**HTML**

<!doctype html>

<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- CSS -->

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

<!-- FONT AWESOME CDN -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.14.0/css/all.min.css"

integrity="sha512-1PKOgIY59xJ8Co8+NE6FZ+LOAZKjy+KY8iq0G4B3CyeY6wYHN3yt9PW0XpSriVlkMXe40PTKnXrLnZ9+fkDaog=="

crossorigin="anonymous" />

<title>My Journal</title>

<script src=" script.js">

</script>

</head>

<body onload="enableEditMode()">

<!--search bar-->

<div class="box1">

<div class="box2">

<div class="box2-1">

<section class="titlebar">

<textarea class="textTitle" rows="1" columns="50" id="title" placeholder="Title">Title</textarea>

<form id="titleForm" action=""></form>

</div>

<div class="box2-2">

<input type="text" class="searchTerm" placeholder="What are you looking for?">

<button type="submit" class="searchButton">

<i class="fa fa-search"></i>

</button>

</div>

<img class="img1" src="http://zcw.tvd.mybluehost.me/wp-content/uploads/2024/07/gibbongames3.1-1.jpg">

<div class="box2-3" id="date">

<section class=>

<form id="date" action="">

<fieldset>

<legend><strong>Date</strong></legend>

<label>

<input id="date" type="date"></input>

<div class="box2-4"> </div>

</div>

</div>

<div class="box3">

<div class="box3-1" id="textEditor">

<section class="toolbar">

<button onclick="Edit('bold')" title="bold"><i class="fa fa-bold"></i></button>

<button onclick="Edit('italic')" title="italic"><i class="fa fa-italic"></i></button>

<button onclick="Edit('underline')" title="underline"><i class="fa fa-underline"></i></button>

<button onclick="Edit('strikeThrough')" title="strikeThrough"><i class="fa fa-strikethrough"></i></button>

<button onclick="Edit('justifyLeft')" title="Align Left"><i class="fa fa-align-left"></i></button>

<button onclick="Edit('justifyCenter')" title="Align Center"><i class="fa fa-align-center"></i></button>

<button onclick="Edit('justifyFull')" title="justify"><i class="fa fa-align-justify"></i></button>

<button onclick="Edit('cut')" title="cut"><i class="fa fa-cut"></i></button>

<button onclick="Edit('copy')" title="Copy"><i class="fa fa-copy"></i></button>

<button onclick="Edit('indent')" title="text-indent"><i class="fa fa-indent"></i></button>

<button onclick="Edit('outdent')" title="text outdent"><i class="fa fa-outdent"></i></button>

<button onclick="Edit('subscript')" title="subscript"><i class="fa fa-subscript"></i></button>

<button onclick="Edit('superscript')" title="subscript"><i class="fa fa-superscript"></i></button>

<button onclick="Edit('undo')" title="undo"><i class="fa fa-undo"></i></button>

<button onclick="Edit('redo')" title="redo"><i class="fa fa-redo"></i></button>

<button onclick="Edit('insertUnorderedList')" title="unordered list"><i class="fa fa-list-ul"></i></button>

<button onclick="Edit('insertOrderedList')" title="ordered list"><i class="fa fa-list-ol"></i></button>

<button onclick="Edit('insertParagraph')"><i class="fa fa-paragraph"></i></button>

<select onchange="execVal('formatBlock',this.value)">

<option value="H1">H1</option>

<option value="H2">H2</option>

<option value="H3">H3</option>

<option value="H4">H4</option>

<option value="H5">H5</option>

<option value="H6">H6</option>

</select>

<br>

<button onclick="Edit('insertHorizontalRule')" title="insert Horizontal Rule">insert Horizontal Rule</button>

<button onclick="Edit('createLink',prompt('Enter a URL,http://'))"><i class="fa fa-link"></i></button>

<button onclick="Edit('unlink')"><i class="fa fa-unlink"></i></button>

<select onchange="execVal('fontName',this.value)">

<option value="Arial">Arial</option>

<option value="Comic Sans MS">Comic Sans MS</option>

<option value="Courier">Courier</option>

<option value="Georgia">Georgia</option>

<option value="Tahoma">Tahoma</option>

<option value="Times New Roman">Times New Roman</option>

<option value="Verdana">Verdana</option>

</select>

<select onchange="execVal('fontSize',this.value)" title="font size">

<option value="1">1</option>

<option value="2">2</option>

<option value="3">3</option>

<option value="4">4</option>

<option value="5">5</option>

<option value="6">6</option>

<option value="7">7</option>

</select>Font Color<input type="color" onchange="execVal('foreColor',this.value)" /> Highlight<input

type="color" onchange="execVal('hiliteColor',this.value)" />

<button onclic="Edit('SelectAll')">Select All</button>

</section>

</div>

<div class="box3-2" id="journal">

<div class="box3-3">

<h1 class="my-journal">My Journal</h1>

<button class="voiceMemo">Voice Memo</button>

</div>

<div class="box3-5" id="backdrop" style="z-index: 1; position: absolute; top: 0px; left: 0px; id="categories">

