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**Pharmacy Web System**

**Project Manual**

Evgenii Salnikov, Artemiy Maslov,

*Nebojsa Kukic, Abdullah Jobbeh*

*and Val Lynam*

SETU

2024

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# 

# User Interface

Menu, File Maintenance Menu and Stock Item pages, that were initially produced by Evgenii Salnikov became the base for all other page’s UI and UX, which were postfactum discussed with other team members.

## Add Screens (Evgenii Salnikov)

The body of the add page has a background color of dark gray (#727272) and utilizes the "JetBrains Mono" font throughout. A fixed header is in the top portion of the webpage, extending the full width and 150px height and featuring a linear gradient background that transitions from dark gray to a deep green (#009245) closer to the bottom edge of the header.

Within the header, there is an absolutely positioned white logo with a transparent background in the top left corner, which enlarges slightly upon hover, which is dictated by the transform scale properties set to 1.05 for hover and 1 for the normal state. Correspondingly, a white logout icon with a transparent background is at the top right corner, designed to grow in size upon hover in a similar fashion.

The menu button, indicated by the .menu class, is a large text element styled with a white color, 64px font size, and an 800 font-weight, which also enlarges upon hover. Also, a menu button implies interactivity, positioned to the left within the header area.

Moving to the form, it is centrally aligned and positioned relative to the top by 200px, so it is placed just below the fixed header. The input fields for text and numbers are styled with a green background, white text, and a solid white rounded by 8px border, supporting a wide design of 800px, transitioning to gray upon receiving valid input. A select dropdown mirrors the input styling but with slightly altered dimensions to maintain visual consistency. Labels for the form fields are pronounced, featuring a 36px font size and a 600 font-weight, offering clear delineation for users.

Submission (ADD) and reset (CLEAR) buttons have a clear and green backgrounds respectively, white text, and white rounded border aesthetic with the input fields and grow in font size upon hover, coupled with a reduced opacity for subtle user engagement. They are located at the very bottom of the page, just below the last form field.

## 

## Delete Screens(Artemiy Maslov)

This screen has all the major features from the previous one (Add Screen) as they all follow the same template. I will just add general information to be more concise.

This webpage facilitates the deletion of doctor records from a database. At the top, there's a header with a height of 150 pixels. It features a gradient background transitioning from a dark gray shade to a vibrant green hue. Positioned on the top-left corner is the platform's logo, sized at 110 pixels by 110 pixels, serving as a visual anchor for brand recognition. Adjacent to it, a menu button, 170 pixels by 80 pixels in size, awaits user interaction.

Directly beneath the header, a form occupies the central portion of the page. It spans 70% of the page's width and has a fixed height of 600 pixels. Within this form, users are guided through inputting various doctor-related information. Input fields, such as surname, first name, addresses, and contact details, are provided with ample space for user input. Text inputs have a width of 800 pixels, while select inputs stretch slightly wider, to 825 pixels.

Below the input fields, a "DELETE" button awaits user action. This button, measuring 175 pixels by 75 pixels, is styled with a white border against a green background, providing a clear visual cue for its purpose.

The design elements of the page feature the "JetBrains Mono" font for readability and a smooth appearance. The color scheme mostly comprises shades of gray, green, and white, creating a visually appealing environment.

## Amend/View Screens (Nebojsa Kukic)

The Amend/View screens are located in the File Maintenance webpage under each one of our sub-sections of CUSTOMER, DOCTOR, DRUG, SUPPLIER, STOCK ITEM. The screens have all the major features of the previous add and delete screens and a similar template, as to keep the look consistent through-out the website. Here is the general information of the Amend/View tables.

Through-out the screens we kept the same consistency with the same font of JetBrains Mono and the same colour of #727272(grey). When we start of at the top of the page we can see Nav bar has linear gradient from grey rgba(114,114,114,1) to green rgba(0,146,69,1) to the rest of the page. At the top-left we have a home logo signifying our pharmaceutical brand with the symbol of snake with a size of 110px x 110px in white.

To the right of the home logo, we have the MENU button with a size of 64px, a weight of 600 in white. The header of the page is in white with a font-size of 64px. To the top-right of the page in the Nav Bar we have a Logout medical symbol with a size of 160px x 160px in white.

Directly below the Nav Bar we have a form that is located centrally on the webpage. At the bottom of the input fields there is one button, a “View” and an “Amend” button with a size of 175px x 75px, it changes the colour from a background of grey with text showing “View” to a green background with text showing “Amend” when pressed. The form spans 70 percent of the webpage with a height of 600px with the colour of white. Here we have the text telling us to select an item in white and a list box with a background of green rgba(0,146,69,1). When an item is selected all the input fields are spewed out. There is a submit button with a sizing of 175px x 75px to the right of the bottom of the input fields. The colour scheme is unique along with the styling of the screens, with the use of 3 colour of grey, white and green and a non-complicated layout. This makes the working environment easily readable and enjoyable to work in.

## Report Screens (Abdullah Jobbeh)

The "REPORTS MENU" features a sophisticated design with a dark gray (#727272) background color, employing the "JetBrains Mono" font throughout. The interface includes a fixed header at the top, stretching full width with a height of 150px. The header is visually appealing, showcasing a linear gradient background transitioning from a shade of gray to a shade of green.

Positioned at the top left corner of the header is the logo, set at 110px by 110px. It is absolutely positioned and designed to enlarge upon hovering, thanks to the transform scale property set at 1.05 for hover and 1 for the normal state. Adjacent to the logo is the menu button, which also enlarges slightly on hover and provides a direct link to the main menu. Both elements share similar interactive behaviors.

The page name is displayed with relative positioning, enhancing the structured layout. Additionally, a logout logo icon is strategically placed at the top right corner of the page, mirroring the functionality and interactivity of the other logos.

Further down the page, there are four prominently displayed buttons with a white color scheme and a font size of 48px. These buttons, each leading to a different report page, are:

1. DRUGS REPORT
2. PRESCRIPTIONS REPORT
3. ORDERS REPORT
4. CUSTOMER/PRESCRIPTION REPORT

Each button is fixed in position, measuring 240px in width and 64px in height. The last button, "CUSTOMER/PRESCRIPTION REPORT," directs users to a page that retains the header’s design elements from the "REPORTS MENU." On this page, users can select a customer, search credentials, and view details in a table format accompanied by a button to clear customer details.

Throughout the page, the "JetBrains Mono" font is consistently used, providing clear readability. Different background colors and font sizes are employed to enhance visibility and ensure an aesthetically pleasing and functional user experience.

## Menus (Val Lynam)

# System Layout

A screenshot of a computer screen

Description automatically generated

Database Tables

## Counter Sale Table (Abdullah) A screenshot of a computer Description automatically generated

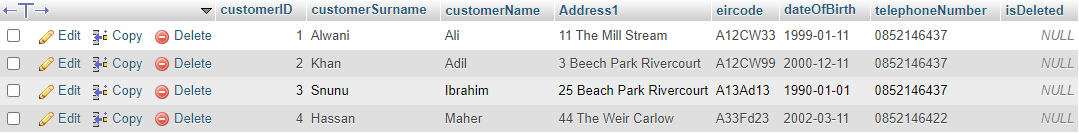
A screenshot of a computer

Description automatically generated

## Customer Table (Abdullah)

A screenshot of a computer

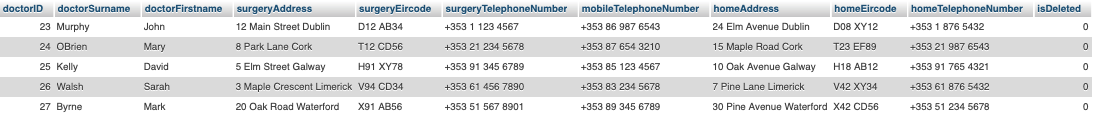
Description automatically generated



## Doctor Table (Artemiy)

A screenshot of a computer

Description automatically generated



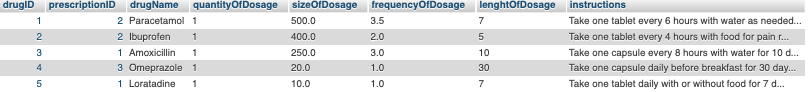
## Drug Table (Nebojsa)

## A screenshot of a computer Description automatically generatedA screenshot of a computer Description automatically generated

## Drug to Prescription Table (Artemiy)

A screenshot of a computer

Description automatically generated



## Invoice Table (Abdullah)

## A screenshot of a computer Description automatically generated

A screenshot of a computer

Description automatically generated

## Order Table (Val)

## Order to Drug Table (Nebojsa) A screenshot of a computer Description automatically generated

A close up of a screen

Description automatically generated

Payments Table (Nebojsa) A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

Prescription Table (Val)

## Stock Table (Evgenii)

## A screenshot of a computer Description automatically generatedA group of people on a white background Description automatically generated

## Stock to Counter Sale Table (Evgenii)

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

## Supplier Table (Val)

# Group Work

### File Maintenance Menu:

Evgenii Salnikov coded the File Maintenance Menu and Menu and showed them to other team members. Artemiy Maslov helped design the UI for these pages.

A screen shot of a computer

Description automatically generated

#### fileMaintenanceMenu.html:

<!--

File Maintenance Menu

Menu for the file maintenance

C00290930 Evgenii Salnikov 04.2024

-->

<!DOCTYPE html>

<html lang="en">

<head>

<!-- Link to external css -->

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

<title>File Maintenance Menu</title>

</head>

<body>

<!-- Static header of the page -->

<div class="header">

<!-- Logo in the top left corner -->

<div class="logo">

<a href="../menu.html"><img src="../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

</div>

<!-- Menu button that displays the menu links -->

<div class="menu\_button" id="menu\_button">

<p class="menu">MENU</p>

</div>

<!-- Name of the current page -->

<div class="page\_name">

<p class="page">FILE MAINTENANCE MENU</p>

</div>

<!-- Links to other pages that show up with the click on Menu button -->

<div class="links" id="links">

<div class="link" style="top: 5px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

</div>

<div class="link" style="top: 50px; left: 0;">

<a href="../DispenseDrugs/dispenseDrugs.php" style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

</div>

<div class="link" style="top: 0; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

</div>

<div class="link" style="top: 50px; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

</div>

<div class="link" style="top: 0; left: 820px">

<a href="fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

</div>

<div class="link" style="top: 50px; left: 820px">

<a style="margin: 0; color: white; font-size: 30px;" href="../ReportsMenu/reportsMenu.html">REPORTS MENU</a>

</div>

</div>

<!-- Logout logo and button -->

<div class="logout">

<a href="../logIn.html"><img src="../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

</div>

</div>

<!-- Customer section -->

<div class="customer\_button" id="customer\_button" style="top: 200px;">

<p class="customer">CUSTOMER</p>

</div>

<div class="customer\_actions" id="customer\_actions" style="top: 205px;">

<div class="action" style="left: 10px">

<a class="action\_text" href="Customer/AddCustomer/addCustomer.html">ADD</a>

</div>

<div class="action" style="left: 170px">

<a class="action\_text">VIEW/AMEND</a>

</div>

<div class="action" style="left: 480px">

<a class="action\_text">DELETE</a>

</div>

</div>

<!-- Doctor section -->

<div class="doctor\_button" id="doctor\_button" style="top: 350px;">

<p class="doctor">DOCTOR</p>

</div>

<div class="doctor\_actions" id="doctor\_actions" style="top: 355px;">

<div class="action" style="left: 10px">

<a class="action\_text" href="Doctor/AddDoctor/addDoctor.php">ADD</a>

</div>

<div class="action" style="left: 170px">

<a class="action\_text" href="Doctor/AmendViewDoctor/amendViewDoctor.php">VIEW/AMEND</a>

</div>

<div class="action" style="left: 480px">

<a class="action\_text" href="Doctor/DeleteDoctor/deleteDoctor.php">DELETE</a>

</div>

</div>

<!-- Drug section -->

<div class="drug\_button" id="drug\_button" style="top: 500px;">

<p class="drug">DRUG</p>

</div>

<div class="drug\_actions" id="drug\_actions" style="top: 505px;">

<div class="action" style="left: 10px">

<a class="action\_text">ADD</a>

</div>

<div class="action" style="left: 170px">

<a class="action\_text">VIEW/AMEND</a>

</div>

<div class="action" style="left: 480px">

<a class="action\_text">DELETE</a>

</div>

</div>

<!-- Supplier section -->

<div class="supplier\_button" id="supplier\_button" style="top: 650px;">

<p class="supplier">SUPPLIER</p>

</div>

<div class="supplier\_actions" id="supplier\_actions" style="top: 655px;">

<div class="action" style="left: 10px">

<a class="action\_text">ADD</a>

</div>

<div class="action" style="left: 170px">

<a class="action\_text">VIEW/AMEND</a>

</div>

<div class="action" style="left: 480px">

<a class="action\_text">DELETE</a>

</div>

</div>

<!-- Stock item section -->

<div class="stock\_button" id="stock\_button" style="top: 800px; width: 300px;">

<p class="stock">STOCK ITEM</p>

</div>

<div class="stock\_actions" id="stock\_actions" style="top: 805px;">

<div class="action" style="left: 10px">

<a class="action\_text" href="StockItem/AddStockItem/addStockItem.php">ADD</a>

</div>

<div class="action" style="left: 170px">

<a class="action\_text" href="StockItem/AmendViewStockItem/amendViewStockItem.php">VIEW/AMEND</a>

</div>

<div class="action" style="left: 480px">

<a class="action\_text" href="StockItem/DeleteStockItem/deleteStockItem.php">DELETE</a>

</div>

</div>

<!-- Link to external JS -->

<script src="fileMaintenanceMenu.js"></script>

</body>

</html>

#### fileMaintenanceMenu.css:

/\*

File Maintenance Menu

CSS for the fileMaintenanceMenu.html page

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\*/

/\* Style of the body \*/

body {

font-family: "JetBrains Mono";

background-color: #727272;

padding: 0;

margin: 0;

}

/\* Style of the link class \*/

.link {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Style of the header \*/

.header {

padding: 0;

margin: 0;

position: fixed;

width: 100%;

height: 150px;

background: rgb(114,114,114);

background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);

}

/\* Style for the logo \*/

.logo {

user-select: none;

position: absolute;

top: 5px;

left: 10px;

}

/\* Style for logo hovered \*/

.logo:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style for logo not hovered \*/

.logo:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Style for logout image/button \*/

.logout {

user-select: none;

position: absolute;

top: -10px;

right: 0;

}

/\* Style for logout image/button hovered \*/

.logout:hover {

transform: scale(1.1);

transition-duration: .5s;

}

/\* Style for logout image/button not hovered \*/

.logout:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the links class \*/

.links {

display: none;

position: absolute;

width: 1200px;

height: 90px;

left: 420px;

top: 15px;

}

/\* Style of the menu class \*/

.menu {

user-select: none;

position: fixed;

margin: 0;

color: white;

font-size: 64px;

font-weight: 800;

}

/\* Style of the menu class hovered \*/

.menu:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style of the menu class not hovered \*/

.menu:not(:hover){

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the menu\_button class \*/

.menu\_button {

position: absolute;

width: 170px;

height: 80px;

left: 170px;

top: 18px;

transition-duration: .5s;

}

/\* Style of the a tag \*/

a {

user-select: none;

text-decoration: none;

transition-duration: .1s;

}

/\* Style of the a tag hovered \*/

a:hover {

font-weight: 800;

transition-duration: .1s;

}

/\* Style of the page class \*/

.page {

user-select: none;

color: white;

font-size: 64px;

font-weight: 600;

margin: 0;

}

/\* Style of the page\_name class \*/

.page\_name {

position: relative;

top: 18px;

left: 650px;

}

/\* Style of the action class \*/

.action {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Style of the action\_text class \*/

.action\_text {

user-select: none;

margin: 0;

color: white;

font-size: 40px;

font-weight: 600;

}

/\* Style of the customer\_button, doctor\_button, drug\_button, supplier\_button, stock\_button classes \*/

.customer\_button, .doctor\_button, .drug\_button, .supplier\_button, .stock\_button {

position: fixed;

margin: 0;

padding: 0;

left: 200px;

width: 240px;

height: 64px;

transition-duration: .5s;

}

/\* Style of the customer\_actions, doctor\_actions, drug\_actions, supplier\_actions, stock\_actions classes \*/

.customer\_actions, .doctor\_actions, .drug\_actions, .supplier\_actions, .stock\_actions {

display: none;

position: absolute;

height: 64px;

width: 650px;

left: 570px;

}

/\* Style of the drug, stock, doctor, supplier, customer classes \*/

.drug, .stock, .doctor, .supplier, .customer {

user-select: none;

position: fixed;

margin: 0;

color: white;

font-size: 48px;

font-weight: 700;

}

/\* Style of the drug, stock, doctor, supplier, customer classes hovered \*/

.drug:hover, .stock:hover, .doctor:hover, .supplier:hover, .customer:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style of the drug, stock, doctor, supplier, customer classes not hovered \*/

.drug:not(:hover), .stock:not(:hover), .doctor:not(:hover), .supplier:not(:hover), .customer:not(:hover){

transform: scale(1);

transition-duration: .5s;

}

#### fileMaintenanceMenu.js:

/\*

File Maintenance Menu

JS for the fileMaintenanceMenu.html page

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\*/

// buttons and actions variables

var customer\_button = document.querySelector('.customer\_button');

var customer\_actions = document.querySelector('.customer\_actions');

var doctor\_button = document.querySelector('.doctor\_button');

var doctor\_actions = document.querySelector('.doctor\_actions');

var drug\_button = document.querySelector('.drug\_button');

var drug\_actions = document.querySelector('.drug\_actions');

var supplier\_button = document.querySelector('.supplier\_button');

var supplier\_actions = document.querySelector('.supplier\_actions');

var stock\_button = document.querySelector('.stock\_button');

var stock\_actions = document.querySelector('.stock\_actions');

/\* Function for the MENU button behaviour \*/

document.getElementById('menu\_button').addEventListener('click', function() {

var links = document.querySelector('.links');

var menu\_button = document.querySelector('.menu\_button');

var page\_name = document.querySelector('.page\_name');

if (links.style.display === 'none' || links.style.display === '') {

links.style.display = 'block'; // Show the links

menu\_button.style.transform = 'scale(1.2)'; // Make the MENU larger

page\_name.style.display = 'none';

} else {

links.style.display = 'none'; // Hide the links

menu\_button.style.transform = 'scale(1.05)'; // Make the MENU smaller

page\_name.style.display = 'block';

}

});

/\* Function to hide other actions when customer is selected \*/

document.getElementById('customer\_button').addEventListener('click', function() {

if (customer\_actions.style.display === 'none' || customer\_actions.style.display === '') {

customer\_actions.style.display = 'block';

customer\_button.style.transform = 'scale(1.12)';

doctor\_actions.style.display = 'none';

doctor\_button.style.transform = 'scale(1)';

drug\_actions.style.display = 'none';

drug\_button.style.transform = 'scale(1)';

supplier\_actions.style.display = 'none';

supplier\_button.style.transform = 'scale(1)';

stock\_actions.style.display = 'none';

stock\_button.style.transform = 'scale(1)';

} else {

customer\_actions.style.display = 'none';

customer\_button.style.transform = 'scale(1.05)';

}

});

/\* Function to hide other actions when doctor is selected \*/

document.getElementById('doctor\_button').addEventListener('click', function() {

if (doctor\_actions.style.display === 'none' || doctor\_actions.style.display === '') {

doctor\_actions.style.display = 'block';

doctor\_button.style.transform = 'scale(1.12)';

customer\_actions.style.display = 'none';

customer\_button.style.transform = 'scale(1)';

drug\_actions.style.display = 'none';

drug\_button.style.transform = 'scale(1)';

supplier\_actions.style.display = 'none';

supplier\_button.style.transform = 'scale(1)';

stock\_actions.style.display = 'none';

stock\_button.style.transform = 'scale(1)';

} else {

doctor\_actions.style.display = 'none';

doctor\_button.style.transform = 'scale(1.05)';

}

});

/\* Function to hide other actions when drug is selected \*/

document.getElementById('drug\_button').addEventListener('click', function() {

if (drug\_actions.style.display === 'none' || drug\_actions.style.display === '') {

drug\_actions.style.display = 'block';

drug\_button.style.transform = 'scale(1.12)';

customer\_actions.style.display = 'none';

customer\_button.style.transform = 'scale(1)';

supplier\_actions.style.display = 'none';

supplier\_button.style.transform = 'scale(1)';

stock\_actions.style.display = 'none';

stock\_button.style.transform = 'scale(1)';

doctor\_actions.style.display = 'none';

doctor\_button.style.transform = 'scale(1)';

} else {

drug\_actions.style.display = 'none';

drug\_button.style.transform = 'scale(1.05)';

}

});

/\* Function to hide other actions when supplier is selected \*/

document.getElementById('supplier\_button').addEventListener('click', function() {

if (supplier\_actions.style.display === 'none' || supplier\_actions.style.display === '') {

supplier\_actions.style.display = 'block';

supplier\_button.style.transform = 'scale(1.12)';

customer\_actions.style.display = 'none';

customer\_button.style.transform = 'scale(1)';

drug\_actions.style.display = 'none';

drug\_button.style.transform = 'scale(1)';

stock\_actions.style.display = 'none';

stock\_button.style.transform = 'scale(1)';

doctor\_actions.style.display = 'none';

doctor\_button.style.transform = 'scale(1)';

} else {

supplier\_actions.style.display = 'none';

supplier\_button.style.transform = 'scale(1.05)';

}

});

/\* Function to hide other actions when stock is selected \*/

document.getElementById('stock\_button').addEventListener('click', function() {

if (stock\_actions.style.display === 'none' || stock\_actions.style.display === '') {

stock\_actions.style.display = 'block';

stock\_button.style.transform = 'scale(1.12)';

customer\_actions.style.display = 'none';

customer\_button.style.transform = 'scale(1)';

drug\_actions.style.display = 'none';

drug\_button.style.transform = 'scale(1)';

supplier\_actions.style.display = 'none';

supplier\_button.style.transform = 'scale(1)';

doctor\_actions.style.display = 'none';

doctor\_button.style.transform = 'scale(1)';

} else {

stock\_actions.style.display = 'none';

stock\_button.style.transform = 'scale(1.05)';

}

});

### Menu:

Menu page was the first page of the project made by Evgenii Salnikov. There were 2 UI color schemes and Artemiy Maslov helped pick the green and gray one, which became the final version.

CSS for the menu page became a base for all other page’s CSS, because all the pages inherit menu page’s elements like header and body.

All images used (logo and logout) were crafted by Evgenii Salnikov with AI tools. All of the UX was produced also by Evgenii Salnikov.

