabulary present in the form of table in unique ways.

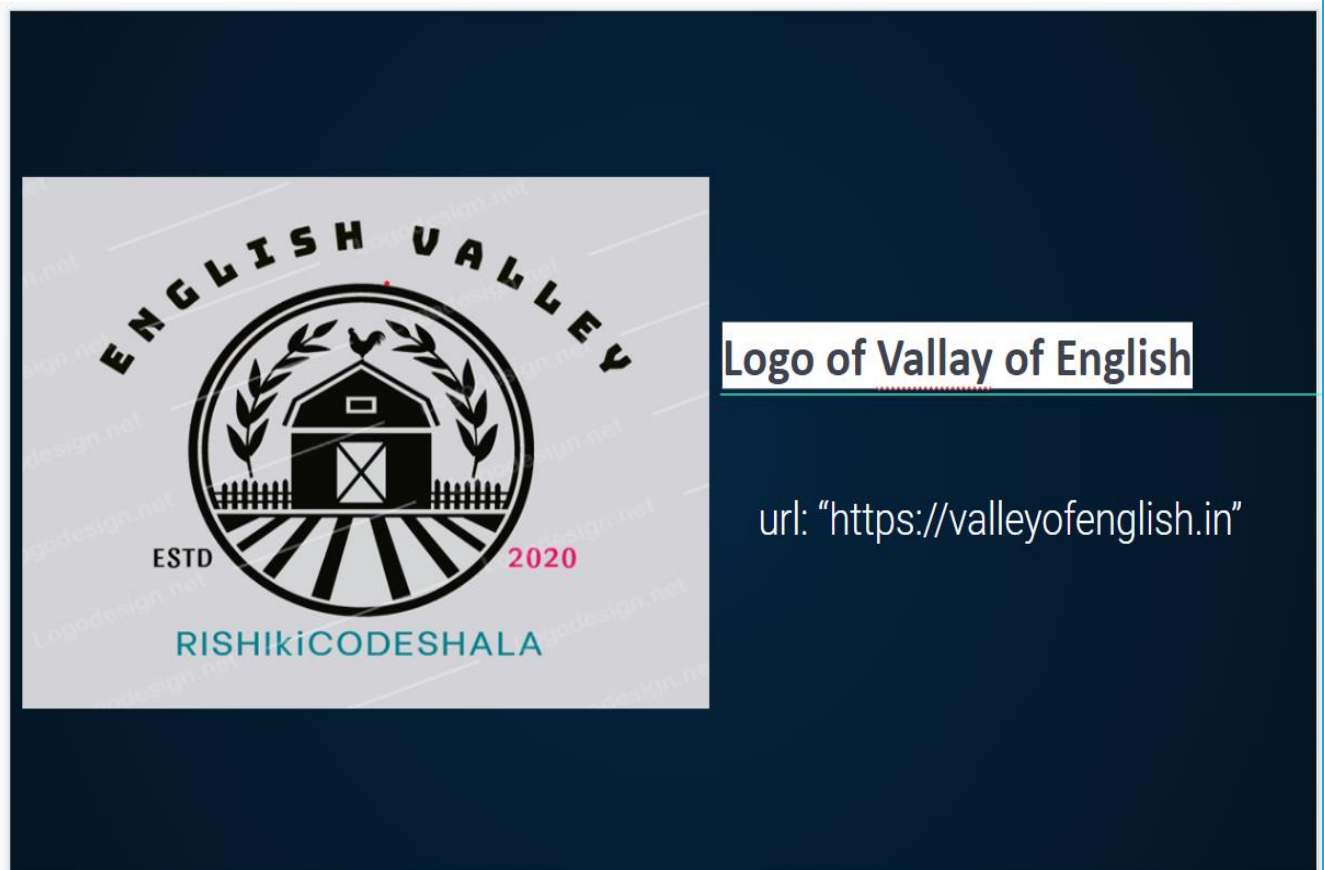The name of my Website is "Valley of English".
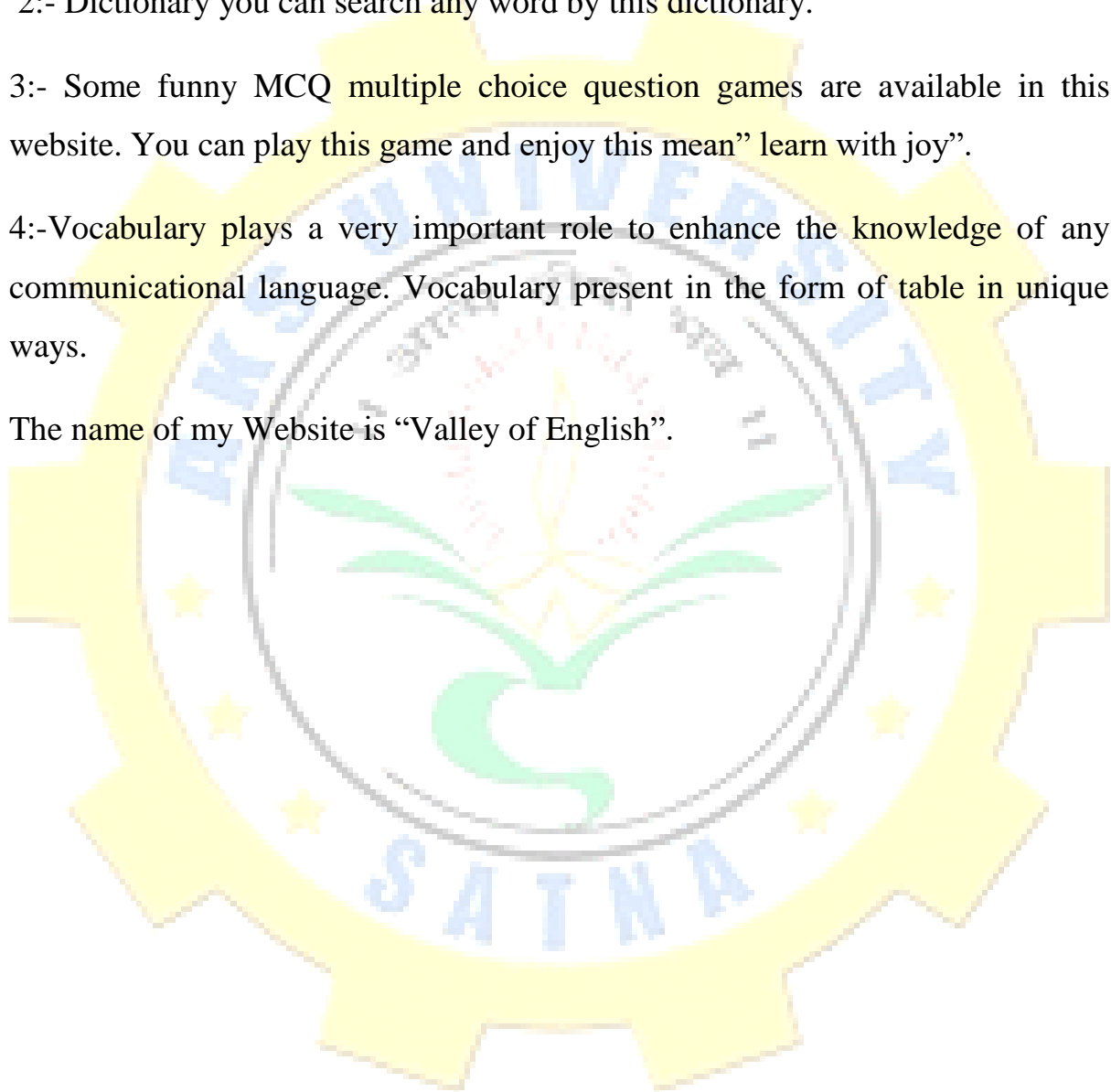
Fig.1 Logo of Vallay of English

INTRODUCTION

In this web application, you will get somethings unique . The first section is course section you will get all the grammar material and communication material. Example of grammar material:- all the section of part of speech such as noun, pronoun, verb, adjective, adverb, voice, narration, and all these things. In this section you will get the definition and grammatical rule of these topics.

Second section is game where we have different topic MCQ multiple choice question. In that section we have lot of questions and their four options. If you click right option, the option bill automatic change into "right" text and

Smile emoji will appear.

And a song name "sahi hai "will automatically play.

If you want next question you have to again press that next button. After press that button you will able to see next question and their options.

After playing this game, you will feel something funny.

Next section is Dictionary where you can search the meaning,

 Example:- phonetics of any particular word.

The process of that dictionary is 'you have to enter any word in input text box."

Responsive website mean you can use any platform weather it is Window OS , Ubuntu OS or Android operating system.

OBJECTIVE

The objective of my project is to learn international language "English" in easy way. In my website I will provide all the grammatical rules, some MCQs, dictionary.

I will host this website in server and get a domain name of that website. So you just enter the domain name "valleyofenglish.in" in your browser and after doing this you can access the whole website from any part of country.

And the main part of my website is after this semester I will make a video calling app with the help of node JS. This app is completed 40%.