<button class="c1"><a href="default.asp">C1</a></button>

<button class="c2"><a href="default.asp">C2</a></button>

<button class="c3"><a href="default.asp">C3</a></button>

<button class="c4"><a href="default.asp">C4</a></button>

<button class="c5"><a href="default.asp">C5</a></button>

<button class="c6"><a href="default.asp">C6</a></button>

<button class="c7"><a href="default.asp">C7</a></button>

<button class="c8"><a href="default.asp">C8</a></button>

<button class="c9"><a href="default.asp">C9</a></button>

<button class="c10"><a href="default.asp">C10</a></button>

</div>

<div class="box3-4" id="backdrop" style="z-index: 1; position: absolute; top: 0px; left: 0px; id="projects">

<button class="p1"><a href="default.asp">P1</a></button><br>

<button class="p2"><a href="default.asp">P2</a></button><br>

<button class="p3"><a href="default.asp">P3</a></button><br>

<button class="p4"><a href="default.asp">P4</a></button><br>

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<button class="p6"><a href="default.asp">P6</a></button><br>

<button class="p7"><a href="default.asp">P7</a></button><br>

<button class="p8"><a href="default.asp">P8</a></button><br>

<button class="p9"><a href="default.asp">P9</a></button><br>

<button class="p10"><a href="default.asp">P10</a></button>

</div>

<div class="box3-6">

<iframe class= "richTextField" name="richTextField" style="width:100%;height: 90%;margin:auto;display: block;">

</iframe>

<form id="journalEntry" action="">

<button class="saveButton">Save</button>

</form>

</div>

</div>

</div>

</div>

</body>

</html><!doctype html>

<html lang="en">

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crossorigin="anonymous" />

<title>My Journal</title>

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</button>

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<div class="box2-3" id="date">

<section class=>

<form id="date" action="">

<fieldset>

<legend><strong>Date</strong></legend>

<label>

<input id="date" type="date"></input>

<div class="box2-4"> </div>

</div>

</div>

<div class="box3">

<div class="box3-1" id="textEditor">

<section class="toolbar">

<button onclick="Edit('bold')" title="bold"><i class="fa fa-bold"></i></button>

<button onclick="Edit('italic')" title="italic"><i class="fa fa-italic"></i></button>

<button onclick="Edit('underline')" title="underline"><i class="fa fa-underline"></i></button>

<button onclick="Edit('strikeThrough')" title="strikeThrough"><i class="fa fa-strikethrough"></i></button>

<button onclick="Edit('justifyLeft')" title="Align Left"><i class="fa fa-align-left"></i></button>

<button onclick="Edit('justifyCenter')" title="Align Center"><i class="fa fa-align-center"></i></button>

<button onclick="Edit('justifyFull')" title="justify"><i class="fa fa-align-justify"></i></button>

<button onclick="Edit('cut')" title="cut"><i class="fa fa-cut"></i></button>

<button onclick="Edit('copy')" title="Copy"><i class="fa fa-copy"></i></button>

<button onclick="Edit('indent')" title="text-indent"><i class="fa fa-indent"></i></button>

<button onclick="Edit('outdent')" title="text outdent"><i class="fa fa-outdent"></i></button>

<button onclick="Edit('subscript')" title="subscript"><i class="fa fa-subscript"></i></button>

<button onclick="Edit('superscript')" title="subscript"><i class="fa fa-superscript"></i></button>

<button onclick="Edit('undo')" title="undo"><i class="fa fa-undo"></i></button>

<button onclick="Edit('redo')" title="redo"><i class="fa fa-redo"></i></button>

<button onclick="Edit('insertUnorderedList')" title="unordered list"><i class="fa fa-list-ul"></i></button>

<button onclick="Edit('insertOrderedList')" title="ordered list"><i class="fa fa-list-ol"></i></button>

<button onclick="Edit('insertParagraph')"><i class="fa fa-paragraph"></i></button>