#### menu.html:

<!--

Menu

Menu Starter Page

C00290930 Evgenii Salnikov 04.2024

-->

<!DOCTYPE html>

<html lang="en">

<head>

<!-- Link to external css -->

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

<title>Menu</title>

</head>

<body>

<!-- Static header of the page -->

<div class="header">

<!-- Logo in the top left corner -->

<div class="logo">

<a href="menu.html"><img src="Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

</div>

<!-- Menu button that displays the menu links -->

<div class="menu\_button" id="menu\_button">

<p class="menu">MENU</p>

</div>

<!-- Links to other pages that show up with the click on Menu button -->

<div class="links" id="links">

<div class="link" style="top: 5px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

</div>

<div class="link" style="top: 50px; left: 0;">

<a href="DispenseDrugs/dispenseDrugs.php" style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

</div>

<div class="link" style="top: 0; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

</div>

<div class="link" style="top: 50px; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

</div>

<div class="link" style="top: 0; left: 820px">

<a href="FileMaintenanceMenu/fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

</div>

<div class="link" style="top: 50px; left: 820px">

<a style="margin: 0; color: white; font-size: 30px;">REPORTS MENU</a>

</div>

</div>

<!-- Logout logo and button -->

<div class="logout">

<a href="logIn.html"><img src="Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

</div>

</div>

<!-- Link to external JS -->

<script src="menu.js"></script>

</body>

</html>

#### menu.css:

/\*

Menu

CSS for the menu.html page

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\*/

/\* Style of the body \*/

body {

font-family: "JetBrains Mono";

background-color: #727272;

padding: 0;

margin: 0;

}

/\* Style of the link class \*/

.link {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Style of the header \*/

.header {

padding: 0;

margin: 0;

position: fixed;

width: 100%;

height: 150px;

background: rgb(114,114,114);

background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);

}

/\* Style for the logo \*/

.logo {

user-select: none;

position: absolute;

top: 5px;

left: 10px;

}

/\* Style for logo hovered \*/

.logo:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style for logo not hovered \*/

.logo:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Style for logout image/button \*/

.logout {

user-select: none;

position: absolute;

top: -10px;

right: 0;

}

/\* Style for logout image/button hovered \*/

.logout:hover {

transform: scale(1.1);

transition-duration: .5s;

}

/\* Style for logout image/button not hovered \*/

.logout:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the links class \*/

.links {

display: none;

position: absolute;

width: 1200px;

height: 90px;

left: 420px;

top: 15px;

}

/\* Style of the menu class \*/

.menu {

user-select: none;

position: fixed;

margin: 0;

color: white;

font-size: 64px;

font-weight: 800;

}

/\* Style of the menu class hovered \*/

.menu:hover {

/\* box-shadow: 5px 5px 7px 1px rgba(255, 255, 255, 0.85); \*/

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style of the menu class not hovered \*/

.menu:not(:hover){

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the menu\_button class \*/

.menu\_button {

position: absolute;

width: 170px;

height: 80px;

left: 170px;

top: 18px;

transition-duration: .5s;

/\* border: 5px white solid;

border-radius: 20px; \*/

}

/\* Style of the menu\_button class hovered \*/

.menu\_button:hover {

color: #c8c8c8;

}

/\* Style of the a tag \*/

a {

user-select: none;

text-decoration: none;

transition-duration: .1s;

}

/\* Style of the a tag hovered \*/

a:hover {

font-weight: 800;

transition-duration: .1s;

}

#### menu.js:

/\*

Menu

JS for the menu.html page

C00290930 Evgenii Salnikov 04.2024

\*/

/\* Function for the MENU button behaviour \*/

document.getElementById('menu\_button').addEventListener('click', function() {

var links = document.querySelector('.links');

var menu\_button = document.querySelector('.menu\_button');

if (links.style.display === 'none' || links.style.display === '') {

links.style.display = 'block'; // Show the links

menu\_button.style.transform = 'scale(1.2)'; // Make the MENU larger

} else {

links.style.display = 'none'; // Hide the links

menu\_button.style.transform = 'scale(1.05)'; // Make the MENU smaller

}

});

# Individual Work

## Evgenii Salnikov’s Work

### Add Stock Item

A screenshot of a computer

Description automatically generated

#### *addStockItem.php:*

<!--

Add Stock Item

Adding a new stock item

C00290930 Evgenii Salnikov 04.2024

-->

<?php

session\_start(); // Start the session

include '../../../db.inc.php'; // Include the database connection file

// Check if the reset action is requested

if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {

unset($\_SESSION['form\_submitted']); // Unset the form\_submitted session variable

// Redirect to the same page without the query parameter to avoid accidental resets on refresh

header('Location: addStockItem.php');

exit; // Terminate script execution

}

$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : ''; // Initialize message variable with session message or empty string

if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {

// Fetch the highest current StockID

$sql = "SELECT MAX(StockID) AS MaxStockID FROM Stock";

$result = mysqli\_query($con, $sql); // Execute the query

$row = mysqli\_fetch\_assoc($result); // Fetch the result row

$maxStockID = $row['MaxStockID']; // Get the highest StockID

// Increment the StockID by 1 for the new record

$newStockID = $maxStockID + 1;

// Retrieve form values

$supplierID = $\_POST['supplierName'];

$description = $\_POST['description'];

$costPrice = $\_POST['costPrice'];

$retailPrice = $\_POST['retailPrice'];

$reorderLevel = $\_POST['reorderLevel'];

$reorderQuantity = $\_POST['reorderQuantity'];

$supplierStockCode = $\_POST['supplierStockCode'];

// Prepare the INSERT SQL statement

$sql = "INSERT INTO Stock (StockID, description, costPrice, retailPrice, reorderLevel, reorderQuantity, supplierID, supplierStockCode, quantityInStock) VALUES ('$newStockID', '$description', '$costPrice', '$retailPrice', '$reorderLevel', '$reorderQuantity', '$supplierID', '$supplierStockCode', 0)";

// Execute the INSERT query

if (mysqli\_query($con, $sql)) {

$message = "A NEW STOCK ITEM HAS BEEN ADDED. ID: $newStockID"; // Success message

} else {

$message = "An Error in the SQL Query: " . mysqli\_error($con); // Error message

}

$stockID = mysqli\_insert\_id($con); // Get the last inserted ID

$\_SESSION['form\_submitted'] = true; // Set a session variable to indicate form submission

} elseif (isset($\_SESSION['form\_submitted'])) {

$message = "YOU HAVE ALREADY SUBMITTED THE FORM"; // Message to show if the form was already submitted

}

// Clear the form submission flag when displaying the form again

if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {

unset($\_SESSION['form\_submitted']);

$message = ''; // Reset the message

}

mysqli\_close($con); // Close the database connection

?>

<!DOCTYPE html>

<html lang="en">

<head>

<!-- Link to external css -->

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

<title>Add Stock Item</title>

</head>

<body>

<!-- Static header of the page -->

<div class="header">

<!-- Logo in the top left corner -->

<div class="logo">

<a href="../../../menu.html"><img src="../../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

</div>

<!-- Menu button that displays the menu links -->

<div class="menu\_button" id="menu\_button">

<p class="menu">MENU</p>

</div>

<!-- Name of the current page -->

<div class="page\_name">

<p class="page">ADD STOCK ITEM</p>

</div>

<!-- Links to other pages that show up with the click on Menu button -->

<div class="links" id="links">

<div class="link" style="top: 5px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

</div>

<div class="link" style="top: 50px; left: 0;">

<a href="../../../DispenseDrugs/dispenseDrugs.php" style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

</div>

<div class="link" style="top: 0; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

</div>

<div class="link" style="top: 50px; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

</div>

<div class="link" style="top: 0; left: 820px">

<a href="../../fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

</div>

<div class="link" style="top: 50px; left: 820px">

<a style="margin: 0; color: white; font-size: 30px;">REPORTS MENU</a>

</div>

</div>

<!-- Logout logo and button -->

<div class="logout">

<a href="../../../logIn.html"><img src="../../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

</div>

</div>

<!-- The form, that calls validateForm() function when submitted -->

<form method="post" onsubmit="return validateForm()">

<!-- Form field for description -->

<div class="form\_line">

<label for="description">DESCRIPTION</label>

<input type="text" id="description" name="description" pattern="[0-9A-Za-z., ]+" required>

</div>

<!-- Form field for cost price -->

<div class="form\_line">

<label for="costPrice">COST PRICE</label>

<input type="number" id="costPrice" name="costPrice" min="0.01" step=".01" required>

</div>

<!-- Form field for retail price -->

<div class="form\_line">

<label for="retailPrice">RETAIL PRICE</label>

<input type="number" id="retailPrice" name="retailPrice" min="0.01" step=".01" required>

</div>

<!-- Form field for reorder level -->

<div class="form\_line">

<label for="reorderLevel">REORDER LEVEL</label>

<input type="number" id="reorderLevel" name="reorderLevel" min="0" required>

</div>

<!-- Form field for reorder quantity -->

<div class="form\_line">

<label for="reorderQuantity">REORDER QUANTITY</label>

<input type="number" id="reorderQuantity" name="reorderQuantity" min="1" required>

</div>

<!-- Form field for the supplier name -->

<div class="form\_line">

<label for="supplierName">SUPPLIER NAME</label>

<select name="supplierName" id="supplierName" required>

<option value="">Select a supplier</option>

<?php

include '../../../db.inc.php';

// Preparing the sql statement

$sql = "SELECT supplierID, supplierName FROM supplier ORDER BY supplierName ASC";

if (!empty($con)) {

// Execute the query

$result = mysqli\_query($con, $sql);

}

if ($result) {

while ($row = mysqli\_fetch\_assoc($result)) {

// Populate the select tag with fetched data

echo '<option value="'.$row['supplierID'].'">'.$row['supplierName'].'</option>';

}

} else {

// In case of an error, display the error message

echo '<option value="">Failed to load suppliers</option>';

}

mysqli\_close($con);

?>

</select>

</div>

<!-- Supplier stock code input field -->

<div class="form\_line">

<label for="supplierStockCode">SUPPLIER STOCK CODE</label>

<input type="text" id="supplierStockCode" name="supplierStockCode" pattern="[0-9A-Za-z]+" required>

</div>

<!-- CLEAR and ADD buttons -->

<div class="form\_line">

<input type="reset" value="CLEAR" name="reset"/>

<input type="submit" value="ADD" name="submit"/>

</div>

<!-- Appearing OK button to reload the page without sending the form -->

<div class="form\_line">

<div class="added" id="added">

<br><br><br>

<label><?php if (!empty($message)) : ?>

<p><?php echo $message; ?></p>

<!-- OK button to reset the message -->

<div class="okButton"><a href="addStockItem.php?action=resetMessage" class="okText">OK</a></div>

<?php endif; ?>

</label>

</div>

</div>

</form>

<!-- Link to external JavaScript file -->

<script src="addStockItem.js"></script>

</body>

</html>

#### addStockItem.css:

/\*

Add Stock Item

CSS for the addStockItem.php page

C00290930 Evgenii Salnikov 04.2024

\*/

/\* Style of the body \*/

body {

font-family: "JetBrains Mono";

background-color: #727272;

padding: 0;

margin: 0;

}

/\* Style of the link class \*/

.link {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Style of the header \*/

.header {

z-index: 1;

padding: 0;

margin: 0;

position: fixed;

width: 100%;

height: 150px;

background: rgb(114,114,114);

background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);

}

/\* Style for the logo \*/

.logo {

user-select: none;

position: absolute;

top: 5px;

left: 10px;

}

/\* Style for logo hovered \*/

.logo:hover {

transform: scale(1.05);

transition-duration: .1s;

}

/\* Style for logo not hovered \*/

.logo:not(:hover) {

transform: scale(1);

transition-duration: .9s;

}

/\* Style for logout image/button \*/

.logout {

user-select: none;

position: absolute;

top: -10px;

right: 0;

}

/\* Style for logout image/button hovered \*/

.logout:hover {

transform: scale(1.1);

transition-duration: .1s;

}

/\* Style for logout image/button not hovered \*/

.logout:not(:hover) {

transform: scale(1);

transition-duration: .9s;

}

/\* Style of the links class \*/

.links {

display: none;

position: absolute;

width: 1200px;

height: 90px;

left: 420px;

top: 15px;

}

/\* Style of the menu class \*/

.menu {

user-select: none;

position: fixed;

margin: 0;

color: white;

font-size: 64px;

font-weight: 800;

}

/\* Style of the menu class hovered \*/

.menu:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style of the menu class not hovered \*/

.menu:not(:hover){

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the menu\_button class \*/

.menu\_button {

position: absolute;

width: 170px;

height: 80px;

left: 170px;

top: 18px;

transition-duration: .5s;

}

/\* Style of the a tag \*/

a {

user-select: none;

text-decoration: none;

transition-duration: .1s;

}

/\* Style of the a tag hovered \*/

a:hover {

font-weight: 800;

transition-duration: .1s;

}

/\* Style of the page class \*/

.page {

user-select: none;

color: white;

font-size: 64px;

font-weight: 600;

margin: 0;

}

/\* Style of the page\_name class \*/

.page\_name {

position: absolute;

top: 18px;

left: 750px;

}

/\* Style of the label tag \*/

label {

font-size: 36px;

font-weight: 600;

}

/\* Style of the form\_line class \*/

.form\_line {

display: flex;

flex-direction: row;

align-items: center;

justify-content: space-between;

}

/\* Style of the form tag \*/

form {

position: relative;

margin: auto;

height: 600px;

top: 200px;

color: white;

width: 70%;

}

/\* Style of the input tag of type text and number and select tag \*/

input[type="text"],

input[type="number"],

select {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

background-color: rgb(0,146,69);

width: 800px;

height: 30px;

padding: 10px;

margin: 12px 0;

border: 3px white solid;

border-radius: 8px;

}

/\* Style of the select tag \*/

select {

width: 825px;

height: 56px;

}

/\* Style of the placeholder of the input tag \*/

input::placeholder {

color: rgba(255, 255, 255, 0.5);

}

/\* Style of the valid input tag \*/

input:valid {

background-color: #727272;

}

/\* Style of the add and clear buttons \*/

input[type="submit"], input[type="reset"] {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

margin-top: 50px;

width: 200px;

height: 50px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .5s;

}

/\* Style of the clear button \*/

input[type="reset"] {

background-color: #727272;

}

/\* Style of the add and clear buttons hovered \*/

input[type="submit"]:hover, input[type="reset"]:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .5s;

}

/\* Style of the added class \*/

.added {

display: none;

}

/\* Style of the okText class \*/

.okText {

all: none;

color: white;

padding-top: 20px;

line-height: 50px;

}

/\* Style of the okText class hovered \*/

.okText:hover {

font-weight: 400;

transition-duration: .1s;

}

/\* Style of the okButton class \*/

.okButton {

position: absolute;

left: 45%;

font-size: 24px;

font-weight: 400;

margin-top: -20px;

width: 195px;

height: 45px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .1s;

text-align: center;

}

/\* Style of the okButton class hovered \*/

.okButton:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .1s;

}

#### addStockItem.js:

/\*

Add Stock Item

JS for the addStockItem.php page

C00290930 Evgenii Salnikov 04.2024

\*/

/\* Function for the MENU button behaviour \*/

document.getElementById('menu\_button').addEventListener('click', function() { // If button is clicked

var links = document.querySelector('.links');

var menu\_button = document.querySelector('.menu\_button');

var page\_name = document.querySelector('.page\_name');

if (links.style.display === 'none' || links.style.display === '') {

links.style.display = 'block'; // Show the links

menu\_button.style.transform = 'scale(1.2)'; // Make the MENU larger

page\_name.style.display = 'none'; // Hide the page name

} else {

links.style.display = 'none'; // Hide the links

menu\_button.style.transform = 'scale(1.05)'; // Make the MENU smaller

page\_name.style.display = 'block'; // Show the page name

}

});

/\* Function for validating the form \*/

function validateForm(){

return confirmChanges();

}

/\* Function for confirming the changes \*/

function confirmChanges(){

return confirm("Are you sure you want to make these changes?");

}

/\* Function to change the style of the Supplier Name, because it requires logic, and cannot be done strictly with CSS only \*/

document.getElementById("supplierName").addEventListener("change", function () {

var select = this;

if (select.value !== "") {

select.style.backgroundColor = "#727272";

} else {

select.style.backgroundColor = "rgb(0, 146, 69)";

}

});

/\* Function to when displaying the added message, scroll the user to its location on the page \*/

document.addEventListener("DOMContentLoaded", function() {

var messageDiv = document.getElementById("added");

var message = messageDiv.textContent || messageDiv.innerText; // Set the message

if (message.trim().length > 1) { // Simply, if message exists

messageDiv.style.display = "block"; // Make sure the div is visible

messageDiv.scrollIntoView({ behavior: 'smooth', block: 'start' });

} else {

messageDiv.style.display = "none"; // Hide div if no message

}

});

### View/Amend Stock Item

A screenshot of a computer

Description automatically generated

#### viewAmendStockItem.php:

<!--

View/Amend Stock Item

Viewing and Amending a stock item

C00290930 Evgenii Salnikov 04.2024

-->

<?php

session\_start(); // Start the session

include '../../../db.inc.php';

// Check if the reset action is requested

if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {

unset($\_SESSION['form\_submitted']);

// Redirect to the same page without the query parameter to avoid accidental resets on refresh

header('Location: amendViewStockItem.php');

exit;

}

$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : '';

if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {

// Prepare the UPDATE SQL statement

$sql = "UPDATE stock SET

description = '{$\_POST['description']}',

costPrice = '{$\_POST['costPrice']}',

retailPrice = '{$\_POST['retailPrice']}',

reorderLevel = '{$\_POST['reorderLevel']}',

reorderQuantity = '{$\_POST['reorderQuantity']}',

quantityInStock = '{$\_POST['quantityInStock']}',

supplierID = '{$\_POST['supplierName']}'

WHERE stockID = '{$\_POST['stockItemDescription']}'";

// Create query and set the message

if (mysqli\_query($con, $sql)) {

if (mysqli\_affected\_rows($con) > 0) {

$message = "RECORD UPDATED SUCCESSFULLY. ID: ".$\_POST['stockItemDescription'];

} else {

$message = "NO CHANGES WERE MADE TO THE RECORD. ID: ".$\_POST['stockItemDescription'];

}

} else {

$message = "An Error in the SQL Query: " . mysqli\_error($con);

}

// Set a session variable to indicate form submission

$\_SESSION['form\_submitted'] = true;

} elseif (isset($\_SESSION['form\_submitted'])) {

$message = "YOU HAVE ALREADY SUBMITTED THE FORM"; // Message to show if the form was already submitted

}

// If reached the page, without posting the form

if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {

unset($\_SESSION['form\_submitted']);

$message = '';

}

mysqli\_close($con);

?>

<!DOCTYPE html>

<html lang="en">

<head>

<!-- Link to external css -->

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

<title>View/Amend Stock Item</title>

</head>

<body>

<!-- Static header of the page -->

<div class="header">

<!-- Logo in the top left corner -->

<div class="logo">

<a href="../../../menu.html"><img src="../../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

</div>

<!-- Menu button that displays the menu links -->

<div class="menu\_button" id="menu\_button">

<p class="menu">MENU</p>

</div>

<!-- Name of the current page -->

<div class="page\_name">

<p class="page">VIEW/AMEND STOCK ITEM</p>

</div>

<!-- Links to other pages that show up with the click on Menu button -->

<div class="links" id="links">

<div class="link" style="top: 5px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

</div>

<div class="link" style="top: 50px; left: 0;">

<a href="../../../DispenseDrugs/dispenseDrugs.php" style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

</div>

<div class="link" style="top: 0; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

</div>

<div class="link" style="top: 50px; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

</div>

<div class="link" style="top: 0; left: 820px">

<a href="../../fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

</div>

<div class="link" style="top: 50px; left: 820px">

<a style="margin: 0; color: white; font-size: 30px;">REPORTS MENU</a>

</div>

</div>

<!-- Logout logo and button -->

<div class="logout">

<a href="../../../logIn.html"><img src="../../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

</div>

</div>

<!-- The form, that calls validateForm() function when submitted -->

<form method="post" onsubmit="return validateForm()">

<div class="form\_line">

<!-- Automatically populated dropdown list of all not-deleted stock items -->

<label for="stockItemDescription">SELECT DESCRIPTION</label>

<!-- populate() function is called, when stock item is clicked on (selected) -->

<select name="stockItemDescription" id="stockItemDescription" onclick="populate()" required>

<option value="">Select a stock item</option>

<?php

include '../../../db.inc.php'; // Adjust the path as necessary

// Prepare sql SELECT statement for stock items

$sql = "SELECT stockID, description, costPrice, retailPrice, reorderLevel, reorderQuantity, quantityInStock, supplierName

FROM stock

JOIN supplier ON stock.supplierID = supplier.supplierID

WHERE stock.isDeleted = 0

ORDER BY description ASC";

if (!empty($con)) {

$result = mysqli\_query($con, $sql);

}

// Save supplier ID

global $supplierID;

// data-details is used to store all the details of each stock item as a single string within the HTML <option> elements, while $details is a PHP variable used to construct this string. JavaScript then retrieves this string from the selected <option> element and splits it to populate the form fields with the appropriate details.

if ($result) {

while ($row = mysqli\_fetch\_assoc($result)) {

// Combine all relevant details with a delimiter (comma)

$details = implode(',', $row);

echo '<option value="'.$row['stockID'].'" data-details="'.$details.'">'.$row['description'].'</option>';

//$supplierID = $row['supplierID'];

}

} else {

// Display error message

echo '<option value="">Failed to load stock items</option>';

}

mysqli\_close($con);

?>

</select>

</div>

<!-- View/Amend button -->

<input type="button" value="AMEND" id="amendViewButton" onclick="toggleLock()">

<!-- Form field for Stock ID -->

<div class="form\_line" style="margin-top: 30px;">

<label for="stockID">STOCK ID</label>

<input type="number" id="stockID" name="stockID" pattern="[0-9]+" required disabled>

</div>

<!-- Form field for description -->

<div class="form\_line">

<label for="description">DESCRIPTION</label>

<input type="text" id="description" name="description" pattern="[0-9A-Za-z., ]+" required disabled>

</div>

<!-- Form field for cost price -->

<div class="form\_line">

<label for="costPrice">COST PRICE</label>

<input type="number" id="costPrice" name="costPrice" min="0.01" step=".01" required disabled>

</div>

<!-- Form field for retail price -->

<div class="form\_line">

<label for="retailPrice">RETAIL PRICE</label>

<input type="number" id="retailPrice" name="retailPrice" min="0.01" step=".01" required disabled>

</div>

<!-- Form field for reorder level -->

<div class="form\_line">

<label for="reorderLevel">REORDER LEVEL</label>

<input type="number" id="reorderLevel" name="reorderLevel" min="0" required disabled>

</div>

<!-- Form field for reorder quantity -->

<div class="form\_line">

<label for="reorderQuantity">REORDER QUANTITY</label>

<input type="number" id="reorderQuantity" name="reorderQuantity" min="1" required disabled>

</div>

<!-- Form field for quantity in stock -->

<div class="form\_line">

<label for="quantityInStock">QUANTITY IN STOCK</label>

<input type="number" id="quantityInStock" name="quantityInStock" min="0" required disabled>

</div>

<!-- First supplier name form field, that is displayed when in View mode -->

<div class="supplierDiv1" id="supplierDiv1">

<div class="form\_line">

<label for="supplierName">SUPPLIER NAME</label>

<input type="text" id="supplierName" name="supplierName" pattern="[0-9A-Za-z., ]+" onclick="changeSelect()" required disabled>

</div>

</div>

<!-- Second supplier name form field, that is displayed when in Amend mode -->

<div class="supplierDiv2" style="display: none;" id="supplierDiv2">

<div class="form\_line">

<label for="supplierName">SUPPLIER NAME</label>

<!-- Automatically populated with suppliers dropdown -->

<select name="supplierName" id="supplierName" required>

<option id="preselectedSupplier" value="">Select a supplier</option>

<?php

include '../../../db.inc.php';

// Prepare sql SELECT statement for fetching suppliers

$sql = "SELECT supplierID, supplierName FROM supplier ORDER BY supplierName ASC";

if (!empty($con)) {

// Execute query

$result = mysqli\_query($con, $sql);

}

if ($result) {

while ($row = mysqli\_fetch\_assoc($result)) {

// Does not preselect, can use just echo from else

if ($row['supplierID'] == $supplierID) {

// Populate dropdown with selected supplier

echo '<option value="'.$row['supplierID'].'" selected>'.$row['supplierName'].'</option>';

} else {

echo '<option value="'.$row['supplierID'].'">'.$row['supplierName'].'</option>';

}

}

} else {

// Display error message

echo '<option value="">Failed to load suppliers</option>';

}

mysqli\_close($con);

?>

</select>

</div>

</div>

<!-- Save button -->

<div class="form\_line">

<span></span>

<input type="submit" value="SAVE" name="submit"/>

</div>

<!-- The purpose of the okButton is to basically reload the page without resubmitting the form. This is achieved by sending a specific query parameter when the "OK" button is clicked, which the PHP script checks for at the beginning of the page load to reset the session and message, which make it possible for further successful amending -->