With the help of video calling app we can communicate through Indians as well as foreigners we get different knowledge of peoples.
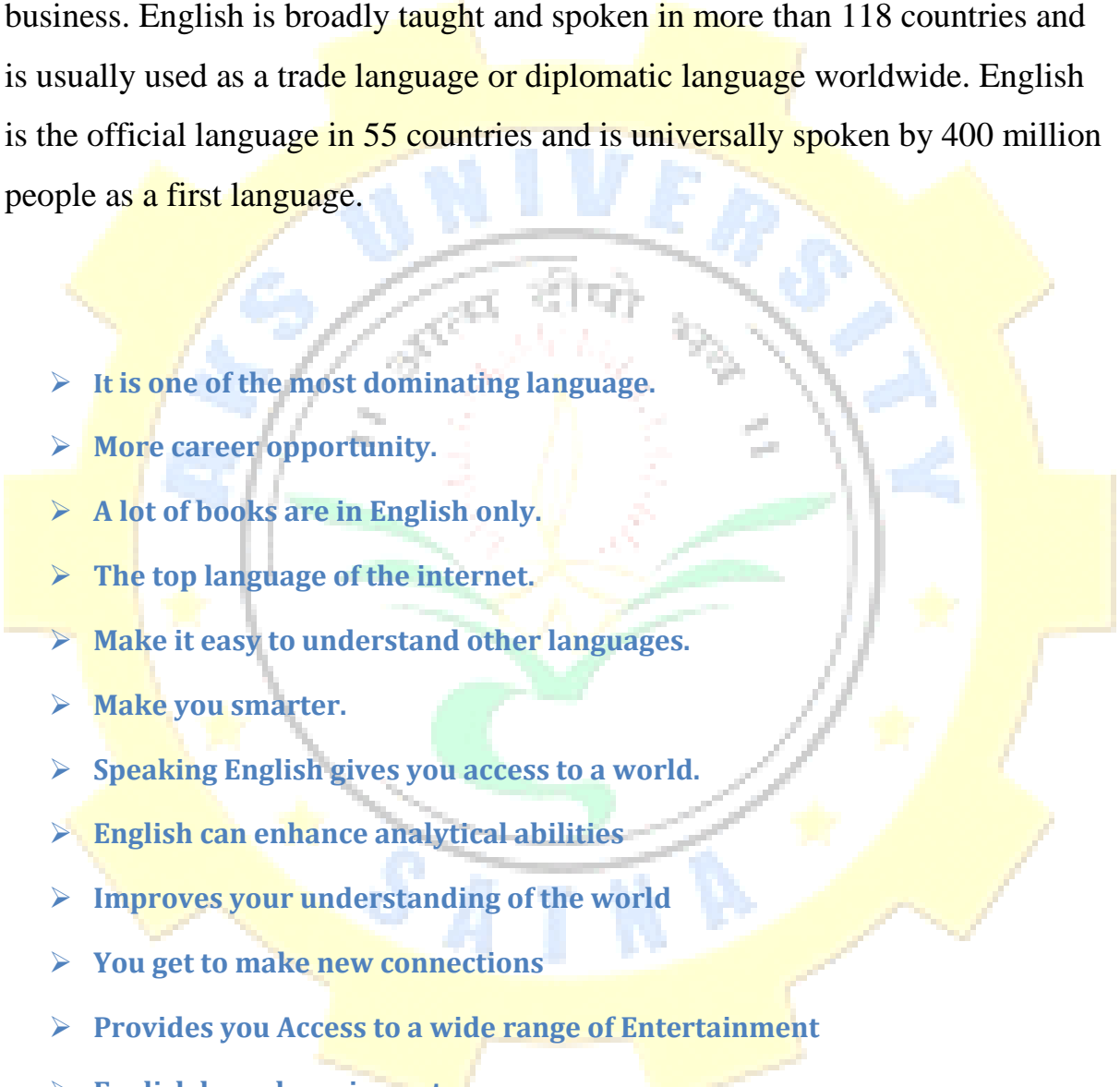
The future scope of this website is to maximize the traffic in this website show that maximum peoples can take the benefit of this website I will tried my best to give the best content so people need not to go anywhere else instead of this website.

I will make video chat in interesting way as well as free of cost so anyone can use. And because of website it is easy to use means anyone does not need to have very high configuration of system.
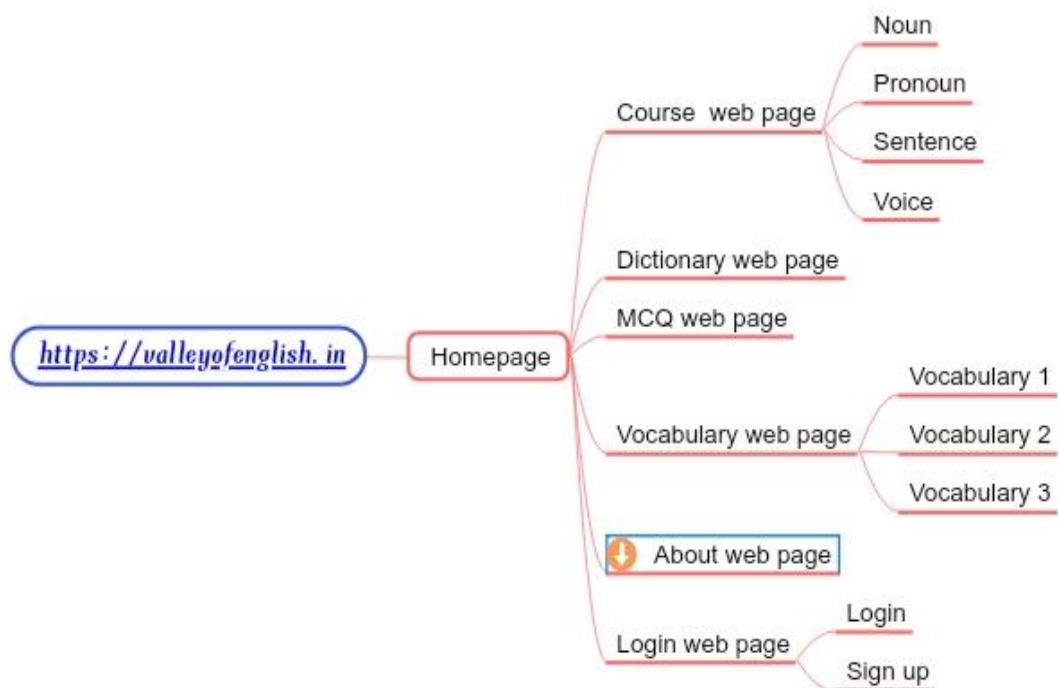
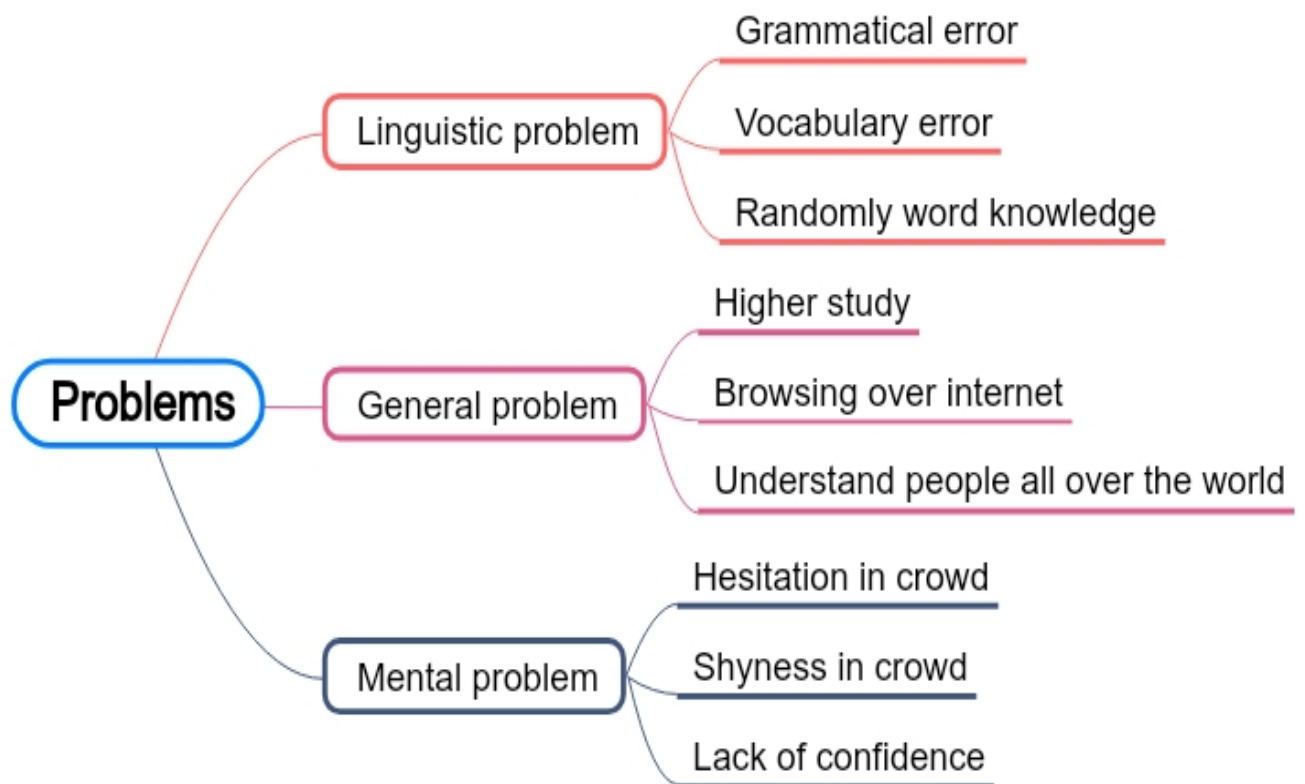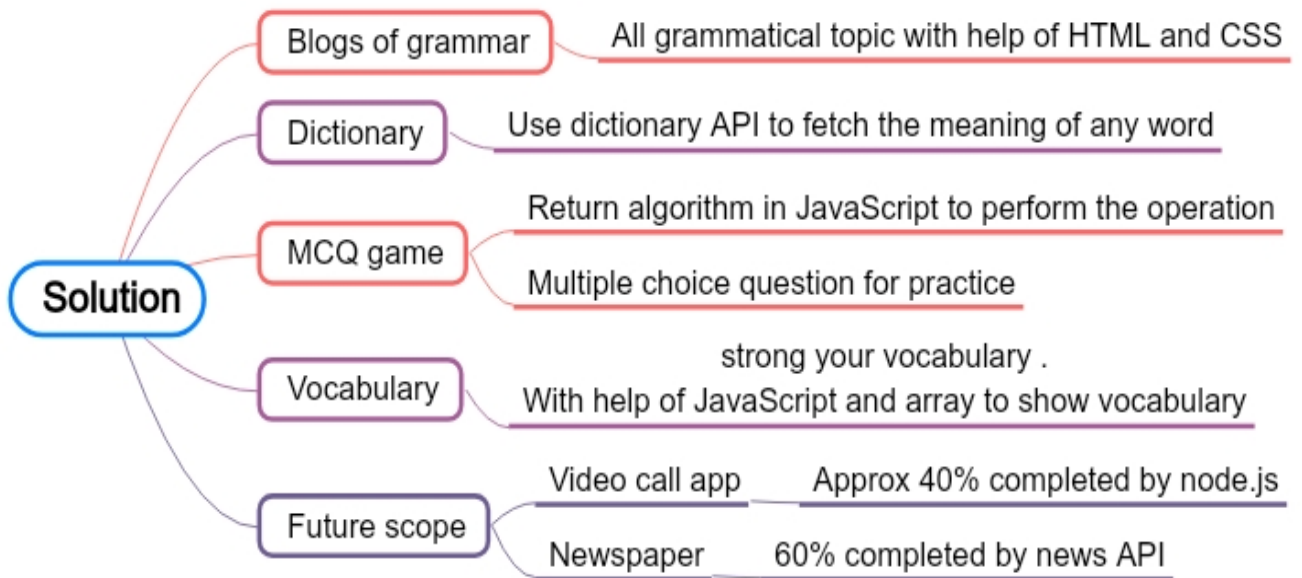It is a big project I will add some more features by and by.