<select onchange="execVal('formatBlock',this.value)">

<option value="H1">H1</option>

<option value="H2">H2</option>

<option value="H3">H3</option>

<option value="H4">H4</option>

<option value="H5">H5</option>

<option value="H6">H6</option>

</select>

<br>

<button onclick="Edit('insertHorizontalRule')" title="insert Horizontal Rule">insert Horizontal Rule</button>

<button onclick="Edit('createLink',prompt('Enter a URL,http://'))"><i class="fa fa-link"></i></button>

<button onclick="Edit('unlink')"><i class="fa fa-unlink"></i></button>

<select onchange="execVal('fontName',this.value)">

<option value="Arial">Arial</option>

<option value="Comic Sans MS">Comic Sans MS</option>

<option value="Courier">Courier</option>

<option value="Georgia">Georgia</option>

<option value="Tahoma">Tahoma</option>

<option value="Times New Roman">Times New Roman</option>

<option value="Verdana">Verdana</option>

</select>

<select onchange="execVal('fontSize',this.value)" title="font size">

<option value="1">1</option>

<option value="2">2</option>

<option value="3">3</option>

<option value="4">4</option>

<option value="5">5</option>

<option value="6">6</option>

<option value="7">7</option>

</select>Font Color<input type="color" onchange="execVal('foreColor',this.value)" /> Highlight<input

type="color" onchange="execVal('hiliteColor',this.value)" />

<button onclic="Edit('SelectAll')">Select All</button>

</section>

</div>

<div class="box3-2" id="journal">

<div class="box3-3">

<h1 class="my-journal">My Journal</h1>

<button class="voiceMemo">Voice Memo</button>

</div>

<div class="box3-5" id="backdrop" style="z-index: 1; position: absolute; top: 0px; left: 0px; id="categories">

<button class="c1"><a href="default.asp">C1</a></button>

<button class="c2"><a href="default.asp">C2</a></button>

<button class="c3"><a href="default.asp">C3</a></button>

<button class="c4"><a href="default.asp">C4</a></button>

<button class="c5"><a href="default.asp">C5</a></button>

<button class="c6"><a href="default.asp">C6</a></button>

<button class="c7"><a href="default.asp">C7</a></button>

<button class="c8"><a href="default.asp">C8</a></button>

<button class="c9"><a href="default.asp">C9</a></button>

<button class="c10"><a href="default.asp">C10</a></button>

</div>

<div class="box3-4" id="backdrop" style="z-index: 1; position: absolute; top: 0px; left: 0px; id="projects">

<button class="p1"><a href="default.asp">P1</a></button><br>

<button class="p2"><a href="default.asp">P2</a></button><br>

<button class="p3"><a href="default.asp">P3</a></button><br>

<button class="p4"><a href="default.asp">P4</a></button><br>

<button class="p5"><a href="default.asp">P5</a></button><br>

<button class="p6"><a href="default.asp">P6</a></button><br>

<button class="p7"><a href="default.asp">P7</a></button><br>

<button class="p8"><a href="default.asp">P8</a></button><br>

<button class="p9"><a href="default.asp">P9</a></button><br>

<button class="p10"><a href="default.asp">P10</a></button>

</div>

<div class="box3-6">

<iframe class= "richTextField" name="richTextField" style="width:100%;height: 90%;margin:auto;display: block;">

</iframe>

<form id="journalEntry" action="">

<button class="saveButton">Save</button>

</form>

</div>

</div>

</div>

</div>

</body>

</html>

**CSS**

html {

margin: 0;

padding: 0;

scroll-behavior: smooth;

}

div,

iframe {

width: 95% !important;

margin: auto;

display: block;

border: 1px solid #ccc;

padding-bottom: 5px;

}

iframe {

height: 600px !important;

}

div {

border: none;

margin-bottom: 20px;

}

button,

input,

select {

margin: 5px;

}

.fa fa-bold {

}

.toolbar {

margin-left: 6px;

padding: 10px;

}

.titlebar {

margin-left: 6px;

}

@import url(https://fonts.googleapis.com/css?family=Open+Sans);

.search {

width: 100%;

position: absolute;

margin-left: 525px;

margin-top: 40px;

display: inline;

}

body{

background: #f2f2f2;

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

}

JV:

const entryForm = document.querySelector(`#entryForm`);

const entryResultsSection = document.querySelector(`#entryResultsSection`);

const entryResultItem = document.querySelector(`.entryResultItem`);

const entryResultRow = document.querySelector(`.entryResultRow`);

const getEntryTitle = document.getElementsByClassName(`entry-text-title`);

const getEntryText = document.getElementsByClassName(`entry-text-box`);

function enableEditMode() {

richTextField.document.designMode = "on";