<div class="form\_line">

<div class="amended" id="amended">

<br><br><br>

<?php if (!empty($message)) : ?>

<p><?php echo $message; ?></p>

<!-- OK button to reset the message -->

<div class="okButton"><a href="amendViewStockItem.php?action=resetMessage" class="okText">OK</a></div>

<?php endif; ?>

</div>

</div>

</form>

<!-- Link to external JS -->

<script src="amendViewStockItem.js"></script>

</body>

</html>

#### amendViewStockItem.css:

/\*

Add Stock Item

CSS for the addStockItem.php page

C00290930 Evgenii Salnikov 04.2024

\*/

/\* Style of the body \*/

body {

font-family: "JetBrains Mono";

background-color: #727272;

padding: 0;

margin: 0;

}

/\* Style of the link class \*/

.link {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Style of the header \*/

.header {

z-index: 1;

padding: 0;

margin: 0;

position: fixed;

width: 100%;

height: 150px;

background: rgb(114,114,114);

background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);

}

/\* Style for the logo \*/

.logo {

user-select: none;

position: absolute;

top: 5px;

left: 10px;

}

/\* Style for logo hovered \*/

.logo:hover {

transform: scale(1.05);

transition-duration: .1s;

}

/\* Style for logo not hovered \*/

.logo:not(:hover) {

transform: scale(1);

transition-duration: .9s;

}

/\* Style for logout image/button \*/

.logout {

user-select: none;

position: absolute;

top: -10px;

right: 0;

}

/\* Style for logout image/button hovered \*/

.logout:hover {

transform: scale(1.1);

transition-duration: .1s;

}

/\* Style for logout image/button not hovered \*/

.logout:not(:hover) {

transform: scale(1);

transition-duration: .9s;

}

/\* Style of the links class \*/

.links {

display: none;

position: absolute;

width: 1200px;

height: 90px;

left: 420px;

top: 15px;

}

/\* Style of the menu class \*/

.menu {

user-select: none;

position: fixed;

margin: 0;

color: white;

font-size: 64px;

font-weight: 800;

}

/\* Style of the menu class hovered \*/

.menu:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style of the menu class not hovered \*/

.menu:not(:hover){

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the menu\_button class \*/

.menu\_button {

position: absolute;

width: 170px;

height: 80px;

left: 170px;

top: 18px;

transition-duration: .5s;

}

/\* Style of the a tag \*/

a {

user-select: none;

text-decoration: none;

transition-duration: .1s;

}

/\* Style of the a tag hovered \*/

a:hover {

font-weight: 800;

transition-duration: .1s;

}

/\* Style of the page class \*/

.page {

user-select: none;

color: white;

font-size: 64px;

font-weight: 600;

margin: 0;

}

/\* Style of the page\_name class \*/

.page\_name {

position: absolute;

top: 18px;

left: 750px;

}

/\* Style of the label tag \*/

label {

font-size: 36px;

font-weight: 600;

}

/\* Style of the form\_line class \*/

.form\_line {

display: flex;

flex-direction: row;

align-items: center;

justify-content: space-between;

}

/\* Style of the form tag \*/

form {

position: relative;

margin: auto;

height: 600px;

top: 200px;

color: white;

width: 70%;

}

/\* Style of the input tag of type text and number and select tag \*/

input[type="text"],

input[type="number"],

select {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

background-color: rgb(0,146,69);

width: 800px;

height: 30px;

padding: 10px;

margin: 12px 0;

border: 3px white solid;

border-radius: 8px;

}

/\* Style of the select tag \*/

select {

width: 825px;

height: 56px;

}

/\* Style of the placeholder of the input tag \*/

input::placeholder {

color: rgba(255, 255, 255, 0.5);

}

/\* Style of the valid input tag \*/

input:valid {

background-color: #727272;

}

/\* Style of the add and clear buttons \*/

input[type="submit"], input[type="reset"] {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

margin-top: 50px;

width: 200px;

height: 50px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .5s;

}

/\* Style of the clear button \*/

input[type="reset"] {

background-color: #727272;

}

/\* Style of the add and clear buttons hovered \*/

input[type="submit"]:hover, input[type="reset"]:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .5s;

}

/\* Style of the added class \*/

.added {

display: none;

}

/\* Style of the okText class \*/

.okText {

all: none;

color: white;

padding-top: 20px;

line-height: 50px;

}

/\* Style of the okText class hovered \*/

.okText:hover {

font-weight: 400;

transition-duration: .1s;

}

/\* Style of the okButton class \*/

.okButton {

position: absolute;

left: 45%;

font-size: 24px;

font-weight: 400;

margin-top: -20px;

width: 195px;

height: 45px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .1s;

text-align: center;

}

/\* Style of the okButton class hovered \*/

.okButton:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .1s;

}

#### amendViewStockItem.js:

/\*

Amend/View Stock Item

JS for the amendViewStockItem.php page

C00290930 Evgenii Salnikov 04.2024

\*/

/\* Function for the MENU button behaviour \*/

document.getElementById('menu\_button').addEventListener('click', function() {

var links = document.querySelector('.links');

var menu\_button = document.querySelector('.menu\_button');

var page\_name = document.querySelector('.page\_name');

if (links.style.display === 'none' || links.style.display === '') {

links.style.display = 'block'; // Show the links

menu\_button.style.transform = 'scale(1.2)'; // Make the MENU larger

page\_name.style.display = 'none';

} else {

links.style.display = 'none'; // Hide the links

menu\_button.style.transform = 'scale(1.05)'; // Make the MENU smaller

page\_name.style.display = 'block';

}

});

/\* Function to change the style of the Stock Item Description, because it requires logic, and cannot be done strictly with CSS only \*/

document.getElementById("stockItemDescription").addEventListener("change", function () {

var select = this;

if (select.value !== "") {

select.style.backgroundColor = "#727272";

} else {

select.style.backgroundColor = "rgb(0, 146, 69)";

}

});

/\* Function to populate form field with data-details \*/

function populate() {

var sel = document.getElementById("stockItemDescription");

var result = sel.options[sel.selectedIndex].value;

var details = sel.options[sel.selectedIndex].getAttribute("data-details");

if (result === "") {

// Clear all fields if no stock item is selected

document.getElementById("stockID").value = "";

document.getElementById("description").value = "";

document.getElementById("costPrice").value = "";

document.getElementById("retailPrice").value = "";

document.getElementById("reorderLevel").value = "";

document.getElementById("reorderQuantity").value = "";

document.getElementById("quantityInStock").value = "";

document.getElementById("supplierName").value = "";

} else {

// Split the details using the delimiter (comma)

var stockDetails = details.split(',');

document.getElementById("stockID").value = stockDetails[0];

document.getElementById("description").value = stockDetails[1];

document.getElementById("costPrice").value = stockDetails[2];

document.getElementById("retailPrice").value = stockDetails[3];

document.getElementById("reorderLevel").value = stockDetails[4];

document.getElementById("reorderQuantity").value = stockDetails[5];

document.getElementById("quantityInStock").value = stockDetails[6];

document.getElementById("supplierName").value = stockDetails[7];

}

}

/\* Function to toggle the disable property of all form fields with amend/view button states \*/

function toggleLock() {

var supplierNameInput = document.getElementById("supplierName"); // Text input or select element

if(document.getElementById("amendViewButton").value === "AMEND") {

document.getElementById("description").disabled = false;

document.getElementById("costPrice").disabled = false;

document.getElementById("retailPrice").disabled = false;

document.getElementById("reorderLevel").disabled = false;

document.getElementById("reorderQuantity").disabled = false;

document.getElementById("quantityInStock").disabled = false;

document.getElementById("supplierName").disabled = false;

document.getElementById("amendViewButton").value = "VIEW";

document.getElementById("amendViewButton").style.backgroundColor = "rgb(0, 146, 69)";

document.getElementById("supplierDiv1").style.display = 'block';

document.getElementById("supplierDiv2").style.display = 'none';

} else {

populate();

document.getElementById("description").disabled = true;

document.getElementById("costPrice").disabled = true;

document.getElementById("retailPrice").disabled = true;

document.getElementById("reorderLevel").disabled = true;

document.getElementById("reorderQuantity").disabled = true;

document.getElementById("quantityInStock").disabled = true;

document.getElementById("supplierName").disabled = true;

document.getElementById("amendViewButton").value = "AMEND";

document.getElementById("amendViewButton").style.backgroundColor = "#727272";

document.getElementById("supplierDiv1").style.display = 'block';

document.getElementById("supplierDiv2").style.display = 'none';

}

}

/\* Function to swap between first and second supplier form fields \*/

function changeSelect() {

document.getElementById("supplierDiv1").style.display = 'none';

document.getElementById("supplierDiv2").style.display = 'block';

}

// When displaying the added message, scroll the user to its location on the page

// When the page is loaded:...

document.addEventListener("DOMContentLoaded", function() {

var messageDiv = document.getElementById("amended");

//var body = document.getElementsByTagName("body");

var message = messageDiv.textContent || messageDiv.innerText;

if (message.trim().length > 1) {

//body.style.height = "1400px";

messageDiv.style.display = "block"; // Make sure the div is visible

messageDiv.scrollIntoView({ behavior: 'smooth', block: 'start' });

} else {

//body.style.height = "1000px";

messageDiv.style.display = "none"; // Hide div if no message

}

});

/\* Function for confirming the changes \*/

function confirmChanges(){

// May be: "Please confirm that the details are correct"

return confirm("Are you sure you want to make these changes?"); // Display confirmation dialog and return user's choice

}

/\* Function for validating the form \*/

function validateForm(){

if(document.getElementById("amendViewButton").value === "AMEND"){

return false;

}

return confirmChanges();

}

### Delete Stock Item

A screenshot of a computer

Description automatically generated

#### deleteStockItem.php:

<!--

Delete Stock Item

Deleting a stock item

C00290930 Evgenii Salnikov 04.2024

-->

<?php

session\_start(); // Start the session

include '../../../db.inc.php';

// Check if the reset action is requested

if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {

unset($\_SESSION['form\_submitted']);

// Redirect to the same page without the query parameter to avoid accidental resets on refresh

header('Location: deleteStockItem.php');

exit;

}

$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : '';

if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {

// Prepare the UPDATE SQL statement

$sql = "UPDATE stock SET isDeleted = '1' WHERE stockID = '{$\_POST['stockItemDescription']}'";

// Create query and set the message

if (mysqli\_query($con, $sql)) {

if (mysqli\_affected\_rows($con) > 0) {

$message = "RECORD DELETED SUCCESSFULLY. ID: ".$\_POST['stockItemDescription'];

} else {

$message = "NO CHANGES WERE MADE TO THE RECORD. ID: ".$\_POST['stockItemDescription'];

}

} else {

$message = "An Error in the SQL Query: " . mysqli\_error($con);

}

// Set a session variable to indicate form submission

$\_SESSION['form\_submitted'] = true;

} elseif (isset($\_SESSION['form\_submitted'])) {

$message = "YOU HAVE ALREADY SUBMITTED THE FORM"; // Message to show if the form was already submitted

}

// If reached the page, without posting the form

if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {

unset($\_SESSION['form\_submitted']);

$message = '';

}

mysqli\_close($con);

?>

<!DOCTYPE html>

<html lang="en">

<head>

<!-- Link to external css -->

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

<title>Delete Stock Item</title>

</head>

<body>

<!-- Static header of the page -->

<div class="header">

<!-- Logo in the top left corner -->

<div class="logo">

<a href="../../../menu.html"><img src="../../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

</div>

<!-- Menu button that displays the menu links -->

<div class="menu\_button" id="menu\_button">

<p class="menu">MENU</p>

</div>

<!-- Name of the current page -->

<div class="page\_name">

<p class="page">DELETE STOCK ITEM</p>

</div>

<!-- Links to other pages that show up with the click on Menu button -->

<div class="links" id="links">

<div class="link" style="top: 5px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

</div>

<div class="link" style="top: 50px; left: 0;">

<a href="../../../DispenseDrugs/dispenseDrugs.php" style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

</div>

<div class="link" style="top: 0; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

</div>

<div class="link" style="top: 50px; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

</div>

<div class="link" style="top: 0; left: 820px">

<a href="../../fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

</div>

<div class="link" style="top: 50px; left: 820px">

<a style="margin: 0; color: white; font-size: 30px;">REPORTS MENU</a>

</div>

</div>

<!-- Logout logo and button -->

<div class="logout">

<a href="../../../logIn.html"><img src="../../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

</div>

</div>

<!-- The form, that calls validateForm() function when submitted -->

<form method="post" onsubmit="return validateForm()">

<div class="form\_line">

<!-- Automatically populated dropdown list of all not-deleted stock items -->

<label for="stockItemDescription">SELECT STOCK ITEM</label>

<!-- populate() function is called, when stock item is clicked on (selected) -->

<select name="stockItemDescription" id="stockItemDescription" onclick="populate()" required>

<option value="">Select a stock item</option>

<?php

include '../../../db.inc.php';

// Prepare sql SELECT statement for stock items

$sql = "SELECT stock.stockID, description, quantityInStock, costPrice, supplierName

FROM stock

JOIN supplier ON stock.supplierID = supplier.supplierID

WHERE stock.isDeleted = 0

ORDER BY description ASC";

// Run the query

$result = mysqli\_query($con, $sql);

if ($result) {

while ($row = mysqli\_fetch\_assoc($result)) {

// Query the order\_to\_stock table for each stock item

$stockID = $row['stockID'];

$orderSql = "SELECT COUNT(\*) AS orderCount FROM order\_to\_stock WHERE stockID = '{$stockID}'";

$orderResult = mysqli\_query($con, $orderSql);

$orderRow = mysqli\_fetch\_assoc($orderResult);

$orderCount = $orderRow['orderCount'];

// Append the orderCount to the row details

$row['orderCount'] = $orderCount;

// Combine all relevant details with a delimiter (comma)

$details = implode(',', $row);

echo '<option value="'.$row['stockID'].'" data-details="'.$details.'">'.$row['description'].'</option>';

}

} else {

echo '<option value="">Failed to load stock items</option>';

}

mysqli\_close($con);

?>

</select>

</div>

<!-- Form field for Stock ID -->

<div class="form\_line" style="margin-top: 30px;">

<label for="stockID">STOCK ID</label>

<input type="number" id="stockID" name="stockID" pattern="[0-9]+" required disabled>

</div>

<!-- Form field for description -->

<div class="form\_line">

<label for="description">DESCRIPTION</label>

<input type="text" id="description" name="description" pattern="[0-9A-Za-z., ]+" required disabled>

</div>

<!-- Form field for quantity in stock -->

<div class="form\_line">

<label for="quantityInStock">QUANTITY IN STOCK</label>

<input type="number" id="quantityInStock" name="quantityInStock" min="0" required disabled>

</div>

<!-- Form field for cost price -->

<div class="form\_line">

<label for="costPrice">COST PRICE</label>

<input type="number" id="costPrice" name="costPrice" min="0.01" step=".01" required disabled>

</div>

<!-- Form field for supplier name -->

<div class="form\_line">

<label for="supplierName">SUPPLIER NAME</label>

<input type="text" id="supplierName" name="supplierName" pattern="[0-9A-Za-z., ]+" required disabled>

</div>

<!-- Save button -->

<div class="form\_line">

<span></span>

<input type="submit" value="DELETE" id="deleteButton"/>

</div>

<!-- The purpose of the okButton is to basically reload the page without resubmitting the form. This is achieved by sending a specific query parameter when the "OK" button is clicked, which the PHP script checks for at the beginning of the page load to reset the session and message, which make it possible for further successful amending -->

<div class="form\_line">

<div class="deleted" id="deleted">

<br><br><br>

<?php if (!empty($message)) : ?>

<p><?php echo $message; ?></p>

<!-- OK button to reset the message -->

<div class="okButton"><a href="deleteStockItem.php?action=resetMessage" class="okText">OK</a></div>

<?php endif; ?>

</div>

</div>

</form>

<!-- Link to external JS -->

<script src="deleteStockItem.js"></script>

</body>

</html>

#### deleteStockItem.css:

/\*

Delete Stock Item

CSS for the deleteStockItem.php page

C00290930 Evgenii Salnikov 04.2024

\*/

/\* Style of the body \*/

body {

font-family: "JetBrains Mono";

background-color: #727272;

height: 1200px;

padding: 0;

margin: 0;

}

/\* Style of the link class \*/

.link {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Style of the header \*/

.header {

z-index: 1;

padding: 0;

margin: 0;

position: fixed;

width: 100%;

height: 150px;

background: rgb(114,114,114);

background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);

}

/\* Style for the logo \*/

.logo {

user-select: none;

position: absolute;

top: 5px;

left: 10px;

}

/\* Style for logo hovered \*/

.logo:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style for logo not hovered \*/

.logo:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Style for logout image/button \*/

.logout {

user-select: none;

position: absolute;

top: -10px;

right: 0;

}

/\* Style for logout image/button hovered \*/

.logout:hover {

transform: scale(1.1);

transition-duration: .5s;

}

/\* Style for logout image/button not hovered \*/

.logout:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the links class \*/

.links {

display: none;

position: absolute;

width: 1200px;

height: 90px;

left: 420px;

top: 15px;

}

/\* Style of the menu class \*/

.menu {

user-select: none;

position: fixed;

margin: 0;

color: white;

font-size: 64px;

font-weight: 800;

}

/\* Style of the menu class hovered \*/

.menu:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style of the menu class not hovered \*/

.menu:not(:hover){

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the menu\_button class \*/

.menu\_button {

position: absolute;

width: 170px;

height: 80px;

left: 170px;

top: 18px;

transition-duration: .5s;

}

/\* Style of the a tag \*/

a {

user-select: none;

text-decoration: none;

transition-duration: .1s;

}

/\* Style of the a tag hovered \*/

a:hover {

font-weight: 800;

transition-duration: .1s;

}

/\* Style of the page class \*/

.page {

user-select: none;

color: white;

font-size: 64px;

font-weight: 600;

margin: 0;

}

/\* Style of the page\_name class \*/

.page\_name {

position: absolute;

top: 18px;

left: 700px;

}

/\* Style of the form\_line class \*/

.form\_line {

display: flex;

flex-direction: row;

align-items: center;

justify-content: space-between;

}

/\* Style of the form tag \*/

form {

position: relative;

margin: auto;

height: 600px;

top: 200px;

color: white;

width: 70%;

user-select: none;

}

/\* Style of the label tag \*/

label {

font-size: 36px;

font-weight: 600;

}

/\* Style of the input tag of type text and number and select tag \*/

input[type="text"],

input[type="number"],

select {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

background-color: rgb(0,146,69);

width: 800px;

height: 30px;

padding: 10px;

margin: 12px 0;

border: 3px white solid;

border-radius: 8px;

}

/\* Style of the input tag of type button \*/

input[type="submit"] {

font-family: "JetBrains Mono";

color: white;

font-size: 36px;

font-weight: 600;

border: 3px white solid;

border-radius: 8px;

background-color: #727272;

margin-bottom: 30px;

margin-top: 20px;

transition-duration: .1s;

width: 175px;

height: 75px;

text-align: center;

}

/\* Style of the input tag of type button hovered \*/

input[type="submit"]:hover {

font-weight: 800;

font-size: 40px;

border: 5px white solid;

transition-duration: .1s;

}

/\* Style of the select tag \*/

select {

width: 825px;

height: 56px;

}

/\* Style of the option tag valid \*/

option:valid {

background-color: #727272;

}

/\* Style of the input tag's placeholder \*/

input::placeholder {

color: rgba(255, 255, 255, 0.5);

}

/\* Style of the valid input tag \*/

input:valid {

background-color: #727272;

}

/\* Style of the deleted class \*/

.deleted {

display: none;

font-size: 36px;

font-weight: 600;

}

/\* Style of the okText class \*/

.okText {

all: none;

color: white;

padding-top: 20px;

line-height: 50px;

}

/\* Style of the okText class hovered \*/

.okText:hover {

font-weight: 400;

transition-duration: .1s;

}

/\* Style of the okButton class \*/

.okButton {

position: absolute;

left: 45%;

font-size: 24px;

font-weight: 400;

margin-top: -20px;

width: 195px;

height: 45px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .1s;

text-align: center;

}

/\* Style of the okButton class hovered \*/

.okButton:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .1s;

}

#### deleteStockItem.js:

/\*

Delete Stock Item

JS for the deleteStockItem.php page

C00290930 Evgenii Salnikov 04.2024

\*/

/\* Function for the MENU button behaviour \*/

document.getElementById('menu\_button').addEventListener('click', function() {

var links = document.querySelector('.links');

var menu\_button = document.querySelector('.menu\_button');

var page\_name = document.querySelector('.page\_name');

if (links.style.display === 'none' || links.style.display === '') {

links.style.display = 'block'; // Show the links

menu\_button.style.transform = 'scale(1.2)'; // Make the MENU larger

page\_name.style.display = 'none';

} else {

links.style.display = 'none'; // Hide the links

menu\_button.style.transform = 'scale(1.05)'; // Make the MENU smaller

page\_name.style.display = 'block';

}

});

/\* Function to change the style of the Stock Item Description, because it requires logic, and cannot be done strictly with CSS only \*/

document.getElementById("stockItemDescription").addEventListener("change", function () {

var select = this;

if (select.value !== "") {

select.style.backgroundColor = "#727272";

} else {

select.style.backgroundColor = "rgb(0, 146, 69)";

}

});

/\* Function to populate form field with data-details \*/

function populate() {

var sel = document.getElementById("stockItemDescription");

var result = sel.options[sel.selectedIndex].value;

var details = sel.options[sel.selectedIndex].getAttribute("data-details");

if (result === "") {

// Clear all fields if no stock item is selected

document.getElementById("stockID").value = "";

document.getElementById("description").value = "";

document.getElementById("quantityInStock").value = "";

document.getElementById("costPrice").value = "";

document.getElementById("supplierName").value = "";

} else {

// Split the details using the delimiter (comma)

var stockDetails = details.split(',');

document.getElementById("stockID").value = stockDetails[0];

document.getElementById("description").value = stockDetails[1];

document.getElementById("quantityInStock").value = stockDetails[2];

document.getElementById("costPrice").value = stockDetails[3];

document.getElementById("supplierName").value = stockDetails[4];

}

}

// When displaying the added message, scroll the user to its location on the page

// When the page is loaded:...

document.addEventListener("DOMContentLoaded", function() {

var messageDiv = document.getElementById("deleted");

//var body = document.getElementsByTagName("body");

var message = messageDiv.textContent || messageDiv.innerText;

if (message.trim().length > 1) {

//body.style.height = "1400px";

messageDiv.style.display = "block"; // Make sure the div is visible

messageDiv.scrollIntoView({ behavior: 'smooth', block: 'start' });

} else {

//body.style.height = "1000px";

messageDiv.style.display = "none"; // Hide div if no message

}

});

/\* Function for confirming the changes \*/

function confirmChanges(){

return confirm("Are you sure you want to delete this item?"); // Display confirmation dialog and return user's choice

}

/\* Function for validating the form \*/

function validateForm(){

var sel = document.getElementById("stockItemDescription");

var details = sel.options[sel.selectedIndex].getAttribute("data-details");

var stockDetails = details.split(',');

// Check if item fits the rules for deletion

if(stockDetails[2] > 0 || stockDetails[5] > 0) {

alert("You can not delete this item");

return false;

}

return confirmChanges();

}

### Dispense Drugs

A screenshot of a computer

Description automatically generated

#### dispenseDrugs.php:

<!--

Dispense Drugs

Dispensing drugs and creating a new prescription

C00290930 Evgenii Salnikov 04.2024

-->

<?php // The idea is to use session variable to prevent users from resubmitting the form over and over again on page reload

// This is achieved by setting a session variable on form submission and the checking if it is set

// Start the session to maintain a state between page loads and to handle form resubmission issues

session\_start();

// Include the database connection file

include '../db.inc.php';

// Check if a specific action to reset the session variable is requested via URL parameters

if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {

// Unset the session variable to allow new submissions

unset($\_SESSION['form\_submitted']);

// Redirect to the same page without the query parameter to avoid accidental resets on refresh

header('Location: dispenseDrugs.php');

exit;

}

// Initialize or get the current state of the message to be displayed to the user

$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : '';

// Check if the form was submitted via POST and if it hasn't been marked as already submitted in the session

if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {

// Decode the JSON encoded drug data from the form submission

$drugs = json\_decode($\_POST['drugsData'], true);

// Check if the decoded drugs data is an array (valid and non-empty)

if (is\_array($drugs)) {

// Begin a database transaction to ensure all queries are executed successfully before committing

mysqli\_begin\_transaction($con);

try {

// Fetch the highest current PrescriptionID to determine the next ID for the new prescription

$sql = "SELECT MAX(prescriptionID) AS maxPrescriptionID FROM prescription";

$result = mysqli\_query($con, $sql);

$row = mysqli\_fetch\_assoc($result);

// Calculate the next ID.

