<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

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

<title>Course - CP301</title>

<link rel="stylesheet" href="professor-styles.css" />

<!-- <link rel="preconnect" href="https://fonts.googleapis.com">

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin> -->

<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600&display=swap" rel="stylesheet">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css" integrity="sha512-9usAa10IRO0HhonpyAIVpjrylPvoDwiPUiKdWk5t3PyolY1cOd4DSE0Ga+ri4AuTroPR5aQvXU9xC6qOPnzFeg==" crossorigin="anonymous" referrerpolicy="no-referrer" />

<style>

/\* General Upload Section Styles \*/

.upload-section {

margin: 20px 0;

padding: 20px;

border: 1px solid #ddd;

background: #ffffff;

border-radius: 8px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

text-align: left;

}

.upload-section h2 {

color: #333;

margin-top: 0;

margin-bottom: 20px;

}

/\* Drop Zone Styles \*/

/\* .drop-zone {

display: flex;

justify-content: center;

align-items: center;

border: 2px dashed #aaa;

margin: 10px auto;

cursor: pointer;

position: relative;

min-height: 120px;

width: 300px;

background: #fff;

overflow: hidden;

}

.drop-zone.hover {

border-color: #333;

}

.drop-zone img {

width: 100%;

height: 100%;

object-fit: cover;

} \*/

.drop-zone {

border: 2px dashed #ccc;

padding: 30px;

margin-bottom: 20px;

text-align: center;

cursor: pointer;

border-radius: 8px;

transition: border-color 0.2s;

}

.drop-zone:hover {

border-color: #007bff;

}

.drop-zone i {

font-size: 2.5rem;

margin-bottom: 15px;

color: #888;

}

.drop-zone p {

color: #666;

}

.image-count {

position: absolute;

top: 5px;

right: 5px;

background: red;

color: white;

padding: 2px 6px;

border-radius: 50%;

font-size: 14px;

font-weight: bold;

}

/\* Clear Button \*/

.clear-btn {

position: absolute;

top: 5px;

left: 5px;

background: transparent;

border: none;

font-size: 18px;

color: #555;

cursor: pointer;

}

/\* Button Styles \*/

.upload-btn {

border: none;

display: flex;

padding: 0.65rem 1rem;

background-color: #488aec;

color: #ffffff;

font-size: 0.75rem;

line-height: 1rem;

font-weight: 700;

text-align: center;

justify-content: center;

cursor: pointer;

text-transform: uppercase;

vertical-align: middle;

align-items: center;

border-radius: 0.5rem;

user-select: none;

gap: 0.75rem;

box-shadow:

0 4px 6px -1px #488aec31,

0 2px 4px -1px #488aec17;

transition: all 0.3s ease;

}

.view-extracted{

border: none;

display: flex;

padding: 0.65rem 1rem;

background-color: #69B262;

color: #ffffff;

font-size: 0.75rem;

line-height: 1rem;

font-weight: 700;

text-align: center;

justify-content: center;

cursor: pointer;

text-transform: uppercase;

vertical-align: middle;

align-items: center;

border-radius: 0.5rem;

user-select: none;

gap: 0.75rem;

box-shadow:

0 4px 6px -1px #488aec31,

0 2px 4px -1px #488aec17;

transition: all 0.3s ease;

}

.upload-btn:hover{

background-color: rgb(108, 108, 108);

}

/\* .view-extracted:disabled {

background-color: #ccc;

cursor: not-allowed;

} \*/

.button-container {

display: flex;

gap: 10px;

justify-content: center;

margin: 5px auto;

}

.file-input {

display: none;

}

/\* Table Styles for Student Answer Scripts \*/

#studentScriptsTable {

width: 100%;

border-collapse: collapse;

margin-top: 20px;

}

#studentScriptsTable th,

#studentScriptsTable td {

border: 1px solid #ccc;

padding: 10px;

text-align: center;

}

#studentScriptsTable th {

background: #f0f0f0;

}

/\* Modal Popup Styles \*/

.modal {

display: none;

position: fixed;

z-index: 1000;

left: 0;

top: 0;

width: 100%;

height: 100%;

overflow: auto;

background-color: rgba(0, 0, 0, 0.5);

}

.modal-content {

background-color: #fff;

margin: 5% auto;

padding: 20px;

width: 80%;

max-width: 800px;

position: relative;

display: flex;

flex-direction: column;