}

function Edit(command) {

richTextField.document.execCommand(command, false, null);

}

function execVal(command, value) {

richTextField.document.execCommand(command, false, value);

}

function addEntryToDom(event) {

event.preventDefault();

const d = new Date();

const month = new Array();

month[0] = 'January';

month[1] = 'February';

month[2] = 'March';

month[3] = 'April';

month[4] = 'May';

month[5] = 'June';

month[6] = 'July';

month[7] = 'August';

month[8] = 'September';

month[9] = 'October';

month[10] = 'November';

month[11] = 'December';

const n = month[d.getMonth()];

const day = d.getDay();

const year = d.getFullYear();

const heading = document.createElement(`h2`);

heading.className = `heading-results`;

heading.textContent = `Journal Entries`;

entryResultRow.insertAdjacentElement(`beforebegin`, heading)

// Adding Div

const entryDiv = document.createElement(`div`);

entryDiv.className = `single-entry-div`;

entryResultRow.appendChild(entryDiv);

const entryHeading = document.createElement(`h3`);

entryHeading.className = `single-entry-heading`;

entryHeading.textContent = getEntryTitle[0].value;

entryDiv.appendChild(entryHeading);

const entryDate = document.createElement(`p`);

entryDate.className = `single-entry-date`;

// eslint-disable-next-line no-cond-assign

if ((getEntryTitle[0].value = getEntryTitle[0].value)) {

entryDate.textContent = `Date Added: ${day} ${n} ${year}`;

entryDiv.appendChild(entryDate);

}

const entryParagraph = document.createElement(`p`);

entryParagraph.className = `single-entry-text`;

entryParagraph.textContent = getEntryText[0].value;

entryDiv.appendChild(entryParagraph);

getEntryText[0].value = ``;

}

entryForm.addEventListener(`submit`, addEntryToDom);

}

}

.box1 {

}

.box2 {

outline: solid;

padding: 0px;

margin-bottom: 20px;

border-radius: 10px;

margin-top: 20px;

margin-left: 30px;

height: 200px;

}

.box2-1 {

position: absolute;

margin-top: 20px;

margin-left: 20px;

display: inline;

}

.box2-2 {

position: absolute;

margin-top: 20px;

margin-left: 550px;

display: inline;

}

.box2-3 {

margin-top: 40px;

margin-bottom: 20px;

margin-right: 10px;

padding: 15px;

position: absolute;

display: inline;

max-width: 85%;

}

.box2-4 {

margin-top: 20px;

}

.box3 {

outline: solid;

border-radius: 10px;

margin-left: 30px;

}

.box3-1 {

outline: ;

border-radius: 10px;

margin-top: 15px;

}

.box3-2 {

background-color: #ffd700;

margin-left: 50px;

margin-right: 20px;

margin-top: 35px;

margin-bottom: 20px;

overflow: hidden;

padding: 2px;

border-style: solid;

border-radius: 10px;

max-width: 91%;

}

.box3-3 {

margin-left: 260px;

height: 35px;

}

.box3-4 {

margin-top: 505px;

margin-left: 65px;

}

.box3-5 {

margin-top: 360px;

margin-left: 150px;

}

.box3-6 {

background-color: #ffffff;

outline: solid;

border-radius: 10px;

}

.p1, .c1 {

background-color: #ff0066;

color: #ffffff;

}

.p2, .c2 {

background-color: #ff8533;

color: #ffffff;

}

.p3, .c3 {

background-color: #ffff1a;

color: #000000;

}

.p4, .c4 {

background-color: #00e600;

color: #ffffff;

}

.p5, .c5 {

background-color: #0000ff;

color: #ffffff;

}

.p6, .c6 {

background-color: #ff3399;

color: #ffffff;

}

.p7, .c7 {

background-color: #ac00e6;

color: #ffffff;

}

.p8, .c8 {

background-color: #ac00e6;

color: #ffffff;

}

.p9, .c9 {

background-color: #ac00e6;

color: #ffffff;

}

.p10, .c10 {

background-color: #ac00e6;

color: #ffffff;

}

a:link {

color: #000000;

font-weight: bold;

}

a:visited {

color: #000000;

font-weight: bold;

}

a:hover {

color: #000000;

font-weight: bold;

}

a:active {

color: #000000;

font-weight: bold;

}

.img1 {

width: 15%;

margin-left: 460px;

margin-top: 67px;

position: absolute;

}

.saveButton {

background-color: black;

color: white;

font-weight: bold;

margin-left: 325px;

}

.voiceMemo {

background-color: black;

color: white;

font-weight: bold;

margin-left: 45px;