$newPrescriptionID = $row['maxPrescriptionID'] + 1;

// Retrieve form data for customer, doctor, and prescription date

$customerID = $\_POST['customerID'];

$doctorID = $\_POST['doctorID'];

$dateOfPrescription = $\_POST['dateOfPrescription'];

// Get the full name of the prescribing doctor from the database

$doctorNameSQL = "SELECT CONCAT(doctorFirstname, ' ', doctorSurname) AS full\_name FROM doctor WHERE doctorID = '$doctorID'";

$doctorResult = mysqli\_query($con, $doctorNameSQL);

$doctorRow = mysqli\_fetch\_assoc($doctorResult);

$doctorName = $doctorRow['full\_name'];

// Calculate the total cost of all drugs to be added to the prescription

$totalCost = array\_sum(array\_column($drugs, 'cost'));

// Prepare and execute the SQL statement to insert a new prescription record

$prescriptionSQL = "INSERT INTO prescription (prescriptionID, doctorID, customerID, prescribingDoctor, dateOfPrescription, totalCost) VALUES (?,?,?,?,?,?)";

$stmt = mysqli\_prepare($con, $prescriptionSQL);

mysqli\_stmt\_bind\_param($stmt, "iiissd", $newPrescriptionID, $doctorID, $customerID, $doctorName, $dateOfPrescription, $totalCost);

mysqli\_stmt\_execute($stmt);

// Close the statement to free resources (optional)

mysqli\_stmt\_close($stmt);

// Loop through each drug entry to insert into the drug\_to\_prescription table

foreach ($drugs as $drug) {

if (empty($drug['sizeOfDosage']) || empty($drug['frequencyOfDosage']) || empty($drug['lengthOfDosage'])) {

// Check for required dosage information to avoid inserting incomplete data.

throw new Exception("DOSAGE INFORMATION CAN NOT BE EMPTY FOR ANY DRUG.");

}

// Prepare and execute the SQL statement to insert drug details into the drug\_to\_prescription table

$drugToPrescriptionSQL = "INSERT INTO drug\_to\_prescription (drugID, prescriptionID, drugName, sizeOfDosage, frequencyOfDosage, lengthOfDosage, instructions) VALUES (?,?,?,?,?,?,?)";

$stmt = mysqli\_prepare($con, $drugToPrescriptionSQL);

mysqli\_stmt\_bind\_param($stmt, "iisiiis", $drug['drugID'], $newPrescriptionID, $drug['drugBrandName'], $drug['sizeOfDosage'], $drug['frequencyOfDosage'], $drug['lengthOfDosage'], $drug['instructions']);

mysqli\_stmt\_execute($stmt);

// Close the statement after execution

mysqli\_stmt\_close($stmt);

}

// Commit all database changes after all inserts are successful

mysqli\_commit($con);

// Set a success message

$message = "A NEW PRESCRIPTION HAS BEEN ADDED. ID: $newPrescriptionID";

} catch (Exception $e) {

// Rollback the transaction in case of any error and capture the error message

mysqli\_rollback($con);

$message = "AN ERROR OCCURRED: " . $e->getMessage();

}

// Mark the form as submitted to prevent duplicate submissions

$\_SESSION['form\_submitted'] = true;

} else {

// Set a message if the drug data is invalid

$message = "Invalid drug data received.";

}

} elseif (isset($\_SESSION['form\_submitted'])) {

// Notify the user if the form was already submitted

$message = "YOU HAVE ALREADY SUBMITTED THE FORM";

}

// Clear the form submission flag when displaying the form again

if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {

unset($\_SESSION['form\_submitted']);

// Reset the message

$message = '';

}

// Close the database connection

mysqli\_close($con);

?>

<!DOCTYPE html>

<html lang="en">

<head>

<!-- Link to external css -->

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

<title>Dispense Drugs</title>

</head>

<body>

<!-- Static header of the page -->

<div class="header">

<!-- Logo in the top left corner -->

<div class="logo">

<a href="../menu.html"><img src="../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

</div>

<!-- Menu button that displays the menu links -->

<div class="menu\_button" id="menu\_button">

<p class="menu">MENU</p>

</div>

<!-- Name of the current page -->

<div class="page\_name">

<p class="page">DISPENSE DRUGS</p>

</div>

<!-- Links to other pages that show up with the click on Menu button -->

<div class="links" id="links">

<div class="link" style="top: 5px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

</div>

<div class="link" style="top: 50px; left: 0;">

<a href="dispenseDrugs.php" style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

</div>

<div class="link" style="top: 0; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

</div>

<div class="link" style="top: 50px; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

</div>

<div class="link" style="top: 0; left: 820px">

<a href="../FileMaintenanceMenu/fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

</div>

<div class="link" style="top: 50px; left: 820px">

<a style="margin: 0; color: white; font-size: 30px;">REPORTS MENU</a>

</div>

</div>

<!-- Logout logo and button -->

<div class="logout">

<a href="../logIn.html"><img src="../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

</div>

</div>

<!-- The form, that calls validateForm() function when submitted -->

<form method="post" id="drugForm" onsubmit="return validateForm()">

<!-- Form field for customer selection -->

<div class="form\_line">

<label for="customerDescription">CUSTOMER</label>

<select name="customerID" id="customerDescription" onclick="populate()" required>

<option value="">Select a customer</option>

<?php

include '../db.inc.php'; // Adjust the path as necessary

date\_default\_timezone\_set("UTC"); // Setting default timezone to UTC

// Prepare the sql statement

$sql = "SELECT customerID, customerSurname, customerName, address, dateOfBirth

FROM customer

WHERE customer.isDeleted = 0

ORDER BY customerName";

if (!empty($con)) {

// Execute query

$result = mysqli\_query($con, $sql);

}

// data-details is used to store all the details of each stock item as a single string within the HTML <option> elements, while $details is a PHP variable used to construct this string. JavaScript then retrieves this string from the selected <option> element and splits it to populate the form fields with the appropriate details.

if ($result) {

while ($row = mysqli\_fetch\_assoc($result)) {

// Combine all relevant details with a delimiter (comma)

$details = implode(',', $row);

echo '<option value="'.$row['customerID'].'" data-details="'.$details.'">'.$row['customerSurname'] . ' ' . $row['customerName'].'</option>';

}

} else {

// Fill the options

echo '<option value="">Failed to load customers</option>';

}

mysqli\_close($con);

?>

</select>

</div>

<!-- Form field for customer first name -->

<div class="form\_line" style="margin-top: 30px;">

<label for="customerName">FIRST NAME</label>

<input type="text" id="customerName" name="customerName" required disabled>

</div>

<!-- Form field for customer last name -->

<div class="form\_line" style="margin-top: 30px;">

<label for="customerSurname">LAST NAME</label>

<input type="text" id="customerSurname" name="customerSurname" required disabled>

</div>

<!-- Form field for customer address -->

<div class="form\_line" style="margin-top: 30px;">

<label for="address">ADDRESS</label>

<input type="text" id="address" name="address" required disabled>

</div>

<!-- Form field for customer date of birth -->

<div class="form\_line" style="margin-top: 30px;">

<label for="dateOfBirth">DATE OF BIRTH</label>

<input type="date" id="dateOfBirth" name="dateOfBirth" required disabled>

</div>

<br>

<br>

<!-- Form field for selecting a prescribing doctor -->

<div class="form\_line" style="margin-top: 30px;">

<label for="prescribingDoctor">PRESCRIBING DOCTOR</label>

<select name="doctorID" id="prescribingDoctor" required>

<option value="">Select a doctor</option>

<?php

include '../db.inc.php'; // Adjust the path as necessary

date\_default\_timezone\_set("UTC"); // Setting default timezone to UTC

// Prepare the sql statement

$sql = "SELECT doctorID, doctorSurname, doctorFirstname

FROM doctor

WHERE doctor.isDeleted = 0

ORDER BY doctorSurname";

if (!empty($con)) {

// Execute the statement

$result = mysqli\_query($con, $sql);

}

// data-details is used to store all the details of each stock item as a single string within the HTML <option> elements, while $details is a PHP variable used to construct this string. JavaScript then retrieves this string from the selected <option> element and splits it to populate the form fields with the appropriate details.

if ($result) {

while ($row = mysqli\_fetch\_assoc($result)) {

// Combine all relevant details with a delimiter (comma)

$details = implode(',', $row);

echo '<option value="'.$row['doctorID'].'" data-details="'.$details.'">'.$row['doctorSurname'] . ' ' . $row['doctorFirstname'].'</option>';

}

} else {

// Print the options

echo '<option value="">Failed to load doctors</option>';

}

mysqli\_close($con);

?>

</select>

</div>

<!-- Form field for date of prescription -->

<div class="form\_line" style="margin-top: 30px;">

<label for="dateOfPrescription">DATE OF PRESCRIPTION</label>

<input type="date" name="dateOfPrescription" id="dateOfPrescription" required value="<?php echo date('Y-m-d'); ?>">

</div>

<br>

<br>

<!-- Form field for selecting a drug -->

<div class="form\_line" style="margin-top: 30px;">

<label for="drugBrandName">DRUG BRAND NAME</label>

<select name="drugID" id="drugBrandName" onchange="updateDrugPrice()">

<option value="">Select a drug</option>

<?php

include '../db.inc.php'; // Adjust the path as necessary

date\_default\_timezone\_set("UTC"); // Setting default timezone to UTC

// Prepare the sql statement

$sql = "SELECT drugID, brandName, retailPrice

FROM drug

WHERE drug.isDeleted = 0

ORDER BY brandName";

if (!empty($con)) {

// Execute the query

$result = mysqli\_query($con, $sql);

}

// data-details is used to store all the details of each stock item as a single string within the HTML <option> elements, while $details is a PHP variable used to construct this string. JavaScript then retrieves this string from the selected <option> element and splits it to populate the form fields with the appropriate details.

if ($result) {

while ($row = mysqli\_fetch\_assoc($result)) {

// Combine all relevant details with a delimiter (comma)

$details = implode(',', [$row['drugID'], $row['brandName'], $row['retailPrice']]);

echo '<option value="' .$row['drugID'].'" data-details="'.$details.'">'.$row['brandName'] . '</option>';

}

} else {

// Print the options

echo '<option value="">Failed to load drugs</option>';

}

mysqli\_close($con);

?>

</select>

</div>

<!-- Form field for size of dosage -->

<div class="form\_line" style="margin-top: 30px;">

<label for="sizeOfDosage">SIZE OF DOSAGE</label>

<input type="number" id="sizeOfDosage" name="sizeOfDosage" min="0.01" step=".01">

</div>

<p style="height: 0;margin-bottom: 0; margin-top: -10px;">TABLETS AT A TIME</p>

<!-- Form field for frequency of dosage -->

<div class="form\_line" style="margin-top: 30px;">

<label for="frequencyOfDosage">FREQUENCY OF DOSAGE</label>

<input type="number" id="frequencyOfDosage" name="frequencyOfDosage">

</div>

<p style="height: 0;margin-bottom: 0; margin-top: -10px;">TIMES A DAY</p>

<!-- Form field for length of dosage -->

<div class="form\_line" style="margin-top: 30px;">

<label for="lengthOfDosage">LENGTH OF DOSAGE</label>

<input type="number" id="lengthOfDosage" name="lengthOfDosage">

</div>

<p style="height: 0;margin-bottom: 0; margin-top: -10px;">FOR THIS MANY DAYS</p>

<!-- Form field for instructions -->

<div class="form\_line" style="margin-top: 30px;">

<label for="instructions">INSTRUCTIONS</label>

<input type="text" id="instructions" name="instructions">

</div>

<!-- Form field for the current prescription price -->

<div class="form\_line" style="margin-top: 60px;">

<!-- Visible display of the price -->

<div class="displayPrice" id="displayPrice"></div>

</div>

<!-- Form field for displaying the added drugs -->

<div class="form\_line" style="margin-top: 30px;">

<div id="drugMessages"></div>

</div>

<div class="form\_line" style="margin-top: 30px;">

<div id="clearMessage"></div>

</div>

<div class="form\_line" style="margin-top: 30px;">

<!-- Hidden input to store the price (if needed for further processing) -->

<input type="hidden" id="retailPrice" name="retailPrice">

</div>

<!-- Hidden input to store the drug's data before the form is submitted -->

<input type="hidden" class="drugsData" name="drugsData" id="drugsData" value="">

<!-- Add Drug Button Complete Prescription Button -->

<div class="form\_line" style="margin-top: -30px;">

<button type="button" id="addDrugButton" onclick="addDrug()">ADD DRUG</button>

<input type="reset" value="CLEAR" id="clear"/>

<input type="submit" value="COMPLETE PRESCRIPTION" name="completePrescription"/>

</div>

<!-- The purpose of the okButton is to basically reload the page without resubmitting the form. This is achieved by sending a specific query parameter when the "OK" button is clicked, which the PHP script checks for at the beginning of the page load to reset the session and message, which make it possible for further successful amending -->

<div class="form\_line">

<div class="added" id="added">

<br><br><br>

<?php if (!empty($message)) : ?>

<p><?php echo $message; ?></p>

<!-- OK button to reset the message -->

<div class="okButton"><a href="dispenseDrugs.php?action=resetMessage" class="okText">OK</a></div>

<?php endif; ?>

</div>

</div>

</form>

<!-- Link to external JS file -->

<script src="dispenseDrugs.js"></script>

</body>

</html>

#### dispenseDrugs.js:

/\*

Dispense Drugs

JS for the dispenseDrugs.php page

C00290930 Evgenii Salnikov 04.2024

\*/

// Function for the MENU button behaviour

document.getElementById('menu\_button').addEventListener('click', function() {

var links = document.querySelector('.links');

var menu\_button = document.querySelector('.menu\_button');

var page\_name = document.querySelector('.page\_name');

if (links.style.display === 'none' || links.style.display === '') {

links.style.display = 'block'; // Show the links

menu\_button.style.transform = 'scale(1.2)'; // Make the MENU larger

page\_name.style.display = 'none';

} else {

links.style.display = 'none'; // Hide the links

menu\_button.style.transform = 'scale(1.05)'; // Make the MENU smaller

page\_name.style.display = 'block';

}

});

// Function for styling customer description field because requires logic and can not be done strictly with CSS

document.getElementById("customerDescription").addEventListener("change", function () {

var select = this;

if (select.value !== "") {

select.style.backgroundColor = "#727272";

} else {

select.style.backgroundColor = "rgb(0, 146, 69)";

}

});

// Function for populating the form fields

function populate() {

var sel = document.getElementById("customerDescription");

var result = sel.options[sel.selectedIndex].value;

var details = sel.options[sel.selectedIndex].getAttribute("data-details");

if (result === "") {

// Clear all fields if no stock item is selected

document.getElementById("customerName").value = "";

document.getElementById("customerSurname").value = "";

document.getElementById("address").value = "";

document.getElementById("dateOfBirth").value = "";

} else {

// Split the details using the delimiter (comma)

var customerDetails = details.split(',');

document.getElementById("customerName").value = customerDetails[2];

document.getElementById("customerSurname").value = customerDetails[1];

document.getElementById("address").value = customerDetails[3];

document.getElementById("dateOfBirth").value = customerDetails[4];

}

}

/\* Function to when displaying the added message, scroll the user to its location on the page \*/

document.addEventListener("DOMContentLoaded", function() {

var messageDiv = document.getElementById("added");

var message = messageDiv.textContent || messageDiv.innerText; // Set the message

if (message.trim().length > 1) { // Simply, if message exists

messageDiv.style.display = "block"; // Make sure the div is visible

messageDiv.scrollIntoView({ behavior: 'smooth', block: 'start' });

} else {

messageDiv.style.display = "none"; // Hide div if no message

}

});

// Function that gets triggered when you select a drug. This function will parse the data-details for the selected option, extract the price, and update a hidden input or a display element.

function updateDrugPrice() {

document.getElementById('clearMessage').innerHTML = '';

var select = document.getElementById('drugBrandName');

var details = select.options[select.selectedIndex].getAttribute('data-details');

if (details) {

var detailsArray = details.split(',');

var retailPrice = detailsArray[2]; // RetailPrice is the third ([2]) item

// Update hidden input or any display element

document.getElementById('displayPrice').style.display = "block";

document.getElementById('displayPrice').innerText = "RETAIL PRICE: " + retailPrice;

document.getElementById('retailPrice').value = retailPrice;

}

}

// Function to add, process and store the added drug

function addDrug() {

// Capture form data

const drugBrandName = document.getElementById('drugBrandName').options[document.getElementById('drugBrandName').selectedIndex].text;

const drugID = document.getElementById('drugBrandName').value;

const sizeOfDosage = parseInt(document.getElementById('sizeOfDosage').value);

const frequencyOfDosage = parseInt(document.getElementById('frequencyOfDosage').value);

const lengthOfDosage = parseInt(document.getElementById('lengthOfDosage').value);

const instructions = document.getElementById('instructions').value;

// Validate input to ensure none of the required fields are zero or NaN

if (isNaN(sizeOfDosage) || sizeOfDosage <= 0 ||

isNaN(frequencyOfDosage) || frequencyOfDosage <= 0 ||

isNaN(lengthOfDosage) || lengthOfDosage <= 0) {

return; // Prevent adding incomplete data

}

// Get the retail price from the hidden input

const pricePerUnit = parseInt(document.getElementById('retailPrice').value); // Assuming you have an input with id 'retailPrice' storing the price

// Calculate the cost of the drug

const cost = sizeOfDosage \* frequencyOfDosage \* lengthOfDosage \* pricePerUnit;

// Store the drug information in sessionStorage or a temporary JavaScript object

const drugData = {

drugID,

drugBrandName,

sizeOfDosage,

frequencyOfDosage,

lengthOfDosage,

instructions,

cost

};

// Display a message with the drug cost and update the list of added drugs

let messageArea = document.getElementById('drugMessages');

let existingMessages = messageArea.innerHTML;

existingMessages += `<p class="drugsData">ADDED: ${drugBrandName} - SIZE: ${sizeOfDosage} - FREQUENCY: ${frequencyOfDosage} - LENGTH: ${lengthOfDosage} - COST: ${cost.toFixed(2)}</p>`;

messageArea.innerHTML = existingMessages;

// Store in sessionStorage

if (!sessionStorage.getItem('drugs')) { // Check if there is any data stored in sessionStorage under the key 'drugs'. If nothing is stored under that key, it returns null

// Set the item in sessionStorage with the key 'drugs'. If there is no data for 'drugs' (it's null), it initializes 'drugs' in the storage with an empty array in JSON format. JSON.stringify([]) converts an empty array [] into a JSON string

sessionStorage.setItem('drugs', JSON.stringify([]));

}

// Retrieve the JSON string stored under 'drugs' from sessionStorage and convert it back into a JavaScript array. JSON.parse is a function that parses a JSON string, constructing the JavaScript value or object described by the string

let drugs = JSON.parse(sessionStorage.getItem('drugs'));

// Add the new drugData object to the array that was just parsed from the JSON string

drugs.push(drugData);

// After modifying the drugs array by adding new drug data, the entire array is converted back into a JSON string so that it can be stored in sessionStorage

sessionStorage.setItem('drugs', JSON.stringify(drugs));

}

// Function to update hidden input drug before submission

document.getElementById('drugForm').addEventListener('submit', function() {

const drugs = sessionStorage.getItem('drugs');

document.getElementById('drugsData').value = drugs ? drugs : '[]';

});

// Function for the clear button

function resetDrugs() {

// Clear the drugs array from sessionStorage

sessionStorage.removeItem('drugs');

// Clear the display of added drugs in the HTML

document.getElementById('drugMessages').innerHTML = '';

document.getElementById('displayPrice').style.display = "none";

document.getElementById('clearMessage').innerHTML += `<p class="drugsData">CLEARED DRUGS AND FORM</p>`;

}

// Adding an event listener to the clear button

document.getElementById('clear').addEventListener('click', resetDrugs);

// Function to confirm changes

function confirmChanges(){

// May be: "Please confirm that the details are correct"

return confirm("Are you sure you want to make these changes?"); // Display confirmation dialog and return user's choice

}

// Function to validate teh form

function validateForm(){

return confirmChanges();

}

#### dispenseDrugs.css:

/\*

Dispense Drugs

CSS for the dispenseDrugs.php page

C00290930 Evgenii Salnikov 04.2024

\*/

/\* Style of the body \*/

body {

font-family: "JetBrains Mono";

background-color: #727272;

height: 1200px;

padding: 0;

margin: 0;

}

/\* Style of the link class \*/

.link {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Style of the header \*/

.header {

z-index: 1;

padding: 0;

margin: 0;

position: fixed;

width: 100%;

height: 150px;

background: rgb(114,114,114);

background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);

}

/\* Style for the logo \*/

.logo {

user-select: none;

position: absolute;

top: 5px;

left: 10px;

}

/\* Style for logo hovered \*/

.logo:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style for logo not hovered \*/

.logo:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Style for logout image/button \*/

.logout {

user-select: none;

position: absolute;

top: -10px;

right: 0;

}

/\* Style for logout image/button hovered \*/

.logout:hover {

transform: scale(1.1);

transition-duration: .5s;

}

/\* Style for logout image/button not hovered \*/

.logout:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the links class \*/

.links {

display: none;

position: absolute;

width: 1200px;

height: 90px;

left: 420px;

top: 15px;

}

/\* Style of the menu class \*/

.menu {

user-select: none;

position: fixed;

margin: 0;

color: white;

font-size: 64px;

font-weight: 800;

}

/\* Style of the menu class hovered \*/

.menu:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style of the menu class not hovered \*/

.menu:not(:hover){

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the menu\_button class \*/

.menu\_button {

position: absolute;

width: 170px;

height: 80px;

left: 170px;

top: 18px;

transition-duration: .5s;

}

/\* Style of the a tag \*/

a {

user-select: none;

text-decoration: none;

transition-duration: .1s;

}

/\* Style of the a tag hovered \*/

a:hover {

font-weight: 800;

transition-duration: .1s;

}

/\* Style of the page class \*/

.page {

user-select: none;

color: white;

font-size: 64px;

font-weight: 600;

margin: 0;

}

/\* Style of the page\_name class \*/

.page\_name {

position: absolute;

top: 18px;

left: 750px;

}

/\* Style of the form\_line class \*/

.form\_line {

display: flex;

flex-direction: row;

align-items: center;

justify-content: space-between;

}

/\* Style of the form tag \*/

form {

position: relative;

margin: auto;

height: 600px;

top: 200px;

color: white;

width: 70%;

user-select: none;

}

/\* Style of the label tag \*/

label {

font-size: 36px;

font-weight: 600;

}

/\* Style of the input tag of type text, number and date and select tag \*/

input[type="text"],

input[type="number"],

input[type="date"],

select {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

background-color: rgb(0,146,69);

width: 800px;

height: 30px;

padding: 10px;

margin: 0 0;

border: 3px white solid;

border-radius: 8px;

}

input[type="button"] {

font-family: "JetBrains Mono";

color: white;

font-size: 36px;

font-weight: 600;

border: 3px white solid;

border-radius: 8px;

background-color: #727272;

margin-bottom: 30px;

margin-top: 10px;

transition-duration: .1s;

width: 155px;

height: 75px;

text-align: center;

}

input[type="button"]:hover {

font-weight: 800;

font-size: 40px;

border: 5px white solid;

transition-duration: .1s;