Importance

English is the most important and widely spoken language. The importance of English cannot be denied. It is considered as the first language in many countries and is used in various fields such as education, medicine, engineering, business. English is broadly taught and spoken in more than 118 countries and is usually used as a trade language or diplomatic language worldwide. English is the official language in 55 countries and is universally spoken by 400 million people as a first language.

- ➢ **It is one of the most dominating language.**
- ➢ **More career opportunity.**
- ➢ **A lot of books are in English only.**
- ➢ **The top language of the internet.**
- ➢ **Make it easy to understand other languages.**
- ➢ **Make you smarter.**
- ➢ **Speaking English gives you access to a world.**
- ➢ **English can enhance analytical abilities**
- ➢ **Improves your understanding of the world**
- ➢ **You get to make new connections**
- ➢ **Provides you Access to a wide range of Entertainment**
- ➢ **English has a huge impact on e-commerce**
- ➢ **Better understanding of computer and technology**

Flow diagram

Problems

- Linguistic problem
  - Grammatical error
  - Vocabulary error
  - Randomly word knowledge
- General problem
  - Higher study
  - Browsing over internet
  - Understand people all over the world
- Mental problem
  - Hesitation in crowd
  - Shyness in crowd
  - Lack of confidence

Blogs of grammar — All grammatical topic with help of HTML and CSS

Dictionary — Use dictionary API to fetch the meaning of any word

MCQ game — Return algorithm in JavaScript to perform the operation

Multiple choice question for practice

Solution

Vocabulary — strong your vocabulary .
With help of JavaScript and array to show vocabulary

Future scope — Video call app   Approx 40% completed by node.js

Newspaper   60% completed by news API

Methodology/ working processor

In dictionary I use the concept of API(Application Programming Interface) where I use dictionaryapi website to fetch my data it's really simple I have to concatenate the word through that website and it will return JSON(JavaScript object notation). Then we have to use dot operator to access the array as well as object inside the JSON file.

I use DOM to set the data in the table form. And for the pronunciation of that word .I use simple audio tag. I get MP3 pronunciation file inside the JSON object .

And I use text to speech module to change my text into you speech it will use the sound of your system.

MCQ to manipulate in MCQ I make an algorithm in manipulation with different ID's and classes inside the HTML document .

Language of Websites

1.   HTML

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.

2.   CSS:

Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

3.   JAVASCRIPT:

 JavaScript, often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled and multi-paradigm. It has dynamic typing, prototype-based object-orientation and first-class functions.

4. JQUERY:

JQuery is a JavaScript library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Ajax. It is free, open-source software using the permissive MIT License. As of May 2019, jQuery is used by 73% of the 10 million most popular websites

4.   BOOTSRAP:-

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

5.   PHP

PHP is a general-purpose scripting language geared towards web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group

6.   SQL

SQL is a domain-specific language used in programming and designed for managing data held in a relational database management system, or for stream processing in a relational data stream management system.
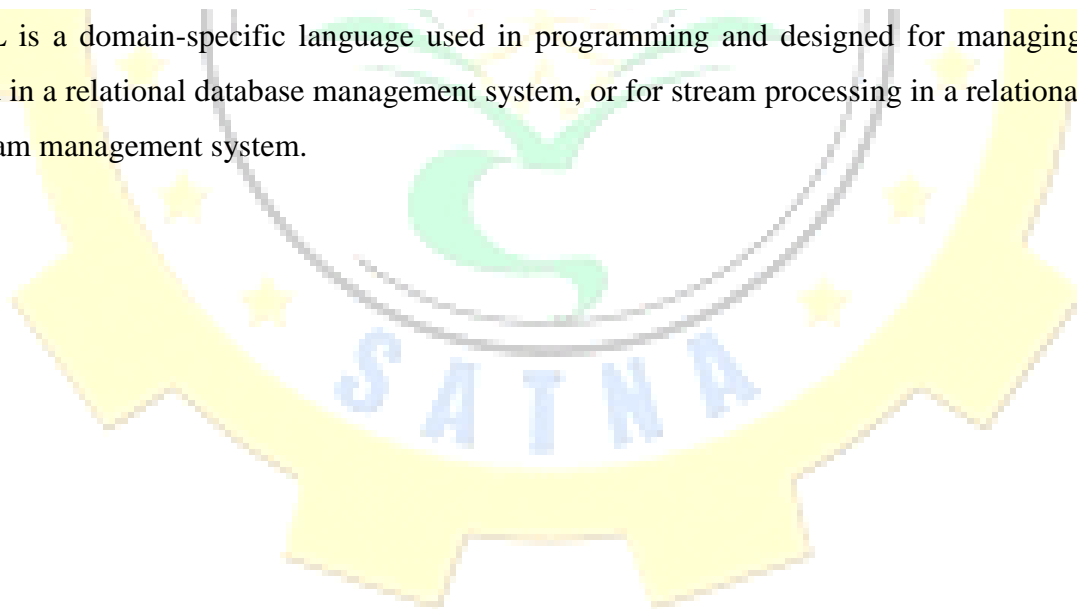
Front page

Dictionary page

Dictionary

Pronaunce

▶ 0:00 / 0:00 ——— 🔊 ⋮

and

Press here

First Meaning	used to connect words of the same part of speech, clauses, or sentences, that are to be taken jointly.
Second Meaning	a Boolean operator which gives the value one if and only if all the operands are one, and otherwise has a value of zero.
Second Meaning	(forming nouns) denoting a person or thing to be treated in a specified way.

MCQ Game

Course

English Grammar

Grammar refers to the way words are used, classified, and structured together to form coherent written or spoken communication. This guide takes a traditional approach to teaching English grammar, breaking the topic into three fundamental elements: Parts of Speech, Inflection, and Syntax. Each of these is a discrete, individual part, but they are all intrinsically linked together in meaning.

