Dictionary Project

GitHub code :

Figure -1 :

Graphical user interface, text, application

Description automatically generated

Figure-2 :

Graphical user interface, text, application, chat or text message

Description automatically generated

Figure-3 :

Graphical user interface, text, application, chat or text message

Description automatically generated

Figure-4:

Graphical user interface, text, application, email

Description automatically generated

Figure-5:

Graphical user interface, text, application, email

Description automatically generated

Figure-6

Graphical user interface, text, application, email

Description automatically generated

Database connection Code :

const express=require('express');

const urlencodedparser=express.urlencoded({extended:false});

const directoryRoute=express.Router();

const mysql=require('mysql');

var connection=mysql.createConnection({

host:'localhost',

user:'root',

password:"12345678",

database:'entries'

});

directoryRoute.get('/',(req,res,next)=>{

connection.connect((err)=>{

if (err) {

console.log("Database not cnnected");

}else{

console.log("Database cnnected");

res.redirect('/my');

}. })

});

**Database query method :**

directoryRoute.get('/api/search/get',urlencodedparser,(req,res)=>{

console.log(req.query.word);

connection.query(`SELECT \* FROM entries WHERE word = '${req.query.word}'`,(err,data)=>{

if (err) {

console.log("something wrong......");

}else{

console.log(data);

res.status(200).json(data);

}

});

});

**jQuery Request :**

$(document).ready(function(){

$("#btnSearch").click(function(){

$("#meaning").html("");

$("#err").html("");

$("#err1").text("");

var value=$("#search").val();

if (value.length===0) {

$("#err").html("\* Term field is required");

return false;

}else{

var url ="http://localhost:5000/api/search/get";

$.get(url,{word:value}).done(suceesFunction).fail(errorFunction);

function suceesFunction(result){

if (result.length==0) {

$("#err1").text("Word not found").css("color","red");

}else{

var count=0;

$.each(result,function(index,value){

++count;

$("#meaning").append("<p>"+count+" ("+value.wordtype+") :: "+value.definition+"</p>");

});

}

}

function errorFunction(error){

alert(error);

$.each(error,function(index,value){

alert(value);

});

}

}

});

});