}

/\* Style of the select tag \*/

select {

width: 825px;

height: 56px;

}

/\* Style of the valid select tag \*/

select:valid {

background-color: #727272;

}

/\* Style of the invalid select tag \*/

select:invalid {

background-color: rgb(0,146,69);

}

/\* Style of the valid input tag \*/

input:valid {

background-color: #727272;

}

/\* Style of the invalid input tag \*/

input:invalid {

background-color: rgb(0,146,69);

}

/\* Style of the placeholder for input tag \*/

input::placeholder {

color: rgba(255, 255, 255, 0.5);

}

/\* Style of the submit button \*/

input[type="submit"] {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

margin-top: 50px;

width: 450px;

height: 50px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .1s;

margin-bottom: 50px;

}

/\* Style of the submit button hovered \*/

input[type="submit"]:hover {

opacity: 0.9;

font-size: 26px;

transition-duration: .1s;

}

/\* Style of the added class \*/

.added {

display: none;

font-size: 36px;

font-weight: 600;

}

/\* Style of the okText class \*/

.okText {

all: none;

color: white;

padding-top: 20px;

line-height: 50px;

}

/\* Style of the okText class hovered \*/

.okText:hover {

font-weight: 400;

transition-duration: .1s;

}

/\* Style of the okButton class \*/

.okButton {

position: absolute;

left: 45%;

font-size: 24px;

font-weight: 400;

margin-top: -20px;

width: 195px;

height: 45px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .1s;

text-align: center;

}

/\* Style of the okButton class hovered \*/

.okButton:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .1s;

}

/\* Style of the button tag \*/

button {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

margin-top: 50px;

width: 200px;

height: 50px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: #727272;

transition-duration: .1s;

margin-bottom: 50px;

}

/\* Style of the button tag hovered \*/

button:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .1s;

}

/\* Style of the displayPrice class \*/

.displayPrice {

color: white;

font-size: 36px;

font-weight: 600;

}

/\* Style of the drugsData class \*/

.drugsData {

color: white;

font-size: 36px;

font-weight: 600;

}

/\* Style of the reset button \*/

input[type="reset"] {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

margin-top: 50px;

width: 150px;

height: 50px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: #727272;

transition-duration: .1s;

margin-bottom: 50px;

margin-left: 100px;

}

/\* Style of the reset button hovered \*/

input[type="reset"]:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .1s;

}

## Artemiy Maslov’s Work

### Add Doctor

A screenshot of a computer

Description automatically generated

#### addDoctor.php

*<!--  
 Add Doctor  
 Adding a new stock item  
 C00290945 Artemiy Maslov 02.2024  
-->*<?php  
  
session\_start(); *// Start the session*include '../../../db.inc.php'; *// Include the database configuration file  
  
// Check if the reset action is requested*if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {  
 unset($\_SESSION['form\_submitted']); *// Unset the session variable  
 // Redirect to the same page without the query parameter to avoid accidental resets on refresh* header('Location: addDoctor.php');  
 exit; *// Terminate script execution*}  
  
$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : ''; *// Retrieve message from session or set empty string*if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {  
 *// Fetch the highest current StockID* $sql = "SELECT MAX(doctorID) AS MaxDoctorID FROM Doctor";  
 $result = mysqli\_query($con, $sql);  
 $row = mysqli\_fetch\_assoc($result);  
 $maxDoctorID = $row['MaxDoctorID'];  
  
 *// Increment the StockID by 1 for the new record* $newDoctorID = $maxDoctorID + 1;  
  
 *// Retrieve form data* $doctorSurname = $\_POST['surname'];  
 $doctorFirstname = $\_POST['firstName'];  
 $surgeryAddress = $\_POST['surgeryAddress'];  
 $surgeryEircode = $\_POST['surgeryEircode'];  
 $surgeryTelephoneNumber = $\_POST['surgeryTelephoneNumber'];  
 $mobileTelephoneNumber = $\_POST['mobileTelephoneNumber'];  
 $homeAddress = $\_POST['homeAddress'];  
 $homeEircode = $\_POST['homeEircode'];  
 $homeTelephoneNumber = $\_POST['homeTelephoneNumber'];  
  
 *// Construct and execute SQL query to insert new doctor record* $sql = "INSERT INTO Doctor (doctorID, doctorSurname, doctorFirstname, surgeryAddress, surgeryEircode, surgeryTelephoneNumber, mobileTelephoneNumber, homeAddress, homeEircode, homeTelephoneNumber)   
 VALUES ('$newDoctorID', '$doctorSurname', '$doctorFirstname', '$surgeryAddress', '$surgeryEircode', '$surgeryTelephoneNumber', '$mobileTelephoneNumber', '$homeAddress', '$homeEircode', '$homeTelephoneNumber')";  
  
 if (mysqli\_query($con, $sql)) {  
 $message = "A NEW DOCTOR HAS BEEN ADDED. ID: $newDoctorID"; *// Set success message* } else {  
 $message = "An Error in the SQL Query: " . mysqli\_error($con); *// Set error message* }  
  
 $stockID = mysqli\_insert\_id($con); *// Get the auto-generated doctor ID* $\_SESSION['form\_submitted'] = true; *// Set a session variable to indicate form submission*} elseif (isset($\_SESSION['form\_submitted'])) {  
 $message = "YOU HAVE ALREADY SUBMITTED THE FORM"; *// Message to show if the form was already submitted*}  
  
*// Clear the form submission flag when displaying the form again*if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {  
 unset($\_SESSION['form\_submitted']);  
 $message = '';  
}  
  
mysqli\_close($con); *// Close database connection*?>  
  
<!DOCTYPE html>  
<html lang="en">  
<head>  
 <link rel="stylesheet" href="addDoctor.css">  
 <title>Add Doctor</title>  
</head>  
<body>  
  
<div class="header">  
 <div class="logo">  
 <a href="../../../menu.html"><img src="../../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>  
 </div>  
  
 <div class="menu\_button" id="menu\_button">  
 <p class="menu">MENU</p>  
 </div>  
  
 <div class="page\_name">  
 <p class="page">ADD DOCTOR FORM</p>  
 </div>  
  
 <div class="links" id="links">  
 <div class="link" style="top: 5px; left: 0;">  
 <a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 0;">  
 <a style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>  
 </div>  
  
 <div class="link" style="top: 0; left: 350px">  
 <a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 350px">  
 <a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>  
 </div>  
  
 <div class="link" style="top: 0; left: 820px">  
 <a href="../../fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 820px">  
 <a style="margin: 0; color: white; font-size: 30px;" href="/PharmacyWebSystem/web/ReportsMenu/reportsMenu.html">REPORTS MENU</a>  
 </div>  
 </div>  
  
 <div class="logout">  
 <a href="../../../logIn.html"><img src="../../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>  
 </div>  
</div>  
  
<form method="post" onsubmit="return *validateForm*()">  
 <div class="form\_line">  
 <label for="surname">SURNAME</label>  
 <input type="text" id="surname" name="surname" pattern="[A-Za-z]+" required>  
 </div>  
  
 <div class="form\_line">  
 <label for="firstName">FIRST NAME</label>  
 <input type="text" id="firstName" name="firstName" pattern="[A-Za-z]+" required>  
 </div>  
  
 <div class="form\_line">  
 <label for="surgeryAddress">SURGERY ADDRESS</label>  
 <input type="text" id="surgeryAddress" name="surgeryAddress" pattern="[0-9A-Za-z\s]+" required>  
 </div>  
  
 <div class="form\_line">  
 <label for="surgeryEircode">SURGERY EIRCODE</label>  
 <input type="text" id="surgeryEircode" name="surgeryEircode" pattern="^[A-Za-z\d]{3}\s?[A-Za-z\d]{4}$" required>  
 </div>  
  
 <div class="form\_line">  
 <label for="surgeryTelephoneNumber">SURGERY TELEPHONE NUMBER</label>  
 <input type="text" id="surgeryTelephoneNumber" name="surgeryTelephoneNumber" pattern="[0-9\s+\-]+" required>  
 </div>  
  
 <div class="form\_line">  
 <label for="mobileTelephoneNumber">MOBILE TELEPHONE NUMBER</label>  
 <input type="text" id="mobileTelephoneNumber" name="mobileTelephoneNumber" pattern="[0-9\s+\-]+" required>  
 </div>  
  
 <div class="form\_line">  
 <label for="homeAddress">HOME ADDRESS</label>  
 <input type="text" id="homeAddress" name="homeAddress" pattern="[0-9A-Za-z\s]+" required>  
 </div>  
  
 <div class="form\_line">  
 <label for="homeEircode">HOME EIRCODE</label>  
 <input type="text" id="homeEircode" name="homeEircode" pattern="^[A-Za-z\d]{3}\s?[A-Za-z\d]{4}$" required>  
 </div>  
  
 <div class="form\_line">  
 <label for="homeTelephoneNumber">HOME TELEPHONE NUMBER</label>  
 <input type="text" id="homeTelephoneNumber" name="homeTelephoneNumber" pattern="[0-9\s+\-]+" required>  
 </div>  
  
 <div class="form\_line">  
 <input type="reset" value="CLEAR" name="reset"/>  
 <input type="submit" value="SEND" name="submit"/>  
 </div>  
  
 <div class="form\_line">  
 <div class="added" id="added">  
 <br><br><br>  
 <label><?php if (!empty($message)) : ?>  
 <p><?php echo $message; ?></p>  
 *<!-- OK button to reset the message -->* <div class="okButton"><a href="addDoctor.php?action=resetMessage" class="okText">OK</a></div>  
 <?php endif; ?>  
 </label>  
 </div>  
 </div>  
  
</form>  
  
  
<script src="addDoctor.js"></script>  
</body>  
</html>

#### addDoctor.js

*/\*  
 Add Doctor  
 JavaScript for the Screen  
 C00290945 Artemiy Maslov 02.2024  
\*/  
// Event listener for the menu button*document.getElementById('menu\_button').addEventListener('click', function() {  
 var links = document.querySelector('.links');  
 var menu\_button = document.querySelector('.menu\_button');  
 var page\_name = document.querySelector('.page\_name');  
 *// Toggle display of links and adjust menu button size accordingly* if (links.style.display === 'none' || links.style.display === '') {  
 links.style.display = 'block'; *// Show the links* menu\_button.style.transform = 'scale(1.2)'; *// Make the MENU larger* page\_name.style.display = 'none';  
 } else {  
 links.style.display = 'none'; *// Hide the links* menu\_button.style.transform = 'scale(1.05)'; *// Make the MENU smaller* page\_name.style.display = 'block';  
 }  
});  
  
*// Function to validate form submission*function *validateForm*(){  
 return *confirmChanges*();  
}  
  
*// Function to confirm changes*function *confirmChanges*(){  
 return *confirm*("Are you sure you want to make these changes?");  
}  
  
*// Display message div if there is a message*document.addEventListener("DOMContentLoaded", function() {  
 var messageDiv = document.getElementById("added");  
 var message = messageDiv.textContent || messageDiv.innerText;  
 *// Check if message is present and adjust display accordingly* if (message.trim().length > 1) {  
 messageDiv.style.display = "block"; *// Make sure the div is visible* messageDiv.scrollIntoView({ behavior: 'smooth', block: 'start' });  
 } else {  
 messageDiv.style.display = "none"; *// Hide div if no message* }  
});

#### addDoctor.css

*/\*  
 Add Doctor  
 CSS for the Screen  
 C00290945 Artemiy Maslov 02.2024  
\*/  
  
/\* CSS styles for the body element \*/*body {  
 font-family: "JetBrains Mono";  
 background-color: #727272;  
 height: 1050px;  
 padding: 0;  
 margin: 0;  
}  
  
*/\* Styles for links \*/*.link {  
 position: absolute;  
 width: fit-content;  
 height: 40px;  
}  
  
*/\* Styles for header \*/*.header {  
 z-index: 1;  
 padding: 0;  
 margin: 0;  
 position: fixed;  
 width: 100%;  
 height: 150px;  
 background: rgb(114,114,114);  
 background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);  
}  
  
*/\* Styles for logo \*/*.logo {  
 user-select: none;  
 position: absolute;  
 top: 5px;  
 left: 10px;  
}  
  
*/\* Styles for logo hover \*/*.logo:hover {  
 transform: scale(1.05);  
 transition-duration: .1s;  
}  
  
*/\* Styles for logo not hover \*/*.logo:not(:hover) {  
 transform: scale(1);  
 transition-duration: .9s;  
}  
  
*/\* Styles for logout \*/*.logout {  
 user-select: none;  
 position: absolute;  
 top: -10px;  
 right: 0;  
}  
  
*/\* Styles for logout hover \*/*.logout:hover {  
 transform: scale(1.1);  
 transition-duration: .1s;  
}  
  
*/\* Styles for logout not hover \*/*.logout:not(:hover) {  
 transform: scale(1);  
 transition-duration: .9s;  
}  
  
*/\* Styles for links \*/*.links {  
 display: none;  
 position: absolute;  
 width: 1200px;  
 height: 90px;  
 left: 420px;  
 top: 15px;  
}  
  
*/\* Styles for menu \*/*.menu {  
 user-select: none;  
 position: fixed;  
 margin: 0;  
 color: white;  
 font-size: 64px;  
 font-weight: 800;  
}  
  
*/\* Styles for menu hover \*/*.menu:hover {  
 transform: scale(1.05);  
 transition-duration: .5s;  
}  
  
*/\* Styles for menu not hover \*/*.menu:not(:hover){  
 transform: scale(1);  
 transition-duration: .5s;  
}  
  
*/\* Styles for menu button \*/*.menu\_button {  
 position: absolute;  
 width: 170px;  
 height: 80px;  
 left: 170px;  
 top: 18px;  
 transition-duration: .5s;  
}  
  
*/\* Styles for links \*/*a {  
 user-select: none;  
 text-decoration: none;  
 transition-duration: .1s;  
}  
  
*/\* Styles for links hover \*/*a:hover {  
 font-weight: 800;  
 transition-duration: .1s;  
}  
  
*/\* Styles for page \*/*.page {  
 user-select: none;  
 color: white;  
 font-size: 64px;  
 font-weight: 600;  
 margin: 0;  
}  
  
*/\* Styles for page name \*/*.page\_name {  
 position: absolute;  
 top: 18px;  
 left: 575px;  
}  
  
*/\* Styles for action \*/*.action {  
 position: absolute;  
 width: fit-content;  
 height: 40px;  
}  
  
*/\* Styles for action text \*/*.action\_text {  
 user-select: none;  
 margin: 0;  
 color: white;  
 font-size: 40px;  
 font-weight: 600;  
}  
  
*/\* Styles for label \*/*label {  
 font-size: 36px;  
 font-weight: 600;  
}  
  
*/\* Styles for form line \*/*.form\_line {  
 display: flex;  
 flex-direction: row;  
 align-items: center;  
 justify-content: space-between;  
}  
  
*/\* Styles for form \*/*form {  
 position: relative;  
 margin: auto;  
 height: 600px;  
 top: 200px;  
 color: white;  
 width: 70%;  
}  
  
*/\* Styles for input fields \*/*input[type="text"],  
input[type="number"],  
select {  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 24px;  
 font-weight: 400;  
 background-color: rgb(0,146,69);  
 width: 800px;  
 height: 30px;  
 padding: 10px;  
 margin: 12px 0;  
 border: 3px white solid;  
 border-radius: 8px;  
}  
  
*/\* Styles for select element \*/*select {  
 width: 825px;  
 height: 56px;  
}  
  
*/\* Styles for input placeholder \*/*input::placeholder {  
 color: rgba(255, 255, 255, 0.5);  
}  
  
*/\* Styles for valid input \*/*input:valid {  
 background-color: #727272;  
}  
  
*/\* Styles for submit and reset buttons \*/*input[type="submit"], input[type="reset"] {  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 24px;  
 font-weight: 400;  
 margin-top: 50px;  
 width: 200px;  
 height: 50px;  
 border-radius: 8px;  
 border: 3px white solid;  
 cursor: pointer;  
 background-color: rgb(0,146,69);  
 transition-duration: .5s;  
}  
  
*/\* Styles for reset button \*/*input[type="reset"] {  
 background-color: #727272;  
}  
  
*/\* Styles for submit and reset buttons hover \*/*input[type="submit"]:hover, input[type="reset"]:hover {  
 opacity: 0.9;  
 font-size: 28px;  
 transition-duration: .5s;  
}  
  
*/\* Styles for added message \*/*.added {  
 display: none;  
}  
  
*/\* Styles for OK button \*/*.okButton {  
 position: absolute;  
 left: 45%;  
 font-size: 24px;  
 font-weight: 400;  
 margin-top: -20px;  
 width: 195px;  
 height: 45px;  
 border-radius: 8px;  
 border: 3px white solid;  
 cursor: pointer;  
 background-color: rgb(0,146,69);  
 transition-duration: .1s;  
 text-align: center;  
}  
  
*/\* Styles for OK button hover \*/*.okButton:hover {  
 opacity: 0.9;  
 font-size: 28px;  
 transition-duration: .1s;  
}

### Amend View Doctor

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

#### amendViewDoctor.php

*<!--  
 Amend/View Doctor  
 Amending and Viewing doctor  
 C00290945 Artemiy Maslov 02.2024  
-->*<?php  
error\_reporting(*E\_ALL*);  
ini\_set('display\_errors', 1);  
session\_start(); *// Start the session*include '../../../db.inc.php';  
  
*// Check if the reset action is requested*if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {  
 unset($\_SESSION['form\_submitted']);  
 *// Redirect to the same page without the query parameter to avoid accidental resets on refresh* header('Location: amendViewDoctor.php');  
 exit;  
}  
  
$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : '';  
  
if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {  
 $sql = "UPDATE Doctor SET   
 doctorSurname = '{$\_POST['surname']}',  
 doctorFirstname = '{$\_POST['firstName']}',  
 surgeryAddress = '{$\_POST['surgeryAddress']}',  
 surgeryEircode = '{$\_POST['surgeryEircode']}',  
 surgeryTelephoneNumber = '{$\_POST['surgeryTelephoneNumber']}',  
 mobileTelephoneNumber = '{$\_POST['mobileTelephoneNumber']}',  
 homeAddress = '{$\_POST['homeAddress']}',  
 homeEircode = '{$\_POST['homeEircode']}',  
 homeTelephoneNumber = '{$\_POST['homeTelephoneNumber']}'   
 WHERE doctorID = '{$\_POST['doctorDescription']}'";  
  
 if (mysqli\_query($con, $sql)) {  
 $message = "RECORD UPDATED SUCCESSFULLY. ID: ".$\_POST['doctorDescription'];  
  
 } else {  
 $message = "An Error in the SQL Query: " . mysqli\_error($con);  
 }  
  
 $\_SESSION['form\_submitted'] = true; *// Set a session variable to indicate form submission*} elseif (isset($\_SESSION['form\_submitted'])) {  
 $message = "YOU HAVE ALREADY SUBMITTED THE FORM"; *// Message to show if the form was already submitted*}  
  
if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {  
 unset($\_SESSION['form\_submitted']);  
 $message = '';  
}  
  
mysqli\_close($con);  
?>  
  
<!DOCTYPE html>  
<html lang="en">  
<head>  
 <link rel="stylesheet" href="amendViewDoctor.css">  
 <title>View/Amend Doctor</title>  
</head>  
<body>  
  
<div class="header">  
 <div class="logo">  
 <a href="../../../menu.html"><img src="../../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>  
 </div>  
  
 <div class="menu\_button" id="menu\_button">  
 <p class="menu">MENU</p>  
 </div>  
  
 <div class="page\_name">  
 <p class="page">VIEW/AMEND DOCTOR</p>  
 </div>  
  
 <div class="links" id="links">  
 <div class="link" style="top: 5px; left: 0;">  
 <a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 0;">  
 <a style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>  
 </div>  
  
 <div class="link" style="top: 0; left: 350px">  
 <a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 350px">  
 <a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>  
 </div>  
  
 <div class="link" style="top: 0; left: 820px">  
 <a href="../../fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 820px">  
 <a style="margin: 0; color: white; font-size: 30px;" href="/PharmacyWebSystem/web/ReportsMenu/reportsMenu.html">REPORTS MENU</a>  
 </div>  
 </div>  
  
 <div class="logout">  
 <a href="../../../logIn.html"><img src="../../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>  
 </div>  
</div>  
  
<form action="amendViewDoctor.php" method="post" onsubmit="return *validateForm*()">  
 <div class="form\_line">  
 <label for="doctorDescription">SELECT DOCTOR</label>  
 <select name="doctorDescription" id="doctorDescription" onclick="*populate*()" required>  
 <option value="">Select a doctor</option>  
 <?php  
 include '../../../db.inc.php'; *// Adjust the path as necessary* $sql = "SELECT doctorID, doctorSurname, doctorFirstname, surgeryAddress,  
 surgeryEircode, surgeryTelephoneNumber,  
 mobileTelephoneNumber, homeAddress,   
 homeEircode, homeTelephoneNumber FROM Doctor   
 WHERE Doctor.isDeleted = 0  
 ORDER BY doctorSurname ASC";  
 if (!empty($con)) {  
 $result = mysqli\_query($con, $sql);  
 }  
  
 *// data-details is used to store all the details of each stock item as a single string within the HTML <option> elements, while $details is a PHP variable used to construct this string. JavaScript then retrieves this string from the selected <option> element and splits it to populate the form fields with the appropriate details.* if ($result) {  
 while ($row = mysqli\_fetch\_assoc($result)) {  
 *// Combine all relevant details with a delimiter (comma)* $details = implode(',', $row);  
 echo '<option value="'.$row['doctorID'].'" data-details="'.$details.'">'.$row['doctorSurname'].'</option>';  
 }  
 } else {  
 echo '<option value="">Failed to load doctors</option>';  
 }  
  
 mysqli\_close($con);  
 ?>  
 </select>  
 </div>  
  
 <input type="button" value="AMEND" id="amendViewButton" onclick="*toggleLock*()">  
  
 <div class="form\_line">  
 <label for="surname">DOCTOR ID</label>  
 <input type="text" id="doctorID" name=doctorID required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="surname">SURNAME</label>  
 <input type="text" id="surname" name="surname" pattern="[A-Za-z]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="firstName">FIRST NAME</label>  
 <input type="text" id="firstName" name="firstName" pattern="[A-Za-z]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="surgeryAddress">SURGERY ADDRESS</label>  
 <input type="text" id="surgeryAddress" name="surgeryAddress" pattern="[0-9A-Za-z\s]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="surgeryEircode">SURGERY EIRCODE</label>  
 <input type="text" id="surgeryEircode" name="surgeryEircode" pattern="^[A-Za-z\d]{3}\s?[A-Za-z\d]{4}$" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="surgeryTelephoneNumber">SURGERY TELEPHONE NUMBER</label>  
 <input type="text" id="surgeryTelephoneNumber" name="surgeryTelephoneNumber" pattern="[0-9\s+\-]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="mobileTelephoneNumber">MOBILE TELEPHONE NUMBER</label>  
 <input type="text" id="mobileTelephoneNumber" name="mobileTelephoneNumber" pattern="[0-9\s+\-]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="homeAddress">HOME ADDRESS</label>  
 <input type="text" id="homeAddress" name="homeAddress" pattern="[0-9A-Za-z\s]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="homeEircode">HOME EIRCODE</label>  
 <input type="text" id="homeEircode" name="homeEircode" pattern="^[A-Za-z\d]{3}\s?[A-Za-z\d]{4}$" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="homeTelephoneNumber">HOME TELEPHONE NUMBER</label>  
 <input type="text" id="homeTelephoneNumber" name="homeTelephoneNumber" pattern="[0-9\s+\-]+" required disabled>  
 </div>  
  
