**Online Dictionary – Final Project**

[**http://localhost/OnlineDictionary**](http://localhost/OnlineDictionary)

**Graphical user interface

Description automatically generated**

**Graphical user interface, text, application, email

Description automatically generated**

**dict.html**

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| <!DOCTYPE html>  <html lang="en">  <head>    <meta charset="UTF-8">    <meta http-equiv="X-UA-Compatible" content="IE=edge">    <meta name="viewport" content="width=device-width, initial-scale=1.0">    <title>Online Dictionary</title>    <link rel="stylesheet" href="css/dict.css">    <script src="scripts/jquery-3.6.0.min.js"></script>  </head>  <body>    <div id="top">      <div id='header'>        WAP Online Dictionary      </div>    <div id='form'">        Term:        <input type='text' id='word' name='word' placeholder="Search..">        <input type='button' id='lookup' value='Lookup'>      </div>    </div>    <div id='show'>    </div>    <footer>      <div class='foot'>        <a href="http://validator.w3.org/nu/?uri=https://github.com/seyfe-geb/seyfe-geb/blob/main/Final Project - Dictionary/dict.html">          <img alt="Valid HTML!" src="images/w3c-html.png" />        </a>        <a href="http://jigsaw.w3.org/css-validator/validator?uri=https://github.com/seyfe-geb/seyfe-geb/blob/main/Final Project - Dictionary/dict.css">          <img alt="Valid CSS!" src="images/w3c-css.png" />        </a>        <a href="http://mumstudents.org/jshint/check.php?uri=https://github.com/seyfe-geb/seyfe-geb/blob/main/Final Project - Dictionary/dict.js">          <img src="images/w3c-js.png" alt="Valid Js" />        </a>      </div>      <pre>Developed by:  Seyfegebriel Mamo | Email:  <a href="mailto:smamo@miu.edu">smamo@miu.edu</a></pre>    </footer>  *<!-- the javascripts -->*    <script src="scripts/word.js"></script>    <script src="scripts/dict.js"></script>  </body>  </html> |

**dict.css**

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| body{    padding:0;    margin:0;    font-family:'monotype corsiva';  }  #top{    position: sticky;    top:0;  }  #header{    border:1px solid black;    border-radius: 15px;    color:darkred;    font-weight: bolder;    font-size: 22pt;    background-color: lightgreen;    text-align: center;    padding: 10px;  }  #form{    padding: 10px 200px;    background-color: whitesmoke;    font-size: 20pt;    font-family:'monotype corsiva', 'Courier New', Courier, monospace;    box-shadow: 1px 1px lightgrey;  }  .row{    padding: 10px;    font-family: Times;    font-size: 18px;  }  input[type=text]{    width:40%;    padding: 2px;    font-size: 16px;  }  input[type=button]{    box-shadow:inset 0px -3px 7px 0px #29bbff;    background:linear-gradient(to bottom, #2dabf9 5%, #0688fa 100%);    background-color:#2dabf9;    border-radius:3px;    border:1px solid #0b0e07;    display:inline-block;    cursor:pointer;    color:#ffffff;    font-family:Arial;    font-size:15px;    padding:4px 23px;    text-decoration:none;    text-shadow:0px 1px 0px #263666;  }  input[type=button]:hover {    background:linear-gradient(to bottom, #0688fa 5%, #2dabf9 100%);    background-color:#0688fa;  }  input[type=button]:active {    position:relative;    top:1px;  }  hr {    border-top: 0px solid grey;  }  footer{    position: fixed;    bottom: 0;    width: 100%;    padding-top: 10px;    background-color: lightgray;    text-align: center;    color: black;  }  .foot{    float: left;  }  a{    text-decoration: none;    color: red;  }  img{    height: 30px;    width: 60px;;  }  #show{    font-family: 'Times New Roman', Times, serif;    background-color: lightgreen;  }  pre{    text-align: right;  } |

**dict.js**

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| --- |
| $(document).ready(()=>{    $('#lookup').click(()=>{      var word= $('#word').val();      $.ajax({        "url": "http://localhost:7070/",        "data": {"word": word},        "type": "GET",        "success": showResult,        "error": errorHandler        });        $("#word").keyup(function(event) {          if (event.keyCode === 13) {              $("#lookup").click();          }        });    })  });  function showResult(data){    var output= "";    for(var i=0; i<data.length; i++){      var type= data[i].wordtype;      var def= data[i].definition;      output+= "<div class= 'row'>"+ (i+1) + "("+type+")"+ " :: "+ def + ' </div> <hr>'    }    $("#show").html(output);  }  function errorHandler(){    console.log('Error ocured from the server');  } |

**word.js**

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| exports.queryWord= function(word, res){  const mysql = require('mysql');    var con = mysql.createConnection({      host: "localhost",      database: "entries",      port: 3306,      user: "root",      password: "password",  });    con.connect(function (err) {      if (err) throw err;  });    var sql = `SELECT wordtype, definition FROM entries where word= '${word}'`;  con.query(sql, function (err, data) {        if (err) throw err;        res.json(data);      });  } |

**dictionary.js**

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| --- |
| var express = require('express');  var app = express();  var PORT = 7070  app.use(express.static("./"));  app.listen(PORT, () => console.log("Server start on port: " + PORT))  app.get('/', (req, res) => {    var word= req.query.word;    var query= require('./scripts/word');    query.queryWord(word, res);  })  app.get('/OnlineDictionary', function(req, res){      var path = require('path');        res.sendFile(path.join(\_\_dirname, '/dict.html'));  }) |