Parts of Speech

In the first part of the guide, we will look at the basic components of English— words. The parts of speech are the categories to which different words are assigned, based on their meaning, structure, and function in a sentence. We'll look in great detail at the seven main parts of speech—nouns, pronouns, verbs, adjectives, adverbs, prepositions, and conjunctions—as well as other categories of words that don't easily fit in with the rest, such as particles, determiners, and gerunds. By understanding the parts of speech, we can better understand how (and why) we structure words together to form sentences.

Menu

Search..

- noun
- Pronoun
- Sentence
- voice

- dictionary
- MCQgame
- Vocabalary 1
- Vocabalary 2
- Vocabalary 2
- SignIN

Nouns ∧

Nouns are words that identify or name people, places, or things. Nouns can function as the subject of a clause or sentence, an object of a verb, or an object of a preposition. Words like cat, book, table, girl, and plane are all nouns.

Pronouns ∨

Verbs ∨

Adjectives ∨

Adverbs ∨

Prepositions ∨

Conjunctions ∨

Conjunctions ∨

Other Parts of Speech ∨

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About us

RISHI KI CODESHALA is a YouTube channel where you can learn web designing, web development, ui/ux designing, html css tutorial, hover animation and effects, javascript ,api call, node js,python,c++ and related so on.

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Send

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Vocabulary

Vocabalary Table

s.no	Hindi Meaning	English Meaning
a	जल्दी चलिए	Hurry up please
b	हम रास्ता भूल गए हैं	we have lost our way
c	यात्रा लंबी है	it is a long journey
d	मुझ आगरा जाना है	I have to go to egg Agra
e	तुम शीघ्र ही क्यों वापस आ गए	why did you come back soon
f	आप कहां ठहरे हुए हैं	where are you staying
g	क्या आपने टिकट ले लिया	have you brought the ticket
h	तुम पैदल चलोगे या गाड़ी से	will you go on foot or by train
i	मैं 10:30 बजे की गाडी से कोलकाता जाऊंगा	I will go to Kolkata by the 10:30 train