  
 <div class="form\_line">  
 <span></span>  
 <input type="submit" value="SAVE" name="submit"/>  
 </div>  
 <div class="form\_line">  
 <div class="amended" id="amended">  
 <br><br><br>  
 <label><?php if (!empty($message)) : ?>  
 <p><?php echo $message; ?></p>  
 *<!-- OK button to reset the message -->* <div class="okButton"><a href="amendViewDoctor.php?action=resetMessage" class="okText">OK</a></div>  
 <?php endif; ?>  
 </label>  
 </div>  
 </div>  
</form>  
  
<script src="amendViewDoctor.js"></script>  
</body>  
</html>

#### amendViewDoctor.js

*/\*  
 Amend/View Doctor  
 JavaScript for the Screen  
 C00290945 Artemiy Maslov 02.2024  
\*/*document.getElementById('menu\_button').addEventListener('click', function() {  
 var links = document.querySelector('.links');  
 var menu\_button = document.querySelector('.menu\_button');  
 var page\_name = document.querySelector('.page\_name');  
 if (links.style.display === 'none' || links.style.display === '') {  
 links.style.display = 'block'; *// Show the links* menu\_button.style.transform = 'scale(1.2)'; *// Make the MENU larger* page\_name.style.display = 'none';  
 } else {  
 links.style.display = 'none'; *// Hide the links* menu\_button.style.transform = 'scale(1.05)'; *// Make the MENU smaller* page\_name.style.display = 'block';  
 }  
});  
  
*// Add event listener to the select element for doctor description*document.getElementById("doctorDescription").addEventListener("change", function () {  
 var select = this;  
 *// Change background color based on selection* if (select.value !== "") {  
 select.style.backgroundColor = "#727272"; *// Set background color to gray* } else {  
 select.style.backgroundColor = "rgb(0, 146, 69)"; *// Set background color to green* }  
});  
  
*// Function to populate form fields based on selected doctor*function *populate*() {  
 var sel = document.getElementById("doctorDescription");  
 var result = sel.options[sel.selectedIndex].value;  
 var details = sel.options[sel.selectedIndex].getAttribute("data-details");  
  
 if (result === "") {  
 *// Clear all fields if no doctor is selected* document.getElementById("doctorID").value = "";  
 document.getElementById("surname").value = "";  
 document.getElementById("firstName").value = "";  
 document.getElementById("surgeryAddress").value = "";  
 document.getElementById("surgeryEircode").value = "";  
 document.getElementById("surgeryTelephoneNumber").value = "";  
 document.getElementById("mobileTelephoneNumber").value = "";  
 document.getElementById("homeAddress").value = "";  
 document.getElementById("homeEircode").value = "";  
 document.getElementById("homeTelephoneNumber").value = "";  
 } else {  
 *// Populate fields with doctor details* var doctorDetails = details.split(',');  
 document.getElementById("doctorID").value = doctorDetails[0];  
 document.getElementById("surname").value = doctorDetails[1];  
 document.getElementById("firstName").value = doctorDetails[2];  
 document.getElementById("surgeryAddress").value = doctorDetails[3];  
 document.getElementById("surgeryEircode").value = doctorDetails[4];  
 document.getElementById("surgeryTelephoneNumber").value = doctorDetails[5];  
 document.getElementById("mobileTelephoneNumber").value =doctorDetails[6];  
 document.getElementById("homeAddress").value = doctorDetails[7];  
 document.getElementById("homeEircode").value = doctorDetails[8];  
 document.getElementById("homeTelephoneNumber").value = doctorDetails[9];  
 }  
}  
  
*// Function to toggle form field locks*function *toggleLock*() {  
 if(document.getElementById("amendViewButton").value === "AMEND") {  
 *// Enable fields for editing* document.getElementById("surname").disabled = false;  
 document.getElementById("firstName").disabled = false;  
 document.getElementById("surgeryAddress").disabled = false;  
 document.getElementById("surgeryEircode").disabled = false;  
 document.getElementById("surgeryTelephoneNumber").disabled = false;  
 document.getElementById("mobileTelephoneNumber").disabled = false;  
 document.getElementById("homeAddress").disabled = false;  
 document.getElementById("homeEircode").disabled = false;  
 document.getElementById("homeTelephoneNumber").disabled = false;  
 document.getElementById("amendViewButton").value = "VIEW"; *// Change button text* document.getElementById("amendViewButton").style.backgroundColor = "rgb(0, 146, 69)"; *// Change button background color* } else {  
 *// Disable fields for viewing* document.getElementById("surname").disabled = true;  
 document.getElementById("firstName").disabled = true;  
 document.getElementById("surgeryAddress").disabled = true;  
 document.getElementById("surgeryEircode").disabled = true;  
 document.getElementById("surgeryTelephoneNumber").disabled = true;  
 document.getElementById("mobileTelephoneNumber").disabled = true;  
 document.getElementById("homeAddress").disabled = true;  
 document.getElementById("homeEircode").disabled = true;  
 document.getElementById("homeTelephoneNumber").disabled = true;  
 document.getElementById("amendViewButton").value = "AMEND"; *// Change button text* document.getElementById("amendViewButton").style.backgroundColor = "#727272"; *// Change button background color* }  
}  
  
*// Event listener to show/hide message div on page load*document.addEventListener("DOMContentLoaded", function() {  
 var messageDiv = document.getElementById("amended");  
 var message = messageDiv.textContent || messageDiv.innerText;  
 if (message.trim().length > 1) {  
 messageDiv.style.display = "block"; *// Make sure the div is visible* messageDiv.scrollIntoView({ behavior: 'smooth', block: 'start' });  
 } else {  
 messageDiv.style.display = "none"; *// Hide div if no message* }  
});  
  
*// Function to confirm changes before submission*function *confirmChanges*(){  
 return *confirm*("Are you sure you want to make these changes?"); *// Display confirmation dialog and return user's choice*}  
  
*// Function to validate form submission*function *validateForm*(){  
 if(document.getElementById("amendViewButton").value === "AMEND"){  
 return false; *// Prevent form submission if in amend mode* }  
 return *confirmChanges*(); *// Otherwise, confirm changes before submission*}

#### amendViewDoctor.css

*/\*  
 Amend/View Doctor  
 CSS for the Screen  
 C00290945 Artemiy Maslov 02.2024  
\*/  
/\*  
 CSS for Doctor Form  
 C00290945 Artemiy Maslov 02.2024  
\*/  
  
/\* Body styling \*/*body {  
 font-family: "JetBrains Mono";  
 background-color: #727272;  
 height: 1200px;  
 padding: 0;  
 margin: 0;  
}  
  
*/\* Styling for links \*/*.link {  
 position: absolute;  
 width: fit-content;  
 height: 40px;  
}  
  
*/\* Header styling \*/*.header {  
 z-index: 1;  
 padding: 0;  
 margin: 0;  
 position: fixed;  
 width: 100%;  
 height: 150px;  
 background: rgb(114,114,114);  
 background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);  
}  
  
*/\* Logo styling \*/*.logo {  
 user-select: none;  
 position: absolute;  
 top: 5px;  
 left: 10px;  
}  
  
.logo:hover {  
 transform: scale(1.05);  
 transition-duration: .5s;  
}  
  
.logo:not(:hover) {  
 transform: scale(1);  
 transition-duration: .5s;  
}  
  
*/\* Logout button styling \*/*.logout {  
 user-select: none;  
 position: absolute;  
 top: -10px;  
 right: 0;  
}  
  
.logout:hover {  
 transform: scale(1.1);  
 transition-duration: .5s;  
}  
  
.logout:not(:hover) {  
 transform: scale(1);  
 transition-duration: .5s;  
}  
  
*/\* Navigation links styling \*/*.links {  
 display: none;  
 position: absolute;  
 width: 1200px;  
 height: 90px;  
 left: 420px;  
 top: 15px;  
}  
  
*/\* Menu styling \*/*.menu {  
 user-select: none;  
 position: fixed;  
 margin: 0;  
 color: white;  
 font-size: 64px;  
 font-weight: 800;  
}  
  
.menu:hover {  
 transform: scale(1.05);  
 transition-duration: .5s;  
}  
  
.menu:not(:hover){  
 transform: scale(1);  
 transition-duration: .5s;  
}  
  
*/\* Menu button styling \*/*.menu\_button {  
 position: absolute;  
 width: 170px;  
 height: 80px;  
 left: 170px;  
 top: 18px;  
 transition-duration: .5s;  
}  
  
*/\* Anchor tag styling \*/*a {  
 user-select: none;  
 text-decoration: none;  
 transition-duration: .1s;  
}  
  
a:hover {  
 font-weight: 800;  
 transition-duration: .1s;  
}  
  
*/\* Page styling \*/*.page {  
 user-select: none;  
 color: white;  
 font-size: 64px;  
 font-weight: 600;  
 margin: 0;  
}  
  
*/\* Page name styling \*/*.page\_name {  
 position: absolute;  
 top: 18px;  
 left: 575px;  
}  
  
*/\* Form line styling \*/*.form\_line {  
 display: flex;  
 flex-direction: row;  
 align-items: center;  
 justify-content: space-between;  
}  
  
*/\* Form styling \*/*form {  
 position: relative;  
 margin: auto;  
 height: 600px;  
 top: 200px;  
 color: white;  
 width: 70%;  
 user-select: none;  
}  
  
*/\* Label styling \*/*label {  
 font-size: 36px;  
 font-weight: 600;  
}  
  
*/\* Input and select element styling \*/*input[type="text"],  
input[type="number"],  
select {  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 24px;  
 font-weight: 400;  
 background-color: rgb(0,146,69);  
 width: 800px;  
 height: 30px;  
 padding: 10px;  
 margin: 12px 0;  
 border: 3px white solid;  
 border-radius: 8px;  
}  
  
*/\* Styling for button \*/*input[type="button"] {  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 36px;  
 font-weight: 600;  
 border: 3px white solid;  
 border-radius: 8px;  
 background-color: #727272;  
 margin-bottom: 30px;  
 margin-top: 10px;  
 transition-duration: .1s;  
 width: 155px;  
 height: 75px;  
 text-align: center;  
}  
  
input[type="button"]:hover {  
 font-weight: 800;  
 font-size: 40px;  
 border: 5px white solid;  
 transition-duration: .1s;  
}  
  
*/\* Styling for select element \*/*select {  
 width: 825px;  
 height: 56px;  
}  
  
*/\* Placeholder styling \*/*input::placeholder {  
 color: rgba(255, 255, 255, 0.5);  
}  
  
*/\* Valid option styling \*/*option:valid {  
 background-color: #727272;  
}  
  
*/\* Valid input styling \*/*input:valid {  
 background-color: #727272;  
}  
  
*/\* Submit button styling \*/*input[type="submit"] {  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 24px;  
 font-weight: 400;  
 margin-top: 50px;  
 width: 200px;  
 height: 50px;  
 border-radius: 8px;  
 border: 3px white solid;  
 cursor: pointer;  
 background-color: rgb(0,146,69);  
 transition-duration: .1s;  
}  
  
input[type="submit"]:hover, input[type="reset"]:hover {  
 opacity: 0.9;  
 font-size: 28px;  
 transition-duration: .1s;  
}  
  
*/\* Styling for amended message \*/*.amended {  
 display: none;  
 font-size: 36px;  
 font-weight: 600;  
}  
  
*/\* Styling for text within ok button \*/*.okText {  
 all: none;  
 color: white;  
 padding-top: 20px;  
 line-height: 50px;  
}  
  
*/\* Styling for ok button \*/*.okButton {  
 position: absolute;  
 left: 45%;  
 font-size: 24px;  
 font-weight: 400;  
 margin-top: -20px;  
 width: 195px;  
 height: 45px;  
 border-radius: 8px;  
 border: 3px white solid;  
 cursor: pointer;  
 background-color: rgb(0,146,69);  
 transition-duration: .1s;  
 text-align: center;  
}  
  
.okButton:hover {  
 opacity: 0.9;  
 font-size: 28px;  
 transition-duration: .1s;  
}

### Delete Doctor

A screenshot of a computer

Description automatically generated

#### deleteDoctor.php

*<!--  
 Delete Doctor  
 Deleting Doctor  
 C00290945 Artemiy Maslov 02.2024  
-->*<?php  
session\_start(); *// Start the session*include '../../../db.inc.php'; *// Include the database configuration file  
  
// Check if the reset action is requested*if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {  
 unset($\_SESSION['form\_submitted']); *// Unset the session variable  
 // Redirect to the same page without the query parameter to avoid accidental resets on refresh* header('Location: deleteDoctor.php');  
 exit; *// Terminate script execution*}  
  
$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : ''; *// Retrieve message from session or set empty string  
  
// Check if the form is submitted via POST and form submission session variable is not set*if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {  
 *// Construct SQL query to mark doctor as deleted based on provided doctor ID* $sql = "UPDATE Doctor SET isDeleted = '1' WHERE doctorID = '{$\_POST['doctorDescription']}'";  
  
 *// Execute SQL query* if (mysqli\_query($con, $sql)) {  
 *// Check if any rows were affected by the query* if (mysqli\_affected\_rows($con) > 0) {  
 $message = "RECORD DELETED SUCCESSFULLY. ID: ".$\_POST['doctorDescription']; *// Set success message* } else {  
 $message = "NO CHANGES WERE MADE TO THE RECORD. ID: ".$\_POST['doctorDescription']; *// Set message indicating no changes* }  
 } else {  
 $message = "An Error in the SQL Query: " . mysqli\_error($con); *// Set error message* }  
  
 $\_SESSION['form\_submitted'] = true; *// Set a session variable to indicate form submission*} elseif (isset($\_SESSION['form\_submitted'])) {  
 $message = "YOU HAVE ALREADY SUBMITTED THE FORM"; *// Message to show if the form was already submitted*}  
  
*// Clear form submission session variable if request method is not POST*if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {  
 unset($\_SESSION['form\_submitted']);  
 $message = ''; *// Clear message*}  
  
mysqli\_close($con); *// Close database connection*?>  
<!DOCTYPE html>  
<html lang="en">  
<head>  
 <link rel="stylesheet" href="deleteDoctor.css">  
 <title>Delete Doctor</title>  
</head>  
<body>  
  
<div class="header">  
 <div class="logo">  
 <a href="../../../menu.html"><img src="../../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a> *<!-- Logo -->* </div>  
  
 <div class="menu\_button" id="menu\_button">  
 <p class="menu">MENU</p>  
 </div>  
  
 <div class="page\_name">  
 <p class="page">DELETE DOCTOR</p>  
 </div>  
  
 <div class="links" id="links">  
  
 <div class="link" style="top: 5px; left: 0;">  
 <a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 0;">  
 <a style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>  
 </div>  
 Drug  
 <div class="link" style="top: 0; left: 350px">  
 <a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 350px">  
 <a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>  
 </div>  
  
 <div class="link" style="top: 0; left: 820px">  
 <a href="fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 820px">  
 <a style="margin: 0; color: white; font-size: 30px;" href="/PharmacyWebSystem/web /ReportsMenu/reportsMenu.html">REPORTS MENU</a>  
 </div>  
  
 </div>  
  
 <div class="logout">  
 <a href="../../../logIn.html"><img src="../../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a> *<!-- Logout button -->* </div>  
</div>  
  
<form method="post" onsubmit="return *validateForm*()">  
 <div class="form\_line">  
 <label for="doctorDescription">SELECT DOCTOR</label>  
 <select name="doctorDescription" id="doctorDescription" onclick="*populate*()" required>  
 <option value="">Select a doctor</option>  
 <?php  
 include '../../../db.inc.php'; *// Include the database configuration file  
  
 // Fetch doctors from the database* $sql = "SELECT doctorID, doctorSurname, doctorFirstname, surgeryAddress,  
 surgeryEircode, surgeryTelephoneNumber,  
 mobileTelephoneNumber, homeAddress,   
 homeEircode, homeTelephoneNumber FROM Doctor   
 WHERE Doctor.isDeleted = 0  
 ORDER BY doctorSurname ASC";  
 if (!empty($con)) {  
 $result = mysqli\_query($con, $sql);  
 }  
  
 *// Populate select options with doctor details* if ($result) {  
 while ($row = mysqli\_fetch\_assoc($result)) {  
 *// Combine all relevant details with a delimiter (comma)* $details = implode(',', $row);  
 echo '<option value="'.$row['doctorID'].'" data-details="'.$details.'">'.$row['doctorSurname'].'</option>'; *// Output option tag with doctor details* }  
 } else {  
 echo '<option value="">Failed to load doctors</option>'; *// Output failed to load doctors message* }  
  
 mysqli\_close($con); *// Close database connection* ?>  
 </select>  
 </div>  
  
  
 <div class="form\_line">  
 <label for="doctorID">DOCTOR ID</label>  
 <input type="text" id="doctorID" name="doctorID" required disabled>  
 </div>  
 <div class="form\_line">  
 <label for="surname">SURNAME</label>  
 <input type="text" id="surname" name="surname" pattern="[A-Za-z]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="firstName">FIRST NAME</label>  
 <input type="text" id="firstName" name="firstName" pattern="[A-Za-z]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="surgeryAddress">SURGERY ADDRESS</label>  
 <input type="text" id="surgeryAddress" name="surgeryAddress" pattern="[0-9A-Za-z\s]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="surgeryEircode">SURGERY EIRCODE</label>  
 <input type="text" id="surgeryEircode" name="surgeryEircode" pattern="^[A-Za-z\d]{3}\s?[A-Za-z\d]{4}$" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="surgeryTelephoneNumber">SURGERY TELEPHONE NUMBER</label>  
 <input type="text" id="surgeryTelephoneNumber" name="surgeryTelephoneNumber" pattern="[0-9\s+\-]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="mobileTelephoneNumber">MOBILE TELEPHONE NUMBER</label>  
 <input type="text" id="mobileTelephoneNumber" name="mobileTelephoneNumber" pattern="[0-9\s+\-]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="homeAddress">HOME ADDRESS</label>  
 <input type="text" id="homeAddress" name="homeAddress" pattern="[0-9A-Za-z\s]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="homeEircode">HOME EIRCODE</label>  
 <input type="text" id="homeEircode" name="homeEircode" pattern="^[A-Za-z\d]{3}\s?[A-Za-z\d]{4}$" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <label for="homeTelephoneNumber">HOME TELEPHONE NUMBER</label>  
 <input type="text" id="homeTelephoneNumber" name="homeTelephoneNumber" pattern="[0-9\s+\-]+" required disabled>  
 </div>  
  
 <div class="form\_line">  
 <span></span>  
 <input type="submit" value="DELETE" id="deleteButton"/>  
 </div>  
  
 *<!-- Display message after form submission -->* <div class="form\_line">  
 <div class="deleted" id="deleted">  
 <br><br><br>  
 <?php if (!empty($message)) : ?>  
 <p><?php echo $message; ?></p> *<!-- Display message -->  
 <!-- OK button to reset the message -->* <div class="okButton"><a href="deleteDoctor.php?action=resetMessage" class="okText">OK</a></div>  
 <?php endif; ?>  
 </div>  
 </div>  
</form>  
  
<script src="deleteDoctor.js"></script>  
</body>  
</html>

#### deleteDoctor.js

*/\*  
 Delete Doctor  
 JavaScript for the Screen  
 C00290945 Artemiy Maslov 02.2024  
\*/  
// Function to toggle display of navigation links and adjust MENU button size*document.getElementById('menu\_button').addEventListener('click', function() {  
 var links = document.querySelector('.links');  
 var menu\_button = document.querySelector('.menu\_button');  
 var page\_name = document.querySelector('.page\_name');  
 if (links.style.display === 'none' || links.style.display === '') {  
 links.style.display = 'block'; *// Show the links* menu\_button.style.transform = 'scale(1.2)'; *// Make the MENU larger* page\_name.style.display = 'none';  
 } else {  
 links.style.display = 'none'; *// Hide the links* menu\_button.style.transform = 'scale(1.05)'; *// Make the MENU smaller* page\_name.style.display = 'block';  
 }  
});  
  
*// Function to change background color of select element based on value*document.getElementById("doctorDescription").addEventListener("change", function () {  
 var select = this;  
 if (select.value !== "") {  
 select.style.backgroundColor = "#727272";  
 } else {  
 select.style.backgroundColor = "rgb(0, 146, 69)";  
 }  
});  
  
*// Function to populate form fields based on selected option*function *populate*() {  
 var sel = document.getElementById("doctorDescription");  
 var result = sel.options[sel.selectedIndex].value;  
 var details = sel.options[sel.selectedIndex].getAttribute("data-details");  
  
 if (result === "") {  
 *// Clear all fields if no stock item is selected* document.getElementById("doctorID").value = "";  
 document.getElementById("surname").value = "";  
 document.getElementById("firstName").value = "";  
 document.getElementById("surgeryAddress").value = "";  
 document.getElementById("surgeryEircode").value = "";  
 document.getElementById("surgeryTelephoneNumber").value = "";  
 document.getElementById("mobileTelephoneNumber").value = "";  
 document.getElementById("homeAddress").value = "";  
 document.getElementById("homeEircode").value = "";  
 document.getElementById("homeTelephoneNumber").value = "";  
 } else {  
 *// Split the details using the delimiter (comma)* var doctorDetails = details.split(',');  
 document.getElementById("doctorID").value = doctorDetails[0];  
 document.getElementById("surname").value = doctorDetails[1];  
 document.getElementById("firstName").value = doctorDetails[2];  
 document.getElementById("surgeryAddress").value = doctorDetails[3];  
 document.getElementById("surgeryEircode").value = doctorDetails[4];  
 document.getElementById("surgeryTelephoneNumber").value = doctorDetails[5];  
 document.getElementById("mobileTelephoneNumber").value = doctorDetails[6];  
 document.getElementById("homeAddress").value = doctorDetails[7];  
 document.getElementById("homeEircode").value = doctorDetails[8];  
 document.getElementById("homeTelephoneNumber").value = doctorDetails[9];  
 }  
}  
  
*// Function to handle content loading event*document.addEventListener("DOMContentLoaded", function() {  
 var messageDiv = document.getElementById("deleted");  
 var message = messageDiv.textContent || messageDiv.innerText;  
 if (message.trim().length > 1) {  
 messageDiv.style.display = "block"; *// Make sure the div is visible* messageDiv.scrollIntoView({ behavior: 'smooth', block: 'start' });  
 } else {  
 messageDiv.style.display = "none"; *// Hide div if no message* }  
});  
  
*// Function to confirm changes before deletion*function *confirmChanges*(){  
 return *confirm*("Are you sure you want to delete this item?"); *// Display confirmation dialog and return user's choice*}  
  
*// Function to validate form before deletion*function *validateForm*(){  
 var sel = document.getElementById("doctorDescription");  
 var details = sel.options[sel.selectedIndex].getAttribute("data-details");  
 var doctorDetails = details.split(',');  
 if(doctorDetails[2] > 0 && doctorDetails[5] > 0) {  
 *alert*("You can not delete this item");  
 return false;  
 }  
 return *confirmChanges*();  
}

#### deleteDoctor.css

*/\*  
 Delete Doctor  
 CSS for the Screen  
 C00290945 Artemiy Maslov 02.2024  
\*/  
/\* CSS styles for the body element \*/*body {  
 font-family: "JetBrains Mono";  
 background-color: #727272;  
 height: 1200px;  
 padding: 0;  
 margin: 0;  
}  
  
*/\* Styles for links \*/*.link {  
 position: absolute;  
 width: fit-content;  
 height: 40px;  
}  
  
*/\* Styles for header \*/*.header {  
 z-index: 1;  
 padding: 0;  
 margin: 0;  
 position: fixed;  
 width: 100%;  
 height: 150px;  
 background: rgb(114,114,114);  
 background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);  
}  
  
*/\* Styles for logo \*/*.logo {  
 user-select: none;  
 position: absolute;  
 top: 5px;  
 left: 10px;  
}  
  
*/\* Styles for logo hover \*/*.logo:hover {  
 transform: scale(1.05);  
 transition-duration: .5s;  
}  
  
*/\* Styles for logo not hover \*/*.logo:not(:hover) {  
 transform: scale(1);  
 transition-duration: .5s;  
}  
  
*/\* Styles for logout \*/*.logout {  
 user-select: none;  
 position: absolute;  
 top: -10px;  
 right: 0;  
}  
  
