

CS472-WAP Online Dictionary Project
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//dict.html

```
<!DOCTYPE html>
<!-- Author by Seid Ahmed Adem 613435 -->
<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">
  <meta name="Author" content="Seid Ahmed">
  <title>WAP Online Dictionary</title>
  <link rel="shortcut icon" type="image/jpg" href="images/dict.png" />
  <link rel="stylesheet" href="css/dict.css">
  <script src="./js/jquery.js"></script>
</head>
<body>
  <div id="container">
    <header>
      <div class="container">
        
        <h2>CS472-WAP Online Dictionary Project </h2>
      </div>
    </header>
    <div class="container">
      <div id="lookup">
        <form action="#">

          <label for="search">Term : </label>
          <input type="search" name="word" id="search" minlength="1"
placeholder="Search for a word" required />
          <button type="submit">Lookup</button>
        </form>
      </div>
      <div id="definition">
        <ol></ol>
      </div>
    </div>
  </div>
</body>
</html>
```

```

<div id="checkers">
  <a
href="http://validator.w3.org/nu/?doc=https://seidahmed38.github.io/project/dict.
html">
    </a>
  <a
href="http://validator.w3.org/nu/?doc=https://seidahmed38.github.io/project/dict.
css">
    </a>
    <a href="https://webster.cs.washington.edu/jslint/?referer">
      </a>
  </div>
  <script src="./js/dict.js"></script>
</div>
</body>

</html>

```

//dict.css

```

#search {
  border-radius: 5px;
  font-size: 18px;
  padding: 4px 8px;
  width: 25%;
  text-align: left;
  border: 2px solid pink;
  border-radius: 10px;
  margin-top: 10px;
  font-size: 18px;
}

#container{
  width: 80%;
  margin: auto;
  text-align: center;
}

img{
  width: 10%;
}

button, label{
  border-radius: 5px;
  font-size: 18px;
  padding: 4px 8px;
}

#definition{
  #checkers {
    position: fixed;
    bottom: 0;
    right: -20%;
    width: 80%;
  }
}

```

//dict.js

```
$(document).ready(function () {
  $("form").on("submit", function (event) {
    let searchItem = $(this).serialize();

    $.ajax({
      url: "http://localhost:3000/dict",
      type: "POST",
      dataType: "json",
      data: searchItem,
      success: function (result) {
        $("#definition > ol").html("");
        for (let i = 0; i < result.length; i++) {
          let defn = $(
            "<li>" +
            result[i].wordtype +
            ">:: " +
            result[i].definition +
            "</li>"
          );
          defn.appendTo($("#definition > ol"));
        }
        console.log(result);
      },
      error: function (err) {
        console.log(err);
      },
    });

    event.preventDefault();
  });
});
```

//dict.js

Standard jQuery library

```

//dict.js

const express = require("express");
const mysql = require('mysql');
const Dict = require("../models/word");

const conn = mysql.createConnection({
  host: "localhost",
  user: "root",
  password: "613435@Miu**"
});

conn.connect(function (err) {
  if (err) throw err;
  console.log("Connected to MySQL Database!");
});

const app = express();
app.use(express.json());
app.use(express.urlencoded({ extended: true }));
app.use(express.static("../client"));

// Home route
app.get("/", (req, res) => {
  res.redirect("dict.html");
});

app.post("/dict", (req, res) => {
  Dict.findAll({
    where: {
      word: req.body.word,
    },
    attributes: ["word", "wordtype", "definition"],
  })
  .then((dict) => {
    res.send(dict);
  })
  .catch((err) => {
    console.log(err);
  });
});

const port = process.env.port || 3000;
app.listen(port, () => {
  console.log(`Web server listening on port ${port} `);
});