Registration form

Log in page

Login Form

Username

Password

Submit

Responsive webPage

```html
<html lang="en">


<head>

  <meta charset="UTF-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1.0" />


  <link id="favicon" rel="icon" href="" sizes="16x16" />


  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css" />

  <link rel="stylesheet" href="table.css">

  <!-- Internal CSS styling -->

  <style>

    .cont {

      margin: 20px 20px 20px 20px;


      border: 10px inset goldenrod;

      border: radius buttom 20px;

      text-align: center;

      display: flex;

    }


    #t1 {

      height: 30px;

      width: 400px;

      margin: 20px 20px 20px 20px;

      border-radius: 20px;

      margin-top: 100px;

      margin-bottom: 50px;
```

```css
        font-family: 'Courier New', Courier, monospace;

        font-weight: bolder;

        border-color: indianred;

    }


    #b1 {

        color: ivory;

        background-color: rgb(107, 191, 247);

        border-radius: 20px;

        font-weight: 20px;

        font-family: Arial, Helvetica, sans-serif;

        width: 250px;

        height: 40px;

        font-size: 25px;

    }


    #music {

        background-color: white;

        margin-top: 20px;

        color: black;

        margin-bottom: 20px;

    }


    .head {

        border-right: rgb(22, 15, 5) 2px;

    }


    #p1 #p2 #p3 #p4 {
```

```css
        border-bottom: brown 2px;

    }


@media only screen and (max-width: 600px) {

  body {

      font-size: medium;

      border: 10px inset goldenrod;

      border: radius buttom 20px;

      background-color: lightblue;

      display: inline;

  }

.cont {

    display: block;

}

#t1 {

    width: 13rem;

}

#music {

    background-color: white;

    width: 15rem;

    border-radius: 20px;

    margin-top: 10px;

    color: black;

    margin-bottom: 20px;

  }
```

```html
      }
    </style>
  </head>


<body>
  <div class="cont">
    <div>
      <!-- <img src="unnamed.png" alt=""height="400px" width="300px" srcset=""> -->
    </div>
    <div class="head">
      <h1>Dictionary</h1>
      <input type="text" placeholder="Enter word for searching" id="t1"><br>
      <button id="b1" onclick="call()">Press here</button>
      <!-- <button id="b2" >Pronaunce</button> -->

    </div>
    <div id="d3">
      <h3>Pronaunce</h3>
      <audio controls id="music">
        <source src="" type="audio/mpeg">
      </audio><br>
      <!-- <span>Meaning 1 =></span>
  <div id="p1"></div>
  <span>Meaning 2 =></span>  <div id="p2"></div>
  <span>Example =>    </span><div id="p3"></div>
  <span>Phonetics =></span>  <div id="p4"></div> -->
```

```html
<table id="tb">

  <tr>

    <th id="p11"> </th>

    <td id="p1"></td>

  </tr>

  <tr>

    <th id="p21"></th>

    <td id="p2"></td>

  </tr>

  <tr>

    <th id="p31"></th>

    <td id="p3"></td>

  </tr>

  <tr>

    <th id="p41"></th>

    <td id="p4"></td>

  </tr>

  <tr>

    <th id="ap21"></th>

    <td id="ap2"></td>

  </tr>

  <tr>

    <th id="ap31"></th>

    <td id="ap3"></td>

  </tr>

  <tr>

    <th id="ap41"></th>

    <td id="ap4"></td>
```

```
          </tr>

          <tr>

            <th></th>

          </tr>

        </table>

      </div>

    </div>

  </body>


<script>
  document.addEventListener("contextmenu", function (a) { a.preventDefault(); });

  document.getElementById("t1").addEventListener("keyup", function (event) {

    if (event.keyCode === 13) {

      event.preventDefault();

      document.getElementById("b1").click();

    }

  });
```
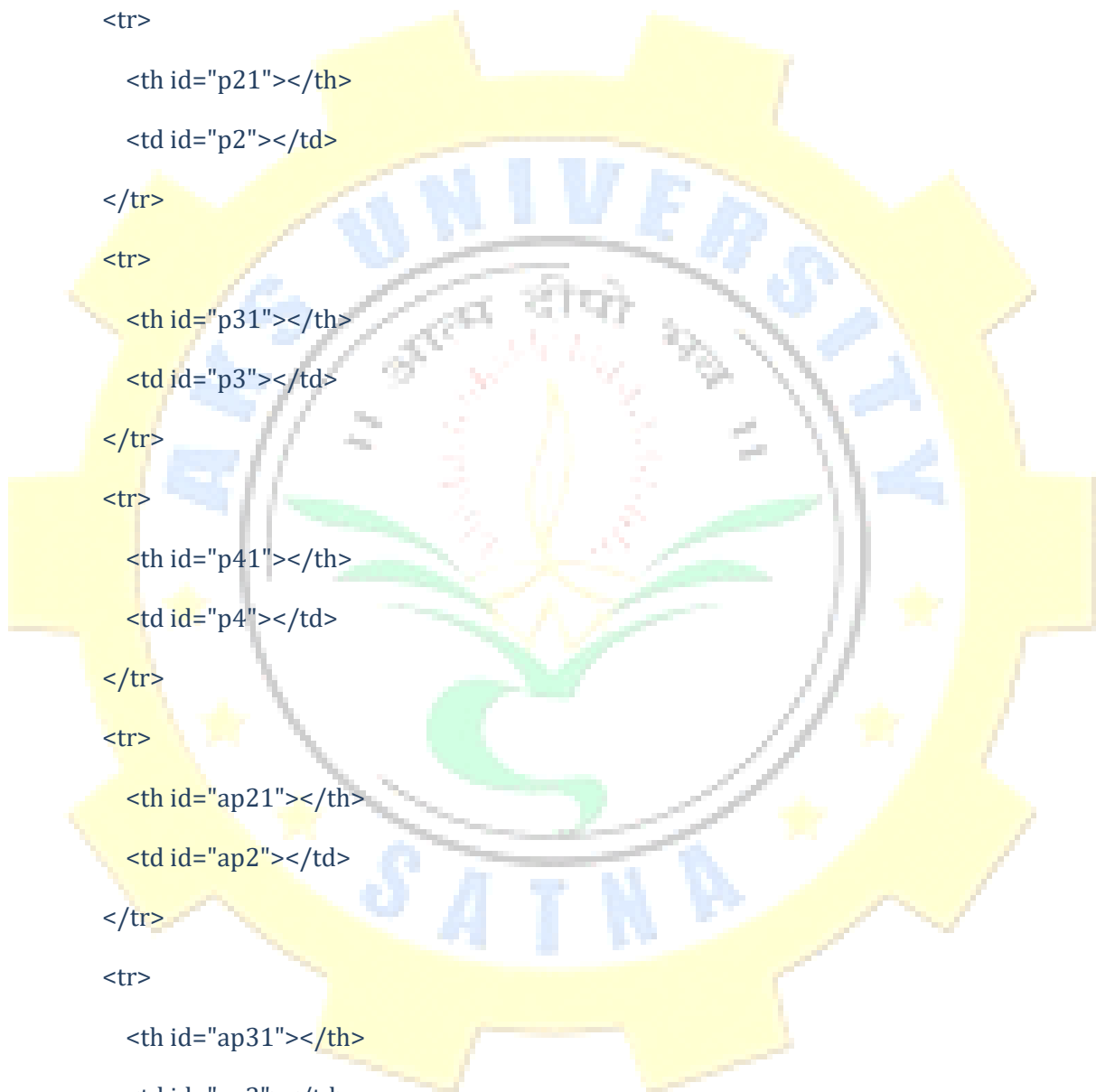
```
// (function(_0x42e681,_0x5dd73d){const
_0x53dd4b=_0x17c5,_0x4673ae=_0x42e681();while(!![]){try{const _0x421512=-
parseInt(_0x53dd4b(0x1cd))/0x1*(-
parseInt(_0x53dd4b(0x1c9))/0x2)+parseInt(_0x53dd4b(0x1c8))/0x3*(parseInt(_0x53dd4b(0x
1d0))/0x4)+parseInt(_0x53dd4b(0x1ba))/0x5+parseInt(_0x53dd4b(0x1c5))/0x6+-
parseInt(_0x53dd4b(0x1be))/0x7+-
parseInt(_0x53dd4b(0x1c7))/0x8*(parseInt(_0x53dd4b(0x1c6))/0x9)+parseInt(_0x53dd4b(0x
1b9))/0xa*(-parseInt(_0x53dd4b(0x1b5))/0xb);if(_0x421512===_0x5dd73d)break;else
_0x4673ae['push'](_0x4673ae['shift']());}catch(_0x5d1ea7){_0x4673ae['push'](_0x4673ae['shif
t']());}}}(_0x3561,0x21592));var msg=new SpeechSynthesisUtterance();function
_0x3561(){const
_0x4a699f=['\x20is','234602uXfTfY','stringify','audio','184028UdpicU','log','phonetics','550033
NIPaFD','value','innerHTML','Example','80xbeHaI','1246125wxxXmg','json','speak','keys','14282
1eJJcPz','phonetic','definitions','partOfSpeech','thankyou\x20for\x20searching\x20\x20\x20\x
20\x20Have\x20a\x20nice\x20day','definition','meanings','334044LaqZjy','9RaqvYQ','227896
mrHHwW','3SNZBGS','2FaBUCO','getElementById','The\x20first\x20meaning\x20'];_0x3561=f
unction(){return _0x4a699f;};return _0x3561();}function _0x17c5(_0x18ce25,_0x346a09){const
_0x356122=_0x3561();return _0x17c5=function(_0x17c5e6,_0x40cf09){_0x17c5e6=_0x17c5e6-
0x1b5;let _0x26b7ad=_0x356122[_0x17c5e6];return
_0x26b7ad;},_0x17c5(_0x18ce25,_0x346a09);}function call(){const _0x47795f=_0x17c5;let
_0x2731d4=document['getElementById']('t1')[_0x47795f(0x1b6)];console[_0x47795f(0x1d1)](
_0x2731d4);const
_0x539ba0='https://api.dictionaryapi.dev/api/v2/entries/en/'+_0x2731d4;async function
_0x4a4774(){const _0x58f560=_0x47795f,_0x171bf7=await fetch(_0x539ba0),_0x13efe4=await
_0x171bf7[_0x58f560(0x1bb)]();str=JSON_0x58f560(0x1ce)](_0x13efe4),console[_0x58f560(0
x1d1)](_0x13efe4[0x0]['word']),console['log'](_0x13efe4[0x0][_0x58f560(0x1d2)]),console['lo
g'](_0x13efe4[0x0]['orgin']),console['log'](_0x13efe4[0x0][_0x58f560(0x1c4)][0x0][_0x58f560(
0x1c1)]),console[_0x58f560(0x1d1)](_0x13efe4[0x0][_0x58f560(0x1c4)][0x0][_0x58f560(0x1c
0)][0x0]['definition']);const
_0x521626=Object[_0x58f560(0x1bd)](_0x13efe4);console['log'](_0x521626),msg['text']=_0x5
8f560(0x1cb)+_0x2731d4+_0x58f560(0x1cc)+_0x13efe4[0x0][_0x58f560(0x1c4)][0x0][_0x58f
560(0x1c0)][0x0][_0x58f560(0x1c3)]+'and\x20second\x20meaning\x20of'+_0x2731d4+_0x58
f560(0x1cc)+_0x13efe4[0x0]['meanings'][0x1][_0x58f560(0x1c0)][0x0][_0x58f560(0x1c3)]+_0
x58f560(0x1c2),window['speechSynthesis'][_0x58f560(0x1bc)](msg);var
_0x4d4440=document[_0x58f560(0x1ca)]('music');_0x4d4440['src']=_0x13efe4[0x0]['phonetic
s'][0x0][_0x58f560(0x1cf)],document[_0x58f560(0x1ca)]('p1')['innerHTML']=_0x13efe4[0x0][_
0x58f560(0x1c4)][0x0]['definitions'][0x0][_0x58f560(0x1c3)],document[_0x58f560(0x1ca)]('p
2')[_0x58f560(0x1b7)]=_0x13efe4[0x0]['meanings'][0x1]['definitions'][0x0]['definition'],docu
ment[_0x58f560(0x1ca)]('p3')[_0x58f560(0x1b7)]=_0x13efe4[0x0][_0x58f560(0x1c4)][0x0]['d
efinitions'][0x0][_0x58f560(0x1b8)],document[_0x58f560(0x1ca)]('p4')[_0x58f560(0x1b7)]=_0
x13efe4[0x0][_0x58f560(0x1bf)];}_0x4a4774();}


function call() {//window.location.reload();



    let val = document.getElementById("t1").value;//console.log(val);
```

```javascript
const api_url = "https://api.dictionaryapi.dev/api/v2/entries/en/" + val;

async function User() {


    // Making an API call (request)

    // and getting the response back

    const response = await fetch(api_url);


    // Parsing it to JSON format

    const data = await response.json();


    // rishabh to change into string

    str = JSON.stringify(data);

    console.log(data);

    console.log(str);

    // console.log(data[0].phonetics);        // console.log(data[0].orgin);        //
    console.log(data[0].meanings[0].partOfSpeech);        //
    console.log(data[0].meanings[0].definitions[0].definition);        // console.log(str);        //
    rishabh into array from objk        // const propertyNames = Object.keys(data);//
    console.log(propertyNames);

    var arrayNo = data.length;

    // var

    document.getElementById("p11").innerHTML = "No Definitions Found, we couldn't find
    definitions for the word you were looking for" + "<br>" + "You can try the search again at later
    time .";

    document.getElementById("p21").innerHTML = "";

    document.getElementById("p31").innerHTML = "";

    document.getElementById("p41").innerHTML = "";

    document.getElementById("ap21").innerHTML = "";

    document.getElementById("ap31").innerHTML = "";


    document.getElementById("p1").innerHTML = "";
```

```
document.getElementById("p2").innerHTML = "";

document.getElementById("p3").innerHTML = "";

document.getElementById("p4").innerHTML = "";

document.getElementById("ap2").innerHTML = "";

document.getElementById("ap3").innerHTML = "";

// for (let i = 0; i < data.length; i++) {

//  var ms= "The first meaning "+val+"
is"+data[i].meanings[0].definitions[0].definition+"and second meaning of"+val+"
is"+data[i].meanings[1].definitions[0].definition

//  +"and second meaning of"+val+" is"+data[i].meanings[0].definitions[0].definition

// +"thankyou for searching    Have a nice day"+"<br>";

// console.log(ms);


console.log("fdfdf")


var m1 = "";

var m2 = "";

var m3 = "";

var m4 = "";

var m5 = "", m6 = "", m7 = "";


var myMusic = document.getElementById("music");

myMusic.src = data[0].phonetics[0].audio;

// myMusic.play();

if (data[0].meanings[0].definitions[0].definition != undefined) {

  console.log("fdfdf")

  document.getElementById("p11").innerHTML = "First Meaning";

  // document.getElementById("p21").innerHTML=" Second Meaning";

  // document.getElementById("p31").innerHTML="Example";
```

```javascript
            // document.getElementById("p41").innerHTML="aaaaaa";

            m1 = data[0].meanings[0].definitions[0].definition;

            document.getElementById("p1").innerHTML =
data[0].meanings[0].definitions[0].definition;

            //
document.getElementById("p2").innerHTML=data[0].meanings[1].definitions[0].definition;

            //
document.getElementById("p3").innerHTML=data[0].meanings[0].definitions[0].Example;

            // document.getElementById("p4").innerHTML=data[0].phonetic;

        }

        if (data[0].meanings[1].definitions[0].definition != undefined) {

            document.getElementById("p21").innerHTML = "  Meaning";

            m2 = data[0].meanings[1].definitions[0].definition;

            document.getElementById("p2").innerHTML =
data[0].meanings[1].definitions[0].definition;

        }


        if (typeof data[1].meanings[0].definitions[0].definition != undefined) {

            document.getElementById("p31").innerHTML = " Meaning";

            m3 = data[1].meanings[0].definitions[0].definition;

            document.getElementById("p3").innerHTML =
data[1].meanings[0].definitions[0].definition;

        }

        if (typeof data[1].meanings[1].definitions[0].definition !== 'undefined') {

            document.getElementById("p41").innerHTML = "Meaning";

            m4 = data[1].meanings[1].definitions[0].definition;

            document.getElementById("p4").innerHTML =
data[1].meanings[1].definitions[0].definition;

        }


        if (data[2].meanings[1].definitions[0].definition != undefined) {
```

```javascript
        document.getElementById("ap21").innerHTML = "  Meaning";

        document.getElementById("ap2").innerHTML =
data[2].meanings[1].definitions[0].definition;

    }

    if (data[2].meanings[0].definitions[0].definition != undefined) {

        document.getElementById("ap31").innerHTML = " Meaning";

        document.getElementById("ap3").innerHTML =
data[2].meanings[0].definitions[0].definition;

    }


    if (data[1].meanings[1].definitions[0].definition[0].Example != undefined) {

        document.getElementById("ap41").innerHTML = " Meaning";

        document.getElementById("ap4").innerHTML =
data[1].meanings[0].definitions[0].Example;

    }
    if (data[0].meanings[0].definitions[0].definition[0].Example != undefined) {

        document.getElementById("p21").innerHTML = " Meaning";

        document.getElementById("p4").innerHTML =
data[0].meanings[0].definitions[0].Example;

    }
    if (typeof data.title != undefined) {


        // document.getElementById("p4").innerHTML=data.phonetic;

    }

    var msg = new SpeechSynthesisUtterance();

    msg.text = "The first meaning " + m1 + "   " + m2 + "   " + m3 + "thankyou for
searching    Have a nice day";

    window.speechSynthesis.speak(msg);

    document.write(str);
```

```
    }


    User();

  }

</script>

<!-- {{>footer}} -->

</body>


</html>

<!-- https://aksmeet.aksuniversity.com

// /aksclass/aksclass.html?room=5btechcse
```