*/\* Styles for logout hover \*/*.logout:hover {  
 transform: scale(1.1);  
 transition-duration: .5s;  
}  
  
*/\* Styles for logout not hover \*/*.logout:not(:hover) {  
 transform: scale(1);  
 transition-duration: .5s;  
}  
  
*/\* Styles for links \*/*.links {  
 display: none;  
 position: absolute;  
 width: 1200px;  
 height: 90px;  
 left: 420px;  
 top: 15px;  
}  
  
*/\* Styles for menu \*/*.menu {  
 user-select: none;  
 position: fixed;  
 margin: 0;  
 color: white;  
 font-size: 64px;  
 font-weight: 800;  
}  
  
*/\* Styles for menu hover \*/*.menu:hover {  
 transform: scale(1.05);  
 transition-duration: .5s;  
}  
  
*/\* Styles for menu not hover \*/*.menu:not(:hover){  
 transform: scale(1);  
 transition-duration: .5s;  
}  
  
*/\* Styles for menu button \*/*.menu\_button {  
 position: absolute;  
 width: 170px;  
 height: 80px;  
 left: 170px;  
 top: 18px;  
 transition-duration: .5s;  
}  
  
*/\* Styles for links \*/*a {  
 user-select: none;  
 text-decoration: none;  
 transition-duration: .1s;  
}  
  
*/\* Styles for links hover \*/*a:hover {  
 font-weight: 800;  
 transition-duration: .1s;  
}  
  
*/\* Styles for page \*/*.page {  
 user-select: none;  
 color: white;  
 font-size: 64px;  
 font-weight: 600;  
 margin: 0;  
}  
  
*/\* Styles for page name \*/*.page\_name {  
 position: absolute;  
 top: 18px;  
 left: 600px;  
}  
  
*/\* Styles for form line \*/*.form\_line {  
 display: flex;  
 flex-direction: row;  
 align-items: center;  
 justify-content: space-between;  
}  
  
*/\* Styles for form \*/*form {  
 position: relative;  
 margin: auto;  
 height: 600px;  
 top: 200px;  
 color: white;  
 width: 70%;  
 user-select: none;  
}  
  
*/\* Styles for label \*/*label {  
 font-size: 36px;  
 font-weight: 600;  
}  
  
*/\* Styles for input fields \*/*input[type="text"],  
input[type="number"],  
select {  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 24px;  
 font-weight: 400;  
 background-color: rgb(0,146,69);  
 width: 800px;  
 height: 30px;  
 padding: 10px;  
 margin: 12px 0;  
 border: 3px white solid;  
 border-radius: 8px;  
}  
  
*/\* Styles for submit button \*/*input[type="submit"] {  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 36px;  
 font-weight: 600;  
 border: 3px white solid;  
 border-radius: 8px;  
 background-color: #727272;  
 margin-bottom: 30px;  
 margin-top: 20px;  
 transition-duration: .1s;  
 width: 175px;  
 height: 75px;  
 text-align: center;  
}  
  
*/\* Styles for submit button hover \*/*input[type="submit"]:hover {  
 font-weight: 800;  
 font-size: 40px;  
 border: 5px white solid;  
 transition-duration: .1s;  
}  
  
*/\* Styles for select element \*/*select {  
 width: 825px;  
 height: 56px;  
}  
  
*/\* Styles for valid option \*/*option:valid {  
 background-color: #727272;  
}  
  
*/\* Styles for input placeholder \*/*input::placeholder {  
 color: rgba(255, 255, 255, 0.5);  
}  
  
*/\* Styles for valid input \*/*input:valid {  
 background-color: #727272;  
}  
  
*/\* Styles for deleted message \*/*.deleted {  
 display: none;  
 font-size: 36px;  
 font-weight: 600;  
}  
  
*/\* Styles for OK button \*/*.okButton {  
 position: absolute;  
 left: 45%;  
 font-size: 24px;  
 font-weight: 400;  
 margin-top: -20px;  
 width: 195px;  
 height: 45px;  
 border-radius: 8px;  
 border: 3px white solid;  
 cursor: pointer;  
 background-color: rgb(0,146,69);  
 transition-duration: .1s;  
 text-align: center;  
}  
  
*/\* Styles for OK button hover \*/*.okButton:hover {  
 opacity: 0.9;  
 font-size: 28px;  
 transition-duration: .1s;  
}

### Customer Prescriptions Report

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

#### customerPrescriptionsReport.php

*<!--  
 Customer Prescription Report  
 Adding Customer Prescription Report  
 C00290945 Artemiy Maslov 03.2024  
-->*<!DOCTYPE html>  
<html lang="en">  
<head>  
 <link rel="stylesheet" href="customerPrescriptionsReport.css">  
 <title>Customer Prescriptions Report</title>  
  
</head>  
<body>  
  
<div class="header">  
 <div class="logo">  
 <a href="../../menu.html"><img src="/PharmacyWebSystem/web/Resources/logo6.png" width="110px" height="110px" alt="logo"></a>  
 </div>  
  
 <div class="menu\_button" id="menu\_button">  
 <p class="menu">MENU</p>  
 </div>  
  
 <div class="page\_name">  
 <p class="page">CUSTOMER PRESCRIPTIONS REPORT</p>  
 </div>  
  
 <div class="links" id="links">  
 <div class="link" style="top: 5px; left: 0;">  
 <a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 0;">  
 <a style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>  
 </div>  
  
 <div class="link" style="top: 0; left: 350px">  
 <a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 350px">  
 <a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>  
 </div>  
  
 <div class="link" style="top: 0; left: 820px">  
 <a href="../../FileMaintenanceMenu/fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>  
 </div>  
  
 <div class="link" style="top: 50px; left: 820px">  
 <a style="margin: 0; color: white; font-size: 30px;" href="../reportsMenu.html">REPORTS MENU</a>  
 </div>  
 </div>  
  
 <div class="logout">  
 <a href="/PharmacyWebSystem/web/logIn.html"><img src="/PharmacyWebSystem/web/Resources/logout3.png" width="160px" height="160px" alt="logo"></a>  
 </div>  
</div>  
  
<form method="post" name="reportForm" id="reportForm" onsubmit="return *checkDates*()">  
  
 <div class="form\_line">  
 <label for="customerDescription">SELECT CUSTOMER</label>  
 <select name="customerDescription" id="customerDescription" onchange="*enableDiv*()" >  
 <option value="default">Select a customer</option>  
 <?php  
 include '../../db.inc.php';  
 $sql = "SELECT `customerID`, `customerSurname`, `customerName`, `address`, `eircode`, `dateOfBirth`, `telephoneNumber` FROM Customer   
 WHERE Customer.isDeleted = 0  
 ORDER BY customerSurname ASC";  
  
 if (!empty($con)) {  
 $result = mysqli\_query($con, $sql);  
 }  
 if ($result) {  
 while ($row = mysqli\_fetch\_assoc($result)) {  
 *// Combine all relevant details with a delimiter (comma)* $details = implode(',', $row);  
 echo '<option value="'.$row['customerID'].'" data-details="'.$details.'">'.$row['customerSurname'].'</option>';  
 }  
 } else {  
 echo '<option value="">Failed to load customers</option>';  
 }  
  
  
  
 ?>  
 </select>  
 </div>  
 <div class="form\_line" >  
 <label for="startDatesDescription" style="display: none;" id="startDatesLabel">SELECT STARTING DATE</label>  
 <input type="date" id="startDatesDescription" name="startDatesDescription" style="display: none;" required >  
 </div>  
 <div class="form\_line" >  
 <label for="endDatesDescription" style="display: none;" id="endDatesLabel">SELECT ENDING DATE</label>  
 <input type="date" id="endDatesDescription" name="endDatesDescription" style="display: none;" required>  
 </div>  
 <div class="form\_line">  
 <input type="reset" value="CLEAR" name="reset">  
 <input type="submit" value="SEARCH" name="submit">  
 </div>  
  
 <input type='hidden' name='choice' id="choice" value ="date">  
 <?php  
  
 session\_start();  
 error\_reporting(*E\_ALL*);  
 ini\_set('display\_errors', 1);  
 include '../../db.inc.php';  
  
 *// Check if the reset action is requested* if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {  
 unset($\_SESSION['form\_submitted']); *// Unset the session variable  
 // Redirect to the same page without the query parameter to avoid accidental resets on refresh* header('Location: customerPrescriptionsReport.php');  
 exit; *// Terminate script execution* }  
  
 if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && $\_POST['customerDescription'] != "default") {  
 session\_destroy();  
 session\_start();  
 *// Construct SQL query to mark doctor as deleted based on provided doctor ID* date\_default\_timezone\_set("UTC");  
 $\_SESSION['date1'] = date("Y-m-d", strtotime($\_POST['startDatesDescription']));  
 $date1 = $\_SESSION['date1'];  
  
 $\_SESSION['date2'] = date("Y-m-d", strtotime($\_POST['endDatesDescription']));  
 $date2 = $\_SESSION['date2'];  
 $\_SESSION['customerID'] = $\_POST['customerDescription'];  
 $customerID = $\_SESSION['customerID'];  
 $\_SESSION['sql1'] = "SELECT dateOfPrescription, prescriptionID, doctorSurname, totalCost FROM Prescription JOIN  
 Doctor ON Doctor.doctorID = Prescription.doctorID JOIN Customer  
 ON Customer.customerID = Prescription.customerID  
 WHERE Prescription.customerID = '$customerID' AND  
 dateOfPrescription BETWEEN '$date1' AND '$date2' ORDER BY dateOfPrescription";  
  
 $\_SESSION['sql2'] = "SELECT dateOfPrescription, prescriptionID, doctorSurname, totalCost FROM Prescription JOIN  
 Doctor ON Doctor.doctorID = Prescription.doctorID JOIN Customer  
 ON Customer.customerID = Prescription.customerID  
 WHERE Prescription.customerID = '$customerID' AND  
 dateOfPrescription BETWEEN '$date1' AND '$date2' ORDER BY doctorSurname";  
  
 $\_SESSION['sql3'] = "SELECT dateOfPrescription, prescriptionID, doctorSurname, totalCost FROM Prescription JOIN  
 Doctor ON Doctor.doctorID = Prescription.doctorID JOIN Customer  
 ON Customer.customerID = Prescription.customerID  
 WHERE Prescription.customerID = '$customerID' AND  
 dateOfPrescription BETWEEN '$date1' AND '$date2' ORDER BY totalCost";  
  
 $\_SESSION['sql'] = "SELECT dateOfPrescription, prescriptionID, doctorSurname, totalCost FROM Prescription JOIN  
 Doctor ON Doctor.doctorID = Prescription.doctorID JOIN Customer  
 ON Customer.customerID = Prescription.customerID  
 WHERE Prescription.customerID = '$customerID' AND  
 dateOfPrescription BETWEEN '$date1' AND '$date2' ORDER BY dateOfPrescription";  
 }  
 $message = isset($\_SESSION['message']) ? $\_SESSION['message'] : ''; *// Retrieve message from session or set empty string  
  
 // Check if the form is submitted via POST and form submission session variable is not set* if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {  
  
 $sql = $\_SESSION['sql'];  
 if (mysqli\_query($con, $sql)) {  
 *// Check if any rows were affected by the query* if (mysqli\_affected\_rows($con) > 0) {  
 $message = "DETAILS FOR PROVIDED CREDENTIALS:";  
  
 } else {  
 $message = "NO ENTRIES FOUND FOR PROVIDED CREDENTIALS"; *// Set message indicating no changes* }  
 } else {  
 $message = "An Error in the SQL Query: " . mysqli\_error($con); *// Set error message* }  
 $\_SESSION['message'] = $message;  
  
 $\_SESSION['form\_submitted'] = true; *// Set a session variable to indicate form submission* }  
  
 *//Function to produce a report based on the provided SQL query* function produceReport($con, $sql) {  
 *// Execute SQL query* $result = mysqli\_query($con, $sql);  
 if (mysqli\_affected\_rows($con) == 0){  
 $message = "NO ENTRIES FOUND FOR PROVIDED CREDENTIALS";  
 }  
 echo "<input type='number' id='searchById' placeholder='Search by ID'>  
 <button onclick='search()' id='searchButton'>SEARCH</button><br>";  
 echo "  
 <input type='button' id='dateButton' class='disabled\_button' value='Date Of Prescription Order' onclick='dateOrder()' >  
 <input type='button' id='doctorButton' value='Doctor Surname Order' onclick='surnameOrder()' >  
 <input type='button' id='costButton' value='Cost Order' onclick='costOrder()'>  
 <br><br>";  
 *// Output table headers* echo "<table>  
 <tr><th>Date Of Prescription </th><th> Prescription ID </th><th> Doctor Name </th><th> Total Cost </th></tr>";  
 *// Loop through query results and output table rows* while ($row = mysqli\_fetch\_array($result)) {  
 *// Format date of birth as desired* $date = date\_create($row['dateOfPrescription']);  
 $formattedDate = date\_format($date, "d/m/Y");  
 *// Output table row with person details* echo "<tr>  
 <td>".$formattedDate."</td>  
 <td>".$row['prescriptionID']."</td>  
 <td>".$row['doctorSurname']."</td>  
 <td>".$row['totalCost']."</td>  
 <td><button value='".$row['prescriptionID']."' id='".$row['prescriptionID']."' onclick='openButton(this)'>OPEN</button></td>  
 </tr>";  
 }  
 *// Close table* echo "</table>";  
 }  
  
 *//Function to produce a prescription report based on the provided SQL query* function producePrescriptionReport($con, $sql) {  
 *// Execute SQL query* $result = mysqli\_query($con, $sql);  
 *// Output table headers* echo "<table>  
 <tr><th>Brand Name</th><th>Size of Dosage</th><th>Quantity</th><th>Frequency of Dosage</th><th>Length of Dosage</th><th>Doctor's Instructions</th></tr>";  
 *// Loop through query results and output table rows* while ($row = mysqli\_fetch\_array($result)) {  
 *// Output table row with person details* echo "<tr>  
 <td>".$row['drugName']."</td>  
 <td>".$row['sizeOfDosage']."</td>  
 <td>".$row['quantityOfDosage']."</td>  
 <td>".$row['frequencyOfDosage']."</td>  
 <td>".$row['lengthOfDosage']."</td>  
 <td>".$row['instructions']."</td>  
 </tr>";  
  
 }  
 *// Close table* echo "</table>";  
 echo"<br><br>";  
 echo"<button onclick='navigateBack()' id='back'>OK</button>";  
  
 }  
  
 mysqli\_close($con);  
 ?>  
  
 <?php  
 include '../../db.inc.php';  
  
 if ($\_SERVER["REQUEST\_METHOD"] == "POST" && isset($\_SESSION['form\_submitted'])){  
 $choice = $\_POST['choice'];  
 if(!empty($message) && $choice != 'nothing'){  
 echo "<p>$message</p>";  
 }  
  
 if($choice == 'date' || $choice == 'default'){  
 *// echo "<p>first if</p>";* $sql1 = $\_SESSION['sql1'];  
 produceReport($con, $sql1);?>  
 <script>  
 *// Disable date button if DOB order is chosen* document.getElementById("dateButton").disabled = true;  
 document.getElementById("doctorButton").disabled = false;  
 document.getElementById("costButton").disabled = false;  
 document.getElementById("dateButton").style.background = "#727272";  
 document.getElementById("doctorButton").style.background = "rgb(0, 146, 69)";  
 document.getElementById("costButton").style.background = "rgb(0, 146, 69)";  
 </script>  
 <?php  
 }  
 elseif($choice == 'Surname'){  
 *// echo "<p>second if</p>";* $sql2 = $\_SESSION['sql2'];  
 produceReport($con, $sql2);  
 ?>  
 <script>  
 *// Disable date button if DOB order is chosen* document.getElementById("dateButton").disabled = false;  
 document.getElementById("doctorButton").disabled = true;  
 document.getElementById("costButton").disabled = false;  
 document.getElementById("doctorButton").style.background = "#727272";  
 document.getElementById("costButton").style.background = "rgb(0, 146, 69)";  
 document.getElementById("dateButton").style.background = "rgb(0, 146, 69)";  
 </script>  
 <?php  
 }  
 elseif($choice == 'Cost'){  
 $sql3 = $\_SESSION['sql3'];  
 produceReport($con, $sql3);  
 ?>  
 <script>  
 *// Disable date button if DOB order is chosen* document.getElementById("dateButton").disabled = false;  
 document.getElementById("doctorButton").disabled = false;  
 document.getElementById("costButton").disabled = true;  
 document.getElementById("doctorButton").style.background = "rgb(0, 146, 69)";  
 document.getElementById("costButton").style.background = "#727272";  
 document.getElementById("dateButton").style.background = "rgb(0, 146, 69)";  
 </script>  
 <?php  
 }  
 else if($choice == 'nothing'){  
 echo"<script>console.log('nothing');</script>";  
 }  
 else{  
 $prescriptionSql = "SELECT drugName, sizeOfDosage, quantityOfDosage, frequencyOfDosage, lengthOfDosage, instructions FROM Drug\_to\_Prescription  
 WHERE prescriptionID = '$choice'";  
 producePrescriptionReport($con, $prescriptionSql);  
 }  
 }  
 mysqli\_close($con);  
 ?>  
</form>  
  
<script src="customerPrescriptionsReport.js"></script>  
</body>  
</html>

#### customerPrescriptionsReposrt.js

*/\*  
 Customer Prescription Report  
 JavaScript for the Screen  
 C00290945 Artemiy Maslov 03.2024  
\*/  
// Get the select element*var selectElement = document.getElementById("customerDescription");  
  
*// Function to toggle display of links and adjust menu button size*document.getElementById('menu\_button').addEventListener('click', function() {  
 var links = document.querySelector('.links');  
 var menu\_button = document.querySelector('.menu\_button');  
 var page\_name = document.querySelector('.page\_name');  
 if (links.style.display === 'none' || links.style.display === '') {  
 links.style.display = 'block'; *// Show the links* menu\_button.style.transform = 'scale(1.2)'; *// Make the MENU larger* page\_name.style.display = 'none';  
 } else {  
 links.style.display = 'none'; *// Hide the links* menu\_button.style.transform = 'scale(1.05)'; *// Make the MENU smaller* page\_name.style.display = 'block';  
 }  
});  
  
*// Function to show/hide start and end date inputs based on selection*function *populate*() {  
 var select = document.getElementById("customerDescription");  
 var startDatesDescription = document.getElementById("startDatesDescription");  
 var endDatesDescription = document.getElementById("endDatesDescription");  
 var selectedValue = select.value;  
 if (selectedValue === 'default') {  
 startDatesDescription.style.display = 'none';  
 endDatesDescription.style.display = 'none';  
 } else {  
 startDatesDescription.style.display = 'block';  
 endDatesDescription.style.display = 'block';  
 }  
}  
  
*// Function to enable/disable date inputs based on selection*function *enableDiv*() {  
 var select = document.getElementById('customerDescription');  
 var selectOption = select.options[selectElement.selectedIndex];  
 var startDiv = document.getElementById('startDatesDescription');  
 var endDiv = document.getElementById('endDatesDescription');  
 var startLabel = document.getElementById('startDatesLabel');  
 var endLabel = document.getElementById('endDatesLabel');  
 if(selectOption.value != "default") {  
 startDiv.style.display = 'block';  
 startLabel.style.display = 'block';  
 endDiv.style.display = 'block';  
 endLabel.style.display = 'block';  
 } else {  
 startDiv.style.display = 'none';  
 startLabel.style.display = 'none';  
 endDiv.style.display = 'none';  
 endLabel.style.display = 'none';  
 }  
}  
  
*// Function to check if end date is after start date*function *checkDates*(){  
 var date1 = new Date(document.getElementById("startDatesDescription").value);  
 var date2 = new Date(document.getElementById("endDatesDescription").value);  
 if(date1 >= date2) {  
 *alert*("Ending date must be after starting date!");  
 return false;  
 }  
 return true;  
}  
  
*// Function to handle form submission*function *onSubmit*(){  
 *checkDates*();  
}  
  
*// Functions to set sorting options and trigger form submission*function *dateOrder*(){  
 document.reportForm.choice.value = "date";  
 var form = document.getElementById("reportForm");  
 var submitEvent = new *Event*("submit");  
 form.dispatchEvent(submitEvent);  
}  
function *surnameOrder*(){  
 document.reportForm.choice.value = "Surname";  
 var form = document.getElementById("reportForm");  
 var submitEvent = new *Event*("submit");  
 form.dispatchEvent(submitEvent);  
}  
function *costOrder*(){  
 document.reportForm.choice.value = "Cost";  
 var form = document.getElementById("reportForm");  
 var submitEvent = new *Event*("submit");  
 form.dispatchEvent(submitEvent);  
}  
  
*// Function to handle 'OPEN' button click and trigger form submission*function *openButton*(button){  
 document.reportForm.choice.value = button.value;  
 document.getElementById("startDatesDescription").removeAttribute("required");  
 document.getElementById("endDatesDescription").removeAttribute("required");  
 var form = document.getElementById("reportForm");  
 var submitEvent = new *Event*("submit");  
 form.dispatchEvent(submitEvent);  
}  
  
*// Function to navigate back and trigger form submission*function *navigateBack*(){  
 document.reportForm.choice.value = "nothing";  
 document.getElementById("startDatesDescription").removeAttribute("required");  
 document.getElementById("endDatesDescription").removeAttribute("required");  
 var form = document.getElementById("reportForm");  
 var submitEvent = new *Event*("submit");  
 form.dispatchEvent(submitEvent);  
}  
  
*// Function to perform search and trigger form submission*function *search*(){  
 document.reportForm.choice.value = document.getElementById("searchById").value;  
 document.getElementById("startDatesDescription").removeAttribute("required");  
 document.getElementById("endDatesDescription").removeAttribute("required");  
 var form = document.getElementById("reportForm");  
 var submitEvent = new *Event*("submit");  
 form.dispatchEvent(submitEvent);  
}

#### customerPrescriptionsReposrt.css

*/\*  
 Customer Prescription Report  
 CSS for the Screen  
 C00290945 Artemiy Maslov 03.2024  
\*/*

*/\* Body styles \*/*body {  
 font-family: "JetBrains Mono";  
 background-color: #727272;  
 height: 1200px;  
 padding: 0;  
 margin: 0;  
}  
  
*/\* Link styles \*/*.link {  
 position: absolute;  
 width: fit-content;  
 height: 40px;  
}  
  
*/\* Header styles \*/*.header {  
 z-index: 1;  
 padding: 0;  
 margin: 0;  
 position: fixed;  
 width: 100%;  
 height: 150px;  
 background: rgb(114,114,114);  
 background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);  
}  
  
*/\* Logo styles \*/*.logo {  
 user-select: none;  
 position: absolute;  
 top: 5px;  
 left: 10px;  
}  
  
.logo:hover {  
 transform: scale(1.05);  
 transition-duration: .5s;  
}  
  
.logo:not(:hover) {  
 transform: scale(1);  
 transition-duration: .5s;  
}  
  
*/\* Logout styles \*/*.logout {  
 user-select: none;  
 position: absolute;  
 top: -10px;  
 right: 0;  
}  
  
.logout:hover {  
 transform: scale(1.1);  
 transition-duration: .5s;  
}  
  
.logout:not(:hover) {  
 transform: scale(1);  
 transition-duration: .5s;  
}  
  
*/\* Links container styles \*/*.links {  
 display: none;  
 position: absolute;  
 width: 1200px;  
 height: 90px;  
 left: 420px;  
 top: 15px;  
}  
  
*/\* Menu styles \*/*.menu {  
 user-select: none;  
 position: fixed;  
 margin: 0;  
 color: white;  
 font-size: 64px;  
 font-weight: 800;  
}  
  
.menu:hover {  
 transform: scale(1.05);  
 transition-duration: .5s;  
}  
  
.menu:not(:hover){  
 transform: scale(1);  
 transition-duration: .5s;  
}  
  
*/\* Menu button styles \*/*.menu\_button {  
 position: absolute;  
 width: 170px;  
 height: 80px;  
 left: 170px;  
 top: 18px;  
 transition-duration: .5s;  
}  
  