```

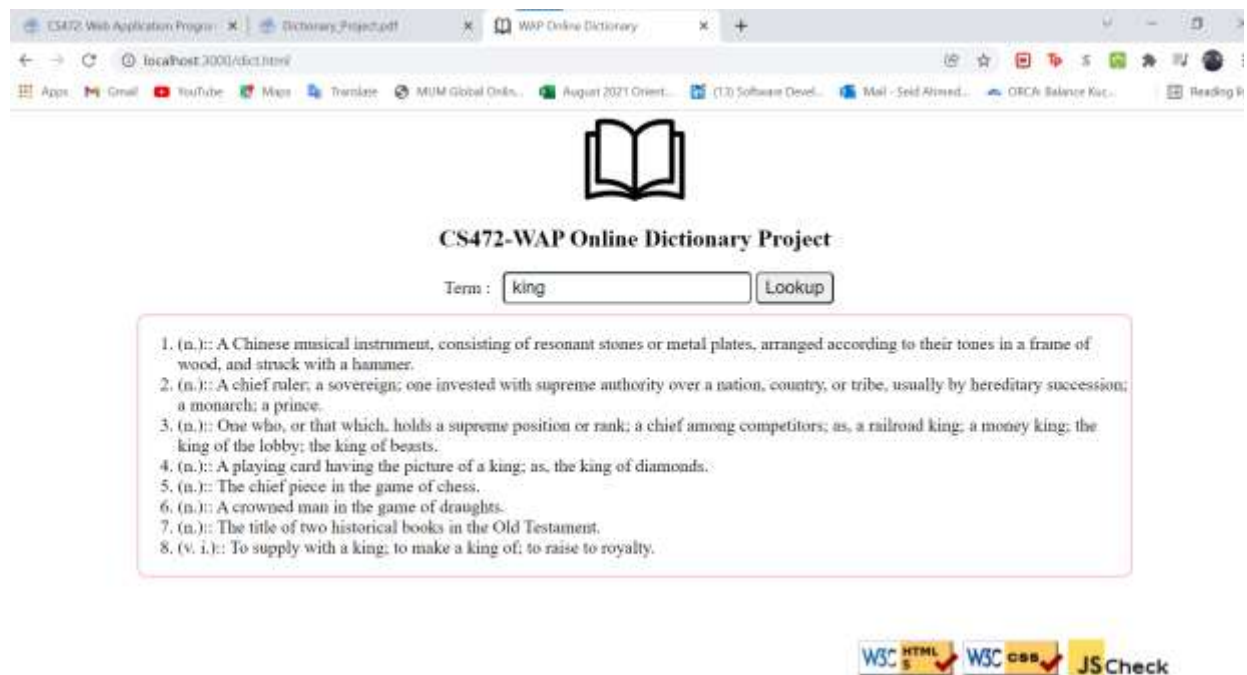
```
//word.js
```

```
const Sequelize = require("sequelize");
const db = new Sequelize("entries", "root", "613435@Miu**", {
  host: "localhost",
  dialect: "mysql",
});
```

```
const EnglishDict = db.define("entrie", {
  word: {
    type: Sequelize.STRING,
  },
  wordtype: {
    type: Sequelize.STRING,
  },
  definition: {
    type: Sequelize.STRING,
  },
});
```

```
module.exports = EnglishDict;
```

// Output



// Output



CS472-WAP Online Dictionary Project

Term :

1. (n.): The universe; the whole.
2. (n.): An association, society, guild, or corporation, esp. one capable of having and acquiring property.
3. (n.): An institution organized and incorporated for the purpose of imparting instruction, examining students, and otherwise promoting education in the higher branches of literature, science, art, etc., empowered to confer degrees in the several arts and faculties, as in theology, law, medicine, music, etc. A university may exist without having any college connected with it, or it may consist of but one college, or it may comprise an assemblage of colleges established in any place, with professors for instructing students in the sciences and other branches of learning.



CS472-WAP Online Dictionary Project

Term :

1. (v.): A state of quiet or tranquillity; freedom from disturbance or agitation; calm; repose.
2. (v.): Exemption from, or cessation of, war with public enemies.
3. (v.): Public quiet, order, and contentment in obedience to law.
4. (v.): Exemption from, or subjection of, agitating passions; tranquillity of mind or conscience.
5. (v.): Reconciliation; agreement after variance; harmony; concord.
6. (v. t. & i.): To make or become quiet; to be silent; to stop.



// Output

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CS472-WAP Online Dictionary Project

Term :


1. (.): The first letter of the English and of many other alphabets. The capital A of the alphabets of Middle and Western Europe, as also the small letter (a), besides the forms in Italic, black letter, etc., are all descended from the old Latin A, which was borrowed from the Greek Alpha, of the same form; and this was made from the first letter (ʾ) of the Phoenician alphabet, the equivalent of the Hebrew Aleph, and itself from the Egyptian origin. The Aleph was a consonant letter, with a guttural breath sound that was not an element of Greek articulation; and the Greeks took it to represent their vowel Alpha with the a sound, the Phoenician alphabet having no vowel symbols.
2. (.): The name of the sixth tone in the model major scale (that in C), or the first tone of the minor scale, which is named after it the scale in A minor. The second string of the violin is tuned to the A in the treble staff. — A sharp (A/) is the name of a musical tone intermediate between A and B. — A flat (A/) is the name of a tone intermediate between A and G.
3. (.): An adjective, commonly called the indefinite article, and signifying one or any, but less emphatically.
4. (.): In each; to or for each; as, "twenty leagues a day", "a hundred pounds a year", "a dollar a yard", etc.
5. (prep.): In; on; at; by.
6. (prep.): In process of; in the act of; into; to; — used with verbal substantives in -ing which begin with a consonant. This is a shortened form of the preposition an (which was used before the vowel sound); as in a hunting, a building, a begging.
7. (.): OE.
8. (.): A barbarous corruption of have, of be, and sometimes of it and of they.
9. (.): An expletive, void of sense, to fill up the meter



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Term :

 Please fill out this field.