}

.close-button {

position: absolute;

top: 10px;

right: 20px;

font-size: 24px;

cursor: pointer;

}

.modal-body {

display: flex;

flex-direction: row;

margin-top: 40px;

}

.modal-image-container {

flex: 1;

position: relative;

display: flex;

align-items: center;

justify-content: center;

}

.modal-image-container img {

max-width: 100%;

max-height: 400px;

object-fit: contain;

}

.arrow-btn {

position: absolute;

top: 50%;

transform: translateY(-50%);

background: #1a73e8;

color: #fff;

border: none;

padding: 10px;

cursor: pointer;

opacity: 0.7;

}

#prevBtn {

left: 0;

}

#nextBtn {

right: 0;

}

.modal-text-container {

flex: 1;

padding: 20px;

overflow-y: auto;

text-align: left;

border-left: 1px solid #ccc;

}

/\* Responsive Styles for Mobile Devices \*/

@media only screen and (max-width: 768px) {

/\* Adjust header layout \*/

/\* .topbar {

flex-direction: column;

align-items: center;

text-align: center;

}

.topbar .left,

.topbar .search-bar,

.topbar .right {

width: 100%;

margin: 5px 0;

} \*/

.sidebar{

display:none;

}

/\* Adjust main content area \*/

.content {

width: 100%;

padding: 10px;

margin-left: 0;

}

/\* Make drop zones more flexible \*/

.drop-zone {

width: 90%;

margin: 30px auto;

min-height: 100px;

}

/\* Reduce padding in upload sections \*/

.upload-section {

margin: 10px 0;

padding: 10px;

}

/\* Stack buttons vertically \*/

.button-container {

flex-direction: column;

gap: 5px;

justify-content: center;

align-items: center;

margin-bottom:10px;

}

.upload-btn{

width:90%;

}

.view-extracted{

width:90%;

}

/\* Responsive table adjustments \*/

#studentScriptsTable {

font-size: 0.9em;

}

#studentScriptsTable th,

#studentScriptsTable td {

padding: 5px;

}

.upload-section table {

display: block;

overflow-x: auto;

white-space: nowrap;

}

/\* Modal width adjustment \*/

.modal-content {

width: 95%;

max-width: 95%;

}

}

.navigation li a {

display: block;

padding: 12px;

text-decoration: none;

color: #555;

transition: background-color 0.2s;

border-radius: 5px;

margin-bottom: 8px;

}

.navigation li a:hover,

.navigation li a.active {

background-color: #e9ecef;

color: #007bff;

}

.navigation li a i {

margin-right: 10px;

width: 20px;

text-align: center;

}

.sidebar .navigation { /\* Target the ul element directly \*/

list-style: none;

padding: 0;

flex-grow: 1; /\* Allow navigation to take up available space \*/

}

.navigation li .logout {

margin-top: auto; /\* Push logout to the bottom \*/

margin-bottom: 20px; /\* Add some margin at the bottom \*/

color: #dc3545;

padding: 12px; /\* Add padding for better touch area \*/

text-align: center; /\* Center the text \*/

border-top: 2px solid #eee; /\* Add a separator line \*/

}

</style>

</head>

<body>

<!-- Header -->

<header class="topbar">

<div class="left">

<button class="menu-btn">☰</button>

<img src="classroom-logo.png" alt=" " class="logo">

<h2>AutoGrade</h2>

</div>

<div class="search-bar">

<input type="text" placeholder="Search Courses">

</div>

<div class="right">

<button class="add-btn">+</button>

<button class="grid-btn">⏹</button>

<a href="profile.htm">

<img src="profile-pic.jpg" alt="Profile Picture" class="profile-pic">

</a>

</div>

</header>

<div class="dashboard-container">

<!-- Sidebar -->

<aside class="sidebar">

<ul class="navigation">

<li><a href="#" class = "active"><i class="fas fa-home"></i> Home</a></li>

<li><a href="#"><i class="fas fa-graduation-cap"></i> Teaching</a></li>

<li><a href="#"><i class="fas fa-user-graduate"></i> Enrolled</a></li>

<li><a href="#"><i class="fas fa-archive"></i> Archived</a></li>

<li><a href="#"><i class="fas fa-cog"></i> Settings</a></li>

<li><a href="#" class="logout"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</aside>