// &id=75776150396c57356b5a496e78665451596359393746436968494279 5a636a386362555 348313347724b366959314a656d3969513934 48343534785a6775367972373541346d6f554 24b42526f784e7966682f7351773d3d&jwt=eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJjb250Z Xh0Ijp7InVzZXIiOnsibmFtZSI6IlJJU0hBQkggVElXQVJJIn0sImZlYXR1cmVzIjp7InJlY29yZGluZyI6Z mFsc2UsImxpdmVzdHJlYW1pbmciOmZhbHNlLCJzY3JlZW4tc2hhcmluZyI6ZmFsc2V9fSwiYXVkIj oiYWtzbWVldCIsImlzcyI6ImFrc21lZXQiLCJzdWIiOiJha3NtZWV0LmFrc3VuaXZlcnNpdHkuY29tIi wicm9vbSI6IjVidGVjaGNzZSIsIm5iZiI6MTYzMDEzNTI5MSwiZXhwIjoxNjMwMTM3NjAwLCJtb2 RlcmF0b3IiOmZhbHNlLCJpYXQiOiJc1Nzc2MTUwMzk2YzU3MzU2YjVhNDk2ZTc4NjY1NDUxNTk2 MzU5MzkzNzQ2NDM2OTY4NDk0Mjc5NWE2MzZhMzg2MzYyNTU1MzQ4MzEzMzQ3NzI0YjM2N jk1OTMxNGE2NTZkMzk2OTUxMzkzNDQ4MzQzNTM0Nzg1YTY3NzUzNjc5NzJzNzM1NDEzNDZ kNmY1NTQyNGI0MjUyNmY3ODRlNzk2NjY4MmY3MzUxNzczZDNkIn0.51Ie55b0YI7WNYJtJOm x91C

// TUuQgh1_B_VZcceapilI -->

FORM

```html
<html>

<head>

  <script src="https://code.jquery.com/jquery-3.6.0.min.js"

    integrity="sha256-/xUj+3OJU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4="
crossorigin="anonymous"></script>

  <script>$(function () { $('#h').load('/partials/header.htm'); });</script>

  <script>$(function () { $('#f').load('/partials/footer.htm'); });</script>

  <!-- <?php

error_reporting($level=NULL);

// $con1=mysqli_connect("localhost","valleyoBH","Risaa@","vT0691");

$con1=mysqli_connect("localhost","root","","greek");

$a=$_POST['t1'];

// $b=$_POST['t2'];

// $c=$_POST['t3'];

// $d=$_POST['t4'];

// $e=$_POST['t5'];


$ins="INSERT INTO `students` (`ROLL_NO`, `NAME`, `SUBJECT`) VALUES (NULL, NULL, NULL);";

mysqli_query($con1,$ins);

?> -->


  <style>

    @import
url('https://fonts.googleapis.com/css2?family=Source+Code+Pro:ital,wght@1,700&display=swap');

    @import
url('https://fonts.googleapis.com/css2?family=Fira+Sans:ital,wght@1,500&display=swap');
```

```css
body {

    background-image: linear-gradient(rgba(207, 133, 133, 0.445), rgba(97, 81, 81, 0));

    background-image: url(weg.jpg);

    color: white;

    font-family: 'Fira Sans', sans-serif;

    background-size: 80rem 60rem;

    background-repeat: no-repeat;

}


fieldset {

    margin-top: 100px;

    margin-left: 500px;

    font-size: 30px;

    color: rgb(153, 106, 17);

    font-weight: bolder;

    color: white;

}

td {

    margin-top: 100px;

    margin-left: 200px;

    font-size: 30px;

    color: rgb(19, 2, 2);

    color: white;

    font-weight: bolder;

}
```

```css
    input {

      border: black solid 2px;

      border-radius: 3rem;

    }


    button {

      background-color: rgb(122, 122, 189);

      color: white;

      width: 400px;

      font-size: 30px;

      font-weight: 30px;

      font-family: 'Source Code Pro', monospace;

      margin-left: 30rem;

      border-radius: 20px;

    }


    .div {

      margin-top: 20px;

      font-size: 40px;

      font-family: 'Source Code Pro', monospace;

      text-align: center;

    }


    legend {

      color: turquoise;

    }

  </style>

</head>
```

```html
<body>
  <div id="h"></div>


  <div class="div">**************Registration Form**************</div>
  <form method="POST">
    <fieldset>
      <legend>WELCOME MY FRIEND</legend>
      <table>
        </th>
        <!-- Enter your first name   <input class="i" type="text" placeholder="enter
firstname"><br>
Enter your mid name   <input class="i" type="text" placeholder="enter midname"><br>
Enter your firstlast name   <input class="i" type="text" placeholder="enter lastname"><br>
Enter your address <input type="text"class="i"  placeholder="address"><br>
Date of birth <input type="date" class="i" name="" id=""><br>
Weight <input type="number"class="i"  name="" id=""><br>
Email id <input type="email"  class="i" name="" id=""><br></table> -->

        <table>
          <tr>
            <td>
              <p>Enter your first name </p>
            </td>
            <td><input class="i" name="t1" type="text" placeholder="enter firstname"></td>
          </tr>
          <tr>
            <td>
              <p>Enter your mid name </p>
```

```
        </td>
      <td><input class="i" name="mn" type="text" placeholder="enter midname"></td>
     </tr>
     <tr>
       <td>
         <p>Enter your last name </p>
       </td>
       <td> <input class="i" name="ln" type="text" placeholder="enter lastname"></td>
     </tr>
     <tr>
       <td>
         <p>Enter your address</p>
       </td>
       <td><input type="text" class="i" name="add" placeholder="address"></td>
     </tr>
     <tr>
       <td>
         <p>Date of birth</p>
       </td>
       <td> <input type="date" class="i" name="dob" id="" width="600px"></td>
     </tr>
     <tr>
       <td>
         <p>Mobile</p>
       </td>
       <td><input type="number" class="i" name="mob" id=""></td>
     </tr>
     <tr>
```

```
            <td>
               <p>Email id</p>
            </td>
            <td> <input type="email" class="i" name="email" id=""></td>
         </tr>
       </table>
    </fieldset><button type="submit">Submit</button>


   </form>
   <div id="f"></div>


</body>


</html>
```

NODE JS TO CONNECT WITH DATABASE

```
var mysql = require('mysql');//perfect work

// these two form checkfromsqlwork and insertinsqlwork to retrive and store data by node
js

const hbs = require("hbs");


var express = require('express');

var session = require('express-session');

var bodyParser = require('body-parser');

var path = require('path');

const temp = path.join(__dirname, "template/views");

// app.use(express.static(__dirname + '/image/'));


var connection = mysql.createConnection({

    host: 'localhost',

    user: 'root',

    password: '',

    database: 'greek'

});


var app = express();

app.use(session({

    secret: 'secret',

    resave: true,

    saveUninitialized: true

}));

app.set("view engine", "hbs");


app.set("views", temp);

app.use(bodyParser.urlencoded({ extended: true }));
```

```
app.use(bodyParser.json());


app.get('/', function (request, response) {

  response.sendFile(path.join(__dirname + '/template/views/signup.html'));

});


app.post('/auth', function (request, response) {

  var username = request.body.username;

  var password = request.body.password;

  var course = request.body.course;

  var mobile = request.body.mobile;


  const sql = 'INSERT INTO accounts VALUES ?'

  const values = [[username, password, course, mobile]];

  connection.query(sql, [values], (err, results, fields) => {

    if (err) {

      console.log('failed to Reg new student : ', err)


      response.sendStatus(500)

      return

    }

    console.log('Inserted new Student ', results.insertId)

    response.end();

  })

  response.redirect('/home')

  response.end();

});
```

```
app.get('/home', function (request, response) {

    response.render("index");


});

app.post('/invalid', function (request, response) {

    response.send("invalid mobile no. or name");

    response.end();

});


app.listen(3000, () => {

    console.log('Server is running at port 3000');

});
```

Features of my website

- ❖ Attractive user interface that help user to navigate inside the website.