}

**JavaScript**

const date = new Date();

const d = new Date("2021-03-25");

d.getFullYear();

const months = ["January", "February", "March", "April", "May", "June", "July", "August", "September", "October", "November", "December"];

const d = new Date("2021-03-25");

let month = months[d.getMonth()];

const d = new Date();

d.getHours();

const days = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"];

const d = new Date();

let day = days[d.getDay()];

const minute = 1000 \* 60;

const hour = minute \* 60;

const day = hour \* 24;

const year = day \* 365;

let years = Math.round(Date.now() / year);

/\*voice memo\*/

//DOM load event

window.addEventListener("DOMContentLoaded", () => {

//Set speech recognition fallback

window.SpeechRecognition = window.SpeechRecognition || window.webkitSpeechRecognition;

const recognition = new SpeechRecognition(),

notes = document.querySelector('.notes-list'),

saveBtn = document.querySelector('.btn-save'),

createNote = (transcript, newNote = true) => {

//Create list item element

const note = document.createElement('li');

//Add attributes to note

note.textContent = transcript;

note.classList.add('note');

note.setAttribute('contenteditable', '');

//Add note to notes list

notes.appendChild(note);

//Check save button class

if (newNote && !saveBtn.classList.contains('unsaved')) saveBtn.classList.add('unsaved');

},

saveNotes = () => {

//Get notes

const noteList = document.querySelectorAll('.note');

if (noteList.length > 0) {

//Store notes in local storage

localStorage.setItem('notes', Array.from(noteList).map(note => note.textContent).join(', '));

} else {

//Delete notes entry from local storage

if (localStorage.getItem('notes') !== null) localStorage.removeItem('notes');

}

//Check save button class

if (saveBtn.classList.contains('unsaved')) saveBtn.classList.remove('unsaved');

},

loadNotes = () => {

//Check if notes exist in local storage

if (localStorage.getItem('notes') !== null) {

//Get notes from local storage

const noteList = localStorage.getItem('notes').split(', ');

//Display notes

noteList.forEach(note => createNote(note, false));

}

},

checkNoteLength = e => {

//Check if note should be deleted

if (e.target.textContent.length === 0) e.target.remove();

//Check save button class

if (!saveBtn.classList.contains('unsaved')) saveBtn.classList.add('unsaved');

}

notes.addEventListener('keyup', e => checkNoteLength(e));

saveBtn.addEventListener('click', () => saveNotes());

recognition.addEventListener('result', e => createNote(e.results[0][0].transcript));

recognition.addEventListener('end', recognition.start);

recognition.start();

loadNotes();

});

// Open or create the database

function openDatabase() {

return new Promise((resolve, reject) => {

const request = indexedDB.open("JournalDB", 1);

request.onupgradeneeded = (event) => {

const db = event.target.result;

if (!db.objectStoreNames.contains("entries")) {

db.createObjectStore("entries", { keyPath: "id", autoIncrement: true });

}

};

request.onsuccess = () => resolve(request.result);

request.onerror = () => reject(request.error);

});

}

// Save an entry to IndexedDB

async function saveEntry(content) {

const db = await openDatabase();

const transaction = db.transaction("entries", "readwrite");

const store = transaction.objectStore("entries");

const entry = {

content: content,

timestamp: new Date().toISOString()

};

store.add(entry);

transaction.oncomplete = () => db.close();

}

// Retrieve all entries from IndexedDB

async function getEntries() {

const db = await openDatabase();

const transaction = db.transaction("entries", "readonly");

const store = transaction.objectStore("entries");

return new Promise((resolve, reject) => {

const request = store.getAll();

request.onsuccess = () => resolve(request.result);

request.onerror = () => reject(request.error);

});

}

// Example usage

saveEntry("IndexedDB is a powerful storage option!");

getEntries().then(entries => console.log(entries));

// Convert file to Base64

function fileToBase64(file) {

return new Promise((resolve, reject) => {

const reader = new FileReader();

reader.onloadend = () => resolve(reader.result);

reader.onerror = reject;

reader.readAsDataURL(file);

});

}

// Save an entry with text, photo, and voice memo

async function saveEntry(content, photoFile, audioFile) {

const entries = JSON.parse(localStorage.getItem("journalEntries") || "[]");

const entry = {

id: entries.length + 1,

content: content,

timestamp: new Date().toISOString(),

photo: photoFile ? await fileToBase64(photoFile) : null,

voiceMemo: audioFile ? await fileToBase64(audioFile) : null

};

entries.push(entry);

localStorage.setItem("journalEntries", JSON.stringi