<!-- Main Content -->

<main class="content">

<!-- Section 1: Upload Questions Paper -->

<section class="upload-section" id="upload-questions">

<h2>Upload Question Paper</h2>

<div class="drop-zone" id="dropZoneQuestions">

<i class="fas fa-cloud-upload-alt"></i>

<p>Drag & drop file here or click to browse</p>

</div>

<input type="file" id="questionInput" accept="image/\*,application/pdf" multiple class="file-input">

<div class="button-container">

<button class="upload-btn" onclick="triggerFileInput('questionInput')">

<img src="add-file-icon.svg" width="18" height="18" alt="Add File">

ADD FILE

</button>

<button class="upload-btn" id="uploadBtnQuestions" onclick="uploadSection('Questions', 'questionInput', 'dropZoneQuestions')"><img src="modify-icon-2.svg" width="18" height="18" alt="Upload">Modify</button>

<button class="view-extracted" id="viewExtractedQuestions" onclick="openModal('Questions')" disabled>View Extracted Text</button>

</div>

</section>

<!-- Section 2: Upload Correct Solution Script -->

<section class="upload-section" id="upload-solution">

<h2>Upload Solution Script</h2>

<div class="drop-zone" id="dropZoneSolution">

<i class="fas fa-cloud-upload-alt"></i>

<p>Drag & drop file here or click to browse</p>

</div>

<input type="file" id="solutionInput" accept="image/\*,application/pdf" multiple class="file-input">

<div class="button-container">

<button class="upload-btn" onclick="triggerFileInput('solutionInput')">

<img src="add-file-icon.svg" width="18" height="18" alt="Add File">

ADD FILE

</button>

<button class="upload-btn" id="uploadBtnSolution" onclick="uploadSection('Solution', 'solutionInput', 'dropZoneSolution')"><img src="modify-icon-2.svg" width="18" height="18" alt="Upload">Modify</button>

<button class="view-extracted" id="viewExtractedSolution" onclick="openModal('Solution')" disabled>View Extracted Text</button>

</div>

</section>

<!-- Section 3: Upload Marking Scheme -->

<section class="upload-section" id="upload-marking">

<h2>Upload Marking Scheme</h2>

<div class="drop-zone" id="dropZoneMarking">

<i class="fas fa-cloud-upload-alt"></i>

<p>Drag & drop file here or click to browse</p>

</div>

<input type="file" id="markingInput" accept="image/\*,application/pdf" multiple class="file-input">

<div class="button-container">

<button class="upload-btn" onclick="triggerFileInput('markingInput')">

<img src="add-file-icon.svg" width="18" height="18" alt="Add File">

ADD FILE

</button>

<button class="upload-btn" id="uploadBtnMarking" onclick="uploadSection('Marking', 'markingInput', 'dropZoneMarking')"><img src="modify-icon-2.svg" width="18" height="18" alt="Upload">Modify</button>

<button class="view-extracted" id="viewExtractedMarking" onclick="openModal('Marking')" disabled>View Extracted Text</button>

</div>

</section>

<!-- Section 4: Student Answer Scripts (Table Format) -->

<section class="upload-section" id="upload-student">

<h2>Student Answer Scripts</h2>

<table id="studentScriptsTable">

<thead>

<tr>

<th>Name</th>

<th>Entry Number</th>

<th>Files Uploaded</th>

<th>File Types</th>

<th>Files</th>

</tr>

</thead>

<tbody>

<tr id="rowStudentA">

<td>Student A</td>

<td>A12345</td>

<td><span id="fileCountA">0</span></td>

<td><span id="fileTypesA">-</span></td>

<td>

<!-- <div class="drop-zone" id="dropZoneStudentA" style="margin-top:5px; border: 1px dashed #aaa; padding:5px; text-align:center;">

Drag & drop here

</div> -->

<input type="file" id="studentInputA" accept="image/\*,application/pdf" multiple class="file-input">

<div class="button-container">

<button class="upload-btn" onclick="triggerFileInput('studentInputA')">

<img src="add-file-icon.svg" width="18" height="18" alt="Add File">

ADD FILE

</button>

<button class="upload-btn" id="uploadBtnStudentA" onclick="uploadSection('StudentA', 'studentInputA', 'dropZoneStudentA')"><img src="modify-icon-2.svg" width="18" height="18" alt="Upload">Modify</button>