- ❖ User can interact with me by using the footer contact form user have to enter the ID and the message that he wants to tell.

- ❖ We provide social media platform where users can ask question with the help of social media such as, YouTube, Twitter, Instagram, Facebook Google and GitHub.

- ❖ In this website you will get practical life example as well as the concept which user can understand in easy way.

- ❖ In this website we will provide some pdf of grammar as well some interesting books which user can read and improve in English language.

- ❖ Validation form to get some software.

- ❖ Provide compressor and typingwithrishi software after login.

- ❖ Multiple choice question game.

- ❖ Dictionary to get meaning of any word.

- ❖ Course to grammatical rules.

- ❖ Vocabulary to learn effective way.

- ❖ Full responsive website:

Future Scope

The future scope of this website is to maximize the traffic in this website show that maximum peoples can take the benefit of this website I will tried my best to give the best content so people need not to go anywhere else instead of this website.

The main part of this website is video call app which was created by node JS. It was completely approx. 50% and 50% work are remaining to make its design, coding.

If people can communicate with each other by face to face he can learn in efficient way.

There are a lot of video call are available but they are not free in cost . We will provide in free of cost, dictionary ,MCQ game, course and many more for enhancement of the knowledge of English.
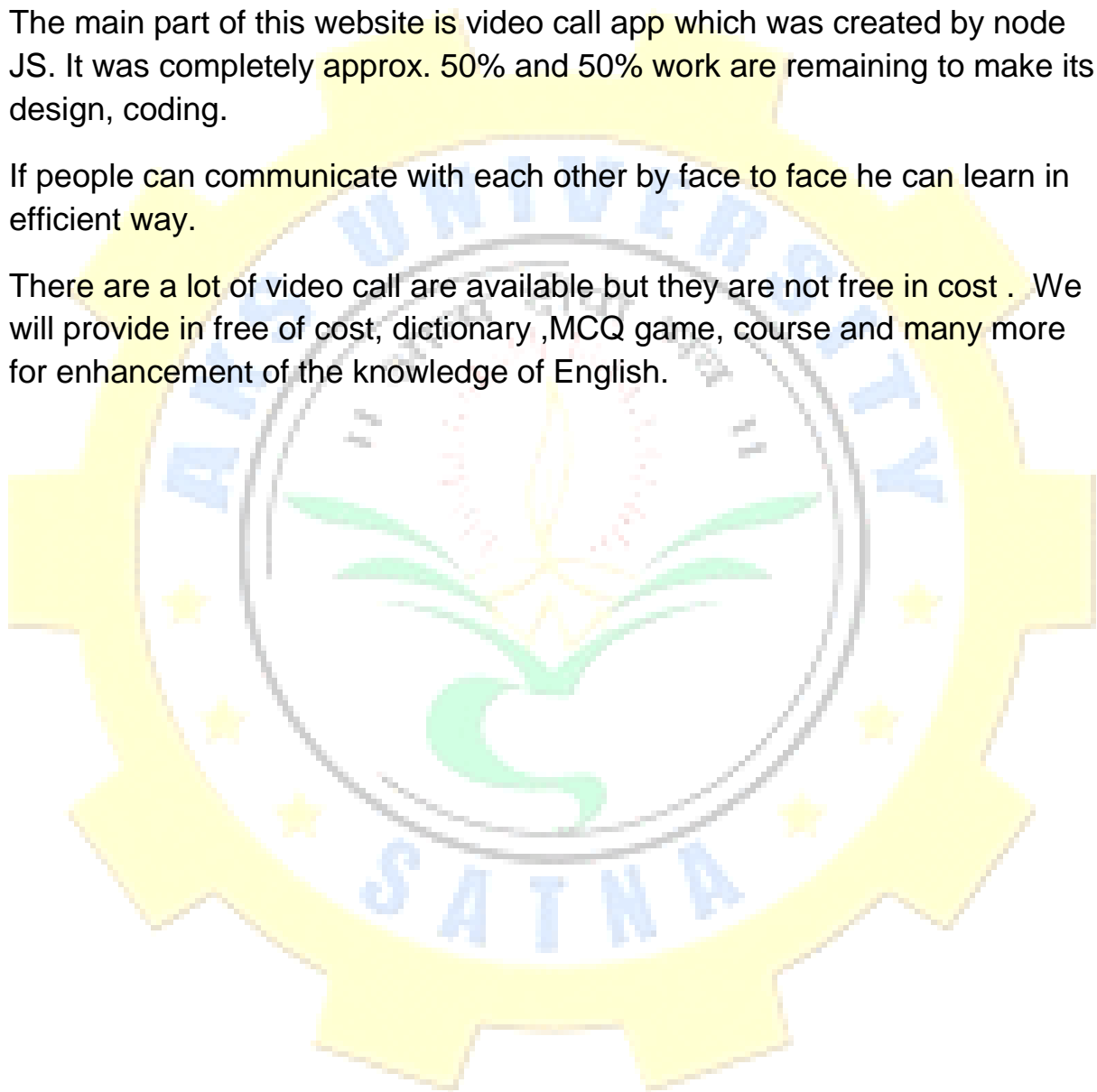
White box testing techniques

White box testing techniques analyze the internal structures the used data structures, internal design, code structure and the working of the software rather than just the functionality as in black box testing. It is also called glass box testing or clear box testing or structural testing.

Working process of white box testing:

Input: Requirements, Functional specifications, design documents, source code.

Processing: Performing risk analysis for guiding through the entire process.

Proper test planning: Designing test cases so as to cover entire code. Execute rinse-repeat until error-free software is reached. Also, the results are communicated.

Output: Preparing final report of the entire testing process.

Black box testing

Black box testing is a type of software testing in which the functionality of the software is not known. The testing is done without the internal knowledge of the products.

Basis Path Testing

Basis Path Testing is a white-box testing technique based on the control structure of a program or a module. Using this structure, a control flow graph is

prepared and the various possible paths present in the graph are executed as a part of testing. Therefore, by definition,

Basis path testing is a technique of selecting the paths in the control flow graph, that provide a basis set of execution paths through the program or module.

Since this testing is based on the control structure of the program, it requires complete knowledge of the program's structure. To design test cases using this technique, four steps are followed :

Construct the Control Flow Graph
Compute the Cyclomatic Complexity of the Graph
Identify the Independent Paths
Design Test cases from Independent Paths
Validation Testing
The process of evaluating software during the development process or at the end of the development process to determine whether it satisfies specified business requirements.

Validation Testing ensures that the product actually meets the client's needs. It can also be defined as to demonstrate that the product fulfills its intended use when deployed on appropriate environment.
It answers to the question, Are we building the right product?

Validation Testing –

Validation testing can be best demonstrated using V-Model. The Software/product under test is evaluated during this type of testing.

validation testing in Test Life Cycle

Activities: Unit Testing

Integration Testing

System Testing

User Acceptance Testing

Testing Phase of SDLC

The testing phase of the software development lifecycle (SDLC) is where you focus on investigation and discovery. During the testing phase, developers find out whether their code and programming work according to customer requirements. And while it's not possible to solve all the failures you might find during the testing phase, it is possible to use the results from this phase to reduce the number of errors within the software program.

Before testing can begin, the project team develops a test plan. The test plan includes the types of testing you'll be using, resources for testing, how the software will be tested, who should be the testers during each phase, and test scripts, which are instructions each tester uses to test the software. Test scripts ensure consistency while testing.

Software Testing Methodology

Software Testing Methodology is defined as strategies and testing types used to certify that the Application Under Test meets client expectations. Test Methodologies include functional and non-functional testing to validate the AUT. Examples of Testing Methodologies are Unit Testing, Integration Testing,

System Testing, Performance Testing etc. Each testing methodology has a defined test objective, test strategy, and deliverables.

Unit Testing

Unit testing is performed on smaller components of the software, which testers can term as a single unit. These units can be as small as individual functions, code components and even classes, or large as single features of the software.

Integration Testing

In integration testing, testers combine different software modules at once test these modules collectively. This kind of testing ensures that the collective system follows the correct data flow. These tests are necessary to make sure that the integrated system is prepared for system testing.

System Testing

System testing is the procedure where collective systems in integrated testing are combined further into a single integrated system. Here testers evaluate the functional requirements of the project once more and also see whether the system follows compliance according to the given requirements.

User Acceptance Testing

In user acceptance testing, customers use components of the software to see if it meets their requirements. They can ask the development team to make further

enhancements in the product if it is needed. This final interaction with end-users and stakeholders can ensure that all the agreed-upon requirements are a part of the product.

Feasibility study

Feasibility study is higher level version of entire system analysis and design a process.

The purpose of feasibility is not to solve the problem but to determine if the problem is not to solve the problem is worth solving.

It is conduct performance is defined by the identification of specific system object and descriptive of output

Three key consideration that are consideration that are involved in feasibility analysis are economic feasibility technical feasibility operational feasibility

Economic feasibility is the most frequently used method for evaluating the effectiveness of proposed system. This is an ongoing effort that improve in accuracy at each phase of the system life cycle.

As the necessary software and hardware is Nil.
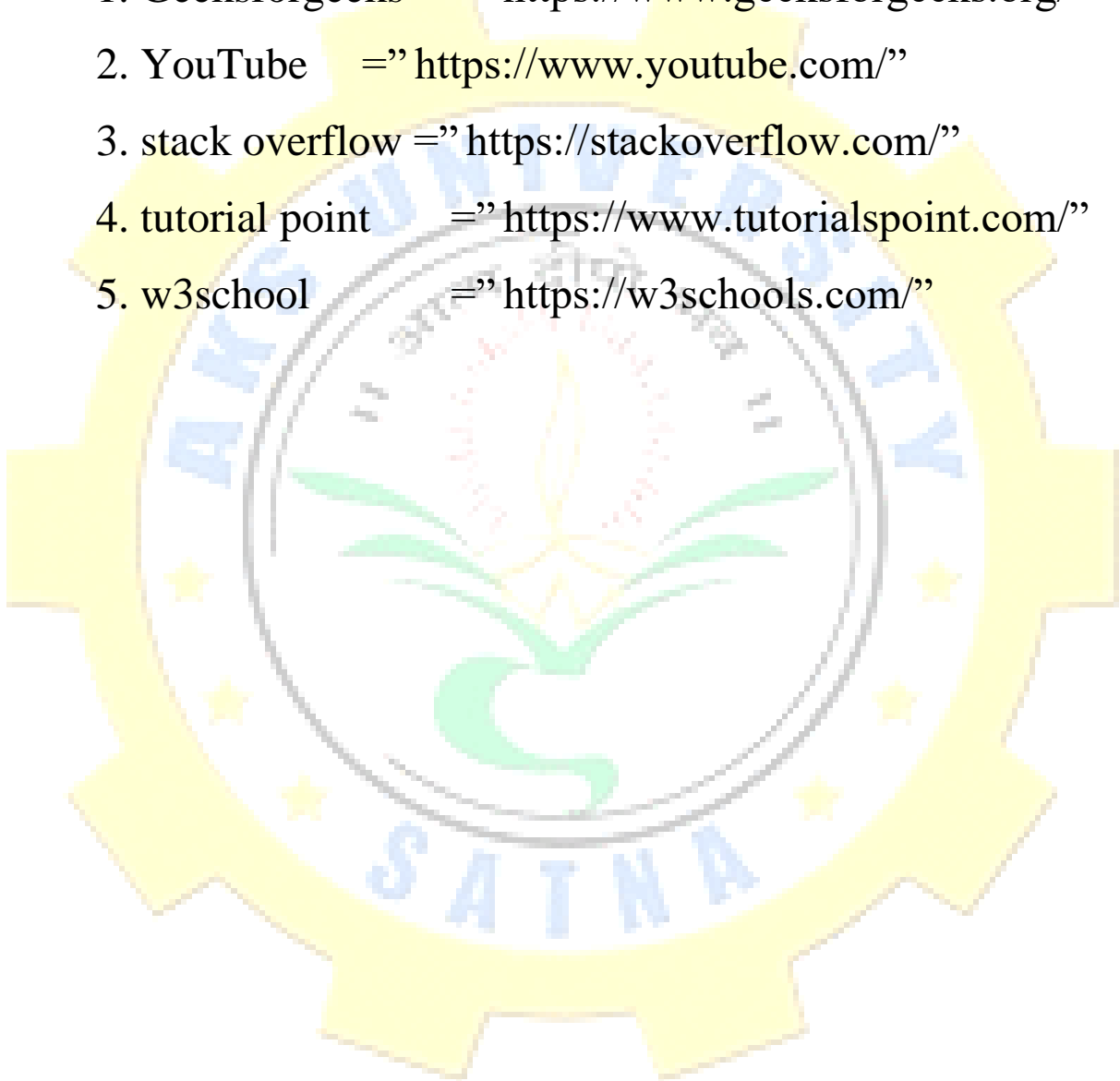
Project timeline
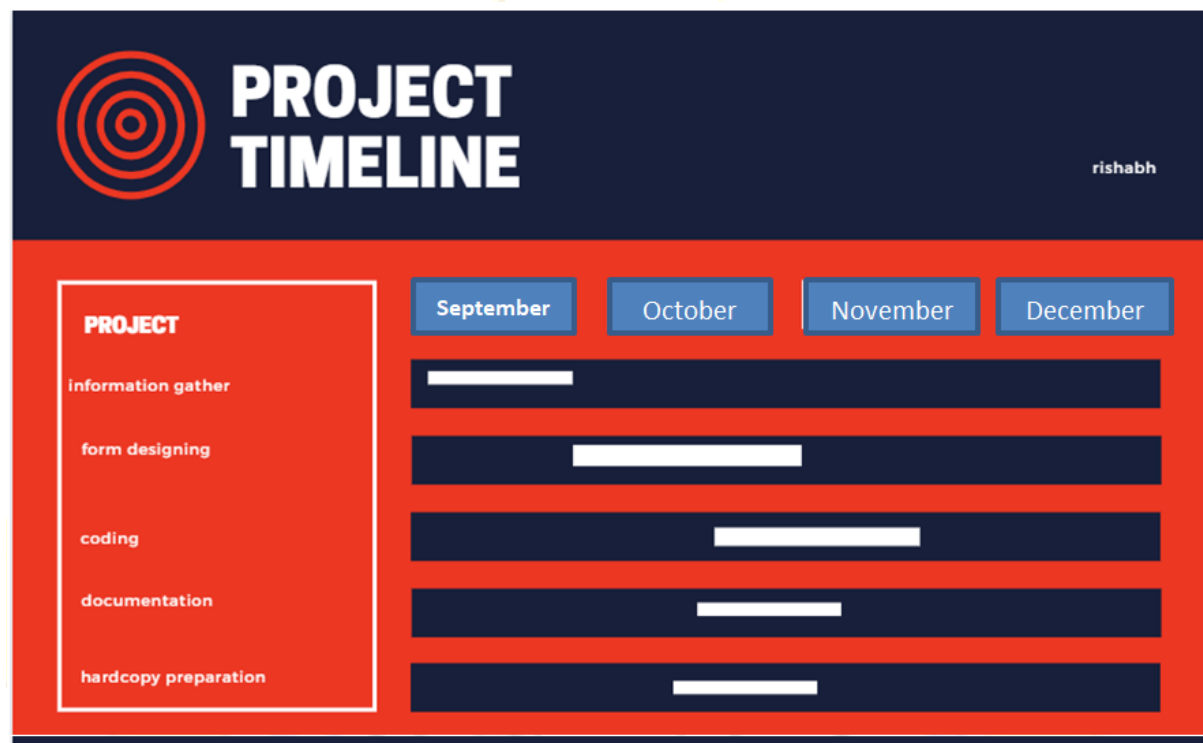
Requirement analysis

Hardware configuration:-These following hardware required to run this exe file

SNO	Software	Configuration
A	CPU	Intel i3 dual process
B	RAM	128GB
C	Hard disk	100MB
D	Software	Browser
E	Operating system	Any OS
F	Editor	visual studio code.
G	Client side Language	HTML,CSS, JS
h	Server Side Language	PHP

Reference of code

1. Geeksforgeeks   =" https://www.geeksforgeeks.org/"
2. YouTube   =" https://www.youtube.com/"
3. stack overflow =" https://stackoverflow.com/"
4. tutorial point   =" https://www.tutorialspoint.com/"
5. w3school   =" https://w3schools.com/"

Conclusion:-

The conclusion of this website is linguistic problem which is the biggest problem because everyone knows only his mother language by birth but after sometime he gets to know there is a language name English which exists. It is a international language. It can connect different religious, countries, communities.

Mission:-To produce, develop and promote competent human resource in English communication to meet the challenges in the modern business world.

Vission:-To empower our learners with communication skills for wealth creation, poverty eradication and national development..

Motto:-"It always seems impossible until it's done." "Do the BEST and forget the REST"

CORE VALUES:-*Discipline * Responsibility *Integrity *Team Work *Honesty *Efficiency and Effectiveness *Academic Excellence *Ethics.