<button class="view-extracted" id="viewExtractedStudentA" onclick="openModal('StudentA')" disabled>View Extracted Text</button>

</div>

</td>

</tr>

<tr id="rowStudentB">

<td>Student B</td>

<td>B12345</td>

<td><span id="fileCountB">0</span></td>

<td><span id="fileTypesB">-</span></td>

<td>

<!-- <div class="drop-zone" id="dropZoneStudentB" style="margin-top:5px; border: 1px dashed #aaa; padding:5px; text-align:center;">

Drag & drop here

</div> -->

<input type="file" id="studentInputB" accept="image/\*,application/pdf" multiple class="file-input">

<div class="button-container">

<button class="upload-btn" onclick="triggerFileInput('studentInputB')">

<img src="add-file-icon.svg" width="18" height="18" alt="Add File">

ADD FILE

</button>

<button class="upload-btn" id="uploadBtnStudentB" onclick="uploadSection('StudentB', 'studentInputB', 'dropZoneStudentB')"><img src="modify-icon-2.svg" width="18" height="18" alt="Upload">Modify</button>

<button class="view-extracted" id="viewExtractedStudentB" onclick="openModal('StudentB')" disabled>View Extracted Text</button>

</div>

</td>

</tr>

</tbody>

</table>

</section>

<p id="response" style="margin-top: 60px;"></p>

</main>

</div>

<!-- Modal Popup for Viewing Extracted Text -->

<div id="extractedModal" class="modal">

<div class="modal-content">

<span class="close-button" id="modalCloseBtn">&times;</span>

<div class="modal-body">

<div class="modal-image-container">

<button class="arrow-btn" id="prevBtn">&#9664;</button>

<img id="modalImage" src="" alt="Image Preview">

<button class="arrow-btn" id="nextBtn">&#9654;</button>

</div>

<div class="modal-text-container">

<p id="modalText"></p>

</div>

</div>

</div>

</div>

<!-- Marked library for rendering extracted text as HTML -->

<script src="https://cdn.jsdelivr.net/npm/marked/marked.min.js"></script>

Here I want to accomplish multiple things

On pressing add files/drag drop into the regions (drag zones), files should get uploaded - and in the center of the drag zone add a smaller rectangle which would show preview of the files (images uploaded) - with a notch on the top right of it showing the number of files uploaded

for the third green button (which is currently as "view extracted text", i should have it initially as - "Extract Text" - which is only enable when i have uploaded some files - on clicking it, it should do

const response = await fetch("http://127.0.0.1:8001/upload", {

method: "POST",

body: formData

});

which is for extracting text for each of the uploaded images

(backend function called:

@app.post("/upload")

async def upload\_images(files: List[UploadFile] = File(...)):

results = []

try:

print("Backend Called")

for file in files:

# Read image file

image\_bytes = await file.read()

image = Image.open(io.BytesIO(image\_bytes))

# Convert image to Gemini format and extract text

response = model.generate\_content([image, "The images may contain text portions linked by complex arrows, creating a loosely structured flow between different text elements. Extract the text accurately along with its connections."])

results.append({"filename": file.filename, "text": response.text})

return {"results": results}

except Exception as e:

return {"error": str(e)}

)

till the text is extracted [backend function call ends], the button should become "Extracting..." and get disabled

After the text is extracted - it should show "Show Extracted Text" (and clicking enabled)

On clicking this "Show Extracted Text" Button

It should open a popup, with the left side showing one image, and the right side showing the corresponding extracted text.

With the option to switch to the next image, and the text is updated as per the new image

Also when I click modify [and the pop up for showing the images uploaded list opens up], for each of the images in the list, I should have

1) Option for deleting that particular image - a button with cross

2) Option for Extracting Text for that particular image - button with "Extract Text" [Disabled when Extract Text is pressed and till backend fetch is complete - then it changes to "Re-Extract Text"]

3) A disabled button for "Show Extracted Text" - Enabled on pressing "Extract Text" [Disabled when presses - "Re-Extract Text"] - Pressing it changes the pop up to the other type of the pop up - where the left side shows that particular image, and the right side shows the corresponding extracted text

Whenever I add more files by "Add files" option (and my third option is "Show Extracted Text") since more images have been uploaded, the "Show Extracted Text" should turn back to "Extract Text".

Do these to the best of your knowledge and the design with the best visual appeal

Also, you may change function names where required (like in onclick)