  
*/\* Link styles \*/*a {  
 user-select: none;  
 text-decoration: none;  
 transition-duration: .1s;  
}  
  
*/\* Hover styles for links \*/*a:hover {  
 font-weight: 800;  
 transition-duration: .1s;  
}  
  
*/\* Page styles \*/*.page {  
 user-select: none;  
 color: white;  
 font-size: 64px;  
 font-weight: 600;  
 margin: 0;  
}  
  
*/\* Page name styles \*/*.page\_name {  
 position: absolute;  
 top: 18px;  
 left: 575px;  
}  
  
*/\* Form line styles \*/*.form\_line {  
 display: flex;  
 flex-direction: row;  
 align-items: center;  
 justify-content: space-between;  
 gap: 50px;  
}  
  
*/\* Form styles \*/*form {  
 position: relative;  
 margin: auto;  
 height: auto;  
 top: 200px;  
 color: white;  
 width: 70%;  
 user-select: none;  
}  
  
*/\* Label styles \*/*label {  
 font-size: 36px;  
 font-weight: 600;  
}  
  
*/\* Input and select styles \*/*input[type="text"],  
input[type="number"],  
input[type="date"],  
select {  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 24px;  
 font-weight: 400;  
 background-color: rgb(0,146,69);  
 width: 800px;  
 height: 30px;  
 padding: 10px;  
 margin: 12px 0;  
 border: 3px white solid;  
 border-radius: 8px;  
}  
  
*/\* Select styles \*/*select {  
 width: 825px;  
 height: 56px;  
}  
  
*/\* Valid option styles \*/*option:valid {  
 background-color: #727272;  
}  
  
*/\* Placeholder styles for input \*/*input::placeholder {  
 color: rgba(255, 255, 255, 0.5);  
}  
  
*/\* Valid input styles \*/*input:valid {  
 background-color: #727272;  
}  
  
*/\* Button styles \*/*input[type="button"] {  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 24px;  
 font-weight: 400;  
 margin-top: 50px;  
 width: auto;  
 height: 50px;  
 border-radius: 8px;  
 border: 3px white solid;  
 cursor: pointer;  
 background-color: rgb(0,146,69);  
 transition-duration: .1s;  
}  
  
*/\* General button styles \*/*button {  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 15px;  
 background-color: rgb(0,146,69);  
 border: 2px white solid;  
 border-radius: 5px;  
}  
  
*/\* Submit and reset button styles \*/*input[type="submit"],  
input[type="reset"] {  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 24px;  
 font-weight: 400;  
 margin-top: 50px;  
 width: 200px;  
 height: 50px;  
 border-radius: 8px;  
 border: 3px white solid;  
 cursor: pointer;  
 background-color: rgb(0,146,69);  
 transition-duration: .1s;  
}  
  
*/\* Reset button background color \*/*input[type="reset"] {  
 background-color: #727272;  
}  
  
*/\* Hover styles for buttons \*/*input[type="submit"]:hover,  
input[type="reset"]:hover,  
input[type="button"]:hover {  
 opacity: 0.9;  
 font-size: 25px;  
 transition-duration: .1s;  
}  
  
*/\* Disabled state styles \*/*[data-disabled="true"] {  
 pointer-events: none; */\* Disable pointer events \*/* opacity: 0.5; */\* Reduce opacity to visually indicate disabled state \*/*}  
*/\*CSS for back id\*/*#back{  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 25px;  
 background-color: rgb(0,146,69);  
 border: 3px white solid;  
 border-radius: 8px;  
}  
*/\*CSS for searchButton id\*/*#searchButton{  
 font-family: "JetBrains Mono";  
 color: white;  
 font-size: 25px;  
 background-color: rgb(0,146,69);  
 border: 3px white solid;  
 border-radius: 8px;  
 height: 56px;  
}  
*/\*CSS for tag p\*/*p{  
 font-size: 25px;  
}  
*/\* CSS for table \*/*table {  
 width: 100%;  
 border-collapse: collapse;  
 border-spacing: 0;  
 font-family: Arial, sans-serif;  
}  
  
*/\* CSS for table header \*/*th {  
 background-color: #727272;  
 color: white;  
 text-align: left;  
 padding: 8px;  
 font-size: 24px; */\* Font size increased to 24px \*/*}  
  
*/\* CSS for table data \*/*td {  
 border-bottom: 1px solid #ddd;  
 padding: 4px; */\* Reduced padding to make columns closer \*/* color: white;  
 font-size: 24px; */\* Font size increased to 24px \*/*}  
*/\*CSS for disabled\_button class\*/*.disabled\_button{  
 background-color: #727272;  
}

## Nebojsa Kukic’s Work

### [Add Drug](#_Add_Drug)

A screenshot of a computer

Description automatically generated

#### [addDrug.php](#_Add_Drug)

<!--

// Author : Nebojsa Kukic

// Date : 23/02/2024

// Purpose : Add a Drug to the Drug Table.

// : This is the html and php

-->

<?php

session\_start(); // Start the session

include '../../../db.inc.php';

// Check if the reset action is requested

if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {

unset($\_SESSION['form\_submitted']);

// Redirect to the same page without the query parameter to avoid accidental resets on refresh

header('Location: addDrug.php');

exit;

}

$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : '';

if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {

// Fetch the highest current DrugID

$sql = "SELECT MAX(drugID) AS MaxDrugID FROM drug";

$result = mysqli\_query($con, $sql);

$row = mysqli\_fetch\_assoc($result);

$maxDrugID = $row['MaxDrugID'];

// Increment the drugID by 1 for the new record

$newDrugID = $maxDrugID + 1;

// These are the values which will be submitted into the DB, making vars

$supplierID = $\_POST['supplierID'];

$brandName = $\_POST['brandName'];

$genericName = $\_POST['genericName'];

$drugForm = $\_POST['drugForm'];

$drugStrength = $\_POST['drugStrength'];

$usageInstructions = $\_POST['usageInstructions'];

$sideEffects = $\_POST['sideEffects'];

$costPrice = $\_POST['costPrice'];

$retailPrice = $\_POST['retailPrice'];

$reorderLevel = $\_POST['reorderLevel'];

$reorderQuantity = $\_POST['reorderQuantity'];

// Inserting the vars into the drug table

$sql = "INSERT INTO drug (drugID, supplierID, brandName, genericName, drugForm, drugStrength, usageInstructions, sideEffects, costPrice, retailPrice, reorderLevel, reorderQuantity) VALUES ('$newDrugID', '$supplierID', '$brandName', '$genericName', '$drugForm', '$drugStrength', '$usageInstructions', '$sideEffects', '$costPrice', '$retailPrice', '$reorderLevel', '$reorderQuantity')";

if (mysqli\_query($con, $sql)) {

$message = "A NEW DRUG ITEM HAS BEEN ADDED - ID: $newDrugID";

} else {

$message = "An Error in the SQL Query: " . mysqli\_error($con);

}

$drugID = mysqli\_insert\_id($con);

$\_SESSION['form\_submitted'] = true; // Set a session variable to indicate form submission

} elseif (isset($\_SESSION['form\_submitted'])) {

$message = "YOU HAVE ALREADY SUBMITTED THE FORM"; // Message to show if the form was already submitted

}

// Clear the form submission flag when displaying the form again

if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {

unset($\_SESSION['form\_submitted']);

$message = '';

}

mysqli\_close($con);

?>

<!DOCTYPE html>

<html lang="en">

<head>

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

<title>Add Drug Item</title>

</head>

<body>

<div class="header">

<div class="logo">

<a href="../../../menu.html"><img src="../../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

</div>

<div class="menu\_button" id="menu\_button">

<p class="menu">MENU</p>

</div>

<div class="page\_name">

<p class="page">ADD DRUG ITEM FORM</p>

</div>

<div class="links" id="links">

<div class="link" style="top: 5px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

</div>

<div class="link" style="top: 50px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

</div>

<div class="link" style="top: 0; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

</div>

<div class="link" style="top: 50px; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

</div>

<div class="link" style="top: 0; left: 820px">

<a href="../../fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

</div>

<div class="link" style="top: 50px; left: 820px">

<a style="margin: 0; color: white; font-size: 30px;">REPORTS MENU</a>

</div>

</div>

<div class="logout">

<a href="../../../logIn.html"><img src="../../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

</div>

</div>

<form method="post" id="formID" onsubmit="return validateForm()">

<div class="form\_line">

<label for="brandName">BRAND NAME</label>

<input type="text" id="brandName" name="brandName" pattern="[A-Za-z., ]+" required>

</div>

<div class="form\_line">

<label for="genericName">GENERIC NAME</label>

<input type="text" id="genericName" name="genericName" pattern="[A-Za-z., ]+" required>

</div>

<div class="form\_line">

<label for="drugForm">DRUG FORM</label>

<input type="text" id="drugForm" name="drugForm" pattern="[A-Za-z., ]+" required>

</div>

<div class="form\_line">

<label for="drugStrength">DRUG STRENGTH</label>

<input type="text" id="drugStrength" name="drugStrength" pattern="[A-Za-z., ]+" required>

</div>

<div class="form\_line">

<label for="usageInstructions">USAGE INSTRUCTIONS</label>

<input type="text" id="usageInstructions" name="usageInstructions" pattern="[A-Za-z., ]+" required>

</div>

<div class="form\_line">

<label for="sideEffects">SIDE EFFECTS</label>

<input type="text" id="sideEffects" name="sideEffects" pattern="[A-Za-z ]+" required>

</div>

<div class="form\_line">

<label for="costPrice">COST PRICE</label>

<input type="number" id="costPrice" name="costPrice" min="0.01" step=".01" required>

</div>

<div class="form\_line">

<label for="retailPrice">RETAIL PRICE</label>

<input type="number" id="retailPrice" name="retailPrice" min="0.01" step=".01" required>

</div>

<div class="form\_line">

<label for="reorderLevel">REORDER LEVEL</label>

<input type="number" id="reorderLevel" name="reorderLevel" min="1" required>

</div>

<div class="form\_line">

<label for="supplierID">Supplier Name:</label>

<select name="supplierID" id="supplierID" required>

<option value="">Select a Supplier</option>

<?php

include '../../../db.inc.php';

// Query to fetch all suppliers

// If the supplier is deleted, then don't display them.

$sql = "SELECT supplierID, supplierName FROM supplier WHERE isDeleted = 0 ORDER BY supplierName ASC";

$result = mysqli\_query($con, $sql);

// Check if the query was successful and returned rows

if($result && mysqli\_num\_rows($result) > 0){

// Loop through each supplier and create an option element

while($row = mysqli\_fetch\_assoc($result)){

echo '<option value="'.htmlspecialchars($row['supplierID']).'">'.htmlspecialchars($row['supplierName']).'</option>';

}

} else { // in case the suppliers table is empty...

// Inform the user that no suppliers are available

echo '<option value="">No suppliers available</option>';

}

?>

</select>

</div>

<div class="form\_line">

<label for="reorderQuantity">REORDER QUANTITY</label>

<input type="number" id="reorderQuantity" name="reorderQuantity" min="1" required>

</div>

<div class="form\_line">

<input type="reset" value="CLEAR" name="reset"/>

<input type="submit" value="ADD" name="submit"/>

</div>

<div class="form\_line">

<div>

<br><br><br>

<label><?php if (!empty($message)) : ?>

<p><?php echo $message; ?></p>

<!-- OK button to reset the message -->

<div class="okButton"><a href="addDrug.php?action=resetMessage" class="okText">OK</a></div>

<?php endif; ?>

</label>

</div>

</div>

</form>

<script src="addDrug.js"></script>

</body>

</html>

#### addDrug.js

// Author : Nebojsa Kukic

// Date : 23/02/2024

// Purpose : Add a Drug to the Drug Table.

// : This is the javascript

// Wait for the entire content of the web page to load before running the script

document.addEventListener('DOMContentLoaded', function() {

// Grab references to each input and the form itself by their respective IDs

const form = document.getElementById('formID');

const brandName = document.getElementById('brandName');

const genericName = document.getElementById('genericName');

const drugForm = document.getElementById('drugForm');

const drugStrength = document.getElementById('drugStrength');

const usageInstructions = document.getElementById('usageInstructions');

const sideEffects = document.getElementById('sideEffects');

const costPrice = document.getElementById('costPrice');

const retailPrice = document.getElementById('retailPrice');

const reorderLevel = document.getElementById('reorderLevel');

const reorderQuantity = document.getElementById('reorderQuantity');

// Event listener for the menu button for toggling visibility of links

document.getElementById('menu\_button').addEventListener('click', function() {

var links = document.querySelector('.links');

var menu\_button = document.querySelector('.menu\_button');

var page\_name = document.querySelector('.page\_name');

// Toggle links display and adjust menu button appearance

if (links.style.display === 'none' || links.style.display === '') {

links.style.display = 'block'; // Show links if hidden

menu\_button.style.transform = 'scale(1.2)'; // Enlarge menu button

page\_name.style.display = 'none'; // Hide the page name during menu display

} else {

links.style.display = 'none'; // Hide links if shown

menu\_button.style.transform = 'scale(1.05)'; // Return menu button size to normal

page\_name.style.display = 'block'; // Show the page name when menu is not displayed

}

});

// Validate each input field on input event

brandName.addEventListener('input', function() {

this.setCustomValidity('');

if (!this.checkValidity()) {

this.setCustomValidity("Please enter a valid first name using alphabetic characters only.");

}

});

genericName.addEventListener('input', function() {

this.setCustomValidity('');

if (!this.checkValidity()) {

this.setCustomValidity("Please enter a valid surname using alphabetic characters only.");

}

});

drugForm.addEventListener('input', function() {

this.setCustomValidity('');

if (!this.checkValidity()) {

this.setCustomValidity("Please enter a valid address.");

}

});

drugStrength.addEventListener('input', function() {

this.setCustomValidity('');

if (!this.checkValidity()) {

this.setCustomValidity("Please enter a valid Eircode, e.g., A12BC34.");

}

});

usageInstructions.addEventListener('input', function() {

this.setCustomValidity('');

if (!validateAge(this.value)) {

this.setCustomValidity("Invalid date of birth. The age must be more than 1 day and less than 100 years.");

}

});

sideEffects.addEventListener('input', function() {

this.setCustomValidity('');

if (!this.checkValidity()) {

this.setCustomValidity("Please enter a valid telephone number in the format (123) 456-7890.");

}

});

costPrice.addEventListener('input', function() {

this.setCustomValidity('');

if (!this.checkValidity()) {

this.setCustomValidity("Please enter a valid telephone number in the format (123) 456-7890.");

}

});

retailPrice.addEventListener('input', function() {

this.setCustomValidity('');

if (!this.checkValidity()) {

this.setCustomValidity("Please enter a valid telephone number in the format (123) 456-7890.");

}

});

reorderLevel.addEventListener('input', function() {

this.setCustomValidity('');

if (!this.checkValidity()) {

this.setCustomValidity("Please enter a valid telephone number in the format (123) 456-7890.");

}

});

reorderQuantity.addEventListener('input', function() {

this.setCustomValidity('');

if (!this.checkValidity()) {

this.setCustomValidity("Please enter a valid telephone number in the format (123) 456-7890.");

}

});

// Prevent form submission until all validations pass

form.addEventListener('submit', function(event) {

event.preventDefault(); // Stop form from submitting immediately

if (validateForm()) {

form.submit(); // Submit form if all validations pass

}

});

// Function to check the validity of all fields

function validateForm() {

// Force the browser to display validation messages for all fields

brandName.reportValidity();

genericName.reportValidity();

drugForm.reportValidity();

drugStrength.reportValidity();

usageInstructions.reportValidity();

sideEffects.reportValidity();

costPrice.reportValidity();

retailPrice.reportValidity();

reorderLevel.reportValidity();

reorderQuantity.reportValidity();

// Return true if all fields are valid, else false

return brandName.checkValidity() && genericName.checkValidity() && drugForm.checkValidity() &&

drugStrength.checkValidity() && usageInstructions.checkValidity() && sideEffects.checkValidity() &&

costPrice.checkValidity() && retailPrice.checkValidity() && reorderLevel.checkValidity() && reorderQuantity.checkValidity();

}

});

#### addDrug.css

/\*

// Author : Nebojsa Kukic

// Date : 23/02/2024

// Purpose : Add a Drug to the Drug Table.

// : This is the css

\*/

/\* CSS styles for the body element \*/

body {

font-family: "JetBrains Mono";

background-color: #727272;

height: 1050px;

padding: 0;

margin: 0;

}

/\* Styles for links \*/

.link {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Styles for header \*/

.header {

z-index: 1;

padding: 0;

margin: 0;

position: fixed;

width: 100%;

height: 150px;

background: rgb(114,114,114);

background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);

}

/\* Styles for logo \*/

.logo {

user-select: none;

position: absolute;

top: 5px;

left: 10px;

}

/\* Styles for logo hover \*/

.logo:hover {

transform: scale(1.05);

transition-duration: .1s;

}

/\* Styles for logo not hover \*/

.logo:not(:hover) {

transform: scale(1);

transition-duration: .9s;

}

/\* Styles for logout \*/

.logout {

user-select: none;

position: absolute;

top: -10px;

right: 0;

}

/\* Styles for logout hover \*/

.logout:hover {

transform: scale(1.1);

transition-duration: .1s;

}

/\* Styles for logout not hover \*/

.logout:not(:hover) {

transform: scale(1);

transition-duration: .9s;

}

/\* Styles for links \*/

.links {

display: none;

position: absolute;

width: 1200px;

height: 90px;

left: 420px;

top: 15px;

}

/\* Styles for menu \*/

.menu {

user-select: none;

position: fixed;

margin: 0;

color: white;

font-size: 64px;

font-weight: 800;

}

/\* Styles for menu hover \*/

.menu:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Styles for menu not hover \*/

.menu:not(:hover){

transform: scale(1);

transition-duration: .5s;

}

/\* Styles for menu button \*/

.menu\_button {

position: absolute;

width: 170px;

height: 80px;

left: 170px;

top: 18px;

transition-duration: .5s;

}

/\* Styles for links \*/

a {

user-select: none;

text-decoration: none;

transition-duration: .1s;

}

/\* Styles for links hover \*/

a:hover {

font-weight: 800;

transition-duration: .1s;

}

/\* Styles for page \*/

.page {

user-select: none;

color: white;

font-size: 64px;

font-weight: 600;

margin: 0;

}

/\* Styles for page name \*/

.page\_name {

position: absolute;

top: 18px;

left: 575px;

}

/\* Styles for action \*/

.action {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Styles for action text \*/

.action\_text {

user-select: none;

margin: 0;

color: white;

font-size: 40px;

font-weight: 600;

}

/\* Styles for label \*/

label {

font-size: 36px;

font-weight: 600;

}

/\* Styles for form line \*/

.form\_line {

display: flex;

flex-direction: row;

align-items: center;

justify-content: space-between;

}

/\* Styles for form \*/

form {

position: relative;

margin: auto;

height: 600px;

top: 200px;

color: white;

width: 70%;

}

/\* Styles for input fields \*/

input[type="text"],

input[type="number"],

select {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

background-color: rgb(0,146,69);

width: 800px;

height: 30px;

padding: 10px;

margin: 12px 0;

border: 3px white solid;

border-radius: 8px;

}

/\* Styles for select element \*/

select {

width: 825px;

height: 56px;

}

/\* Styles for input placeholder \*/

input::placeholder {

color: rgba(255, 255, 255, 0.5);

}

/\* Styles for valid input \*/

input:valid {

background-color: #727272;

}

/\* Styles for submit and reset buttons \*/

input[type="submit"], input[type="reset"] {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

margin-top: 50px;

width: 200px;

height: 50px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .5s;

}

/\* Styles for reset button \*/

input[type="reset"] {

background-color: #727272;

}

/\* Styles for submit and reset buttons hover \*/

input[type="submit"]:hover, input[type="reset"]:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .5s;

}

/\* Styles for added message \*/

.added {

display: none;

}

/\* Styles for OK button \*/

.okButton {

position: absolute;

left: 45%;

font-size: 24px;

font-weight: 400;

margin-top: -20px;

width: 195px;

height: 45px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .1s;

text-align: center;

}

/\* Styles for OK button hover \*/

.okButton:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .1s;

}

### Amend View Drug

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

#### amendViewDrug.php

<!--

// Author : Nebojsa Kukic

// Date : 23/02/2024

// Purpose : Amend/view a drug.

// : This is the html and php

-->

<?php

session\_start(); // Start the session

include '../../../db.inc.php';

// Check if the reset action is requested

if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {

unset($\_SESSION['form\_submitted']);

// Redirect to the same page without the query parameter to avoid accidental resets on refresh

header('Location: amendViewDrug.php');

exit;

}

$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : '';

if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {

// Prepare the UPDATE SQL statement

$sql = "UPDATE drug SET

supplierID = '{$\_POST['supplierID']}',

brandName = '{$\_POST['brandName']}',

genericName = '{$\_POST['genericName']}',

drugForm = '{$\_POST['drugForm']}',

drugStrength = '{$\_POST['drugStrength']}',

usageInstructions = '{$\_POST['usageInstructions']}',

sideEffects = '{$\_POST['sideEffects']}',

costPrice = '{$\_POST['costPrice']}',

retailPrice = '{$\_POST['retailPrice']}',

quantityInStock = '{$\_POST['quantityInStock']}',

reorderLevel = '{$\_POST['reorderLevel']}',

reorderQuantity = '{$\_POST['reorderQuantity']}'

WHERE drugID = '{$\_POST['drugDescription']}'";

// Create query and set the message

if (mysqli\_query($con, $sql)) {

if (mysqli\_affected\_rows($con) > 0) {

$message = "RECORD UPDATED SUCCESSFULLY. ID: ".$\_POST['drugDescription'];

} else {

$message = "NO CHANGES WERE MADE TO THE RECORD. ID: ".$\_POST['drugDescription'];

}

} else {

$message = "An Error in the SQL Query: " . mysqli\_error($con);

}

// Set a session variable to indicate form submission

$\_SESSION['form\_submitted'] = true;

} elseif (isset($\_SESSION['form\_submitted'])) {

$message = "YOU HAVE ALREADY SUBMITTED THE FORM"; // Message to show if the form was already submitted

}

// If reached the page, without posting the form

if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {

unset($\_SESSION['form\_submitted']);

$message = '';

}

mysqli\_close($con);

?>

<!DOCTYPE html>

<html lang="en">

<head>

<!-- Link to external css -->

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

<title>View/Amend Stock Item</title>

</head>

<body>

<!-- Static header of the page -->

<div class="header">

<!-- Logo in the top left corner -->

<div class="logo">

<a href="../../../menu.html"><img src="../../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

</div>

<!-- Menu button that displays the menu links -->

<div class="menu\_button" id="menu\_button">

<p class="menu">MENU</p>

</div>

<!-- Name of the current page -->

<div class="page\_name">

<p class="page">VIEW/AMEND DRUG ITEM</p>

</div>

<!-- Links to other pages that show up with the click on Menu button -->

<div class="links" id="links">

<div class="link" style="top: 5px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

</div>

<div class="link" style="top: 50px; left: 0;">

<a href="../../../DispenseDrugs/dispenseDrugs.php" style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

</div>

<div class="link" style="top: 0; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

</div>

<div class="link" style="top: 50px; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

</div>

<div class="link" style="top: 0; left: 820px">

<a href="../../fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

</div>

<div class="link" style="top: 50px; left: 820px">

<a style="margin: 0; color: white; font-size: 30px;">REPORTS MENU</a>

</div>

</div>

<!-- Logout logo and button -->

<div class="logout">

<a href="../../../logIn.html"><img src="../../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

</div>

</div>

<!-- The form, that calls validateForm() function when submitted -->

<form method="post" onsubmit="return validateForm()">

<div class="form\_line">

<!-- Automatically populated dropdown list of all not-deleted stock items -->

<label for="drugDescription">SELECT DESCRIPTION</label>

<!-- populate() function is called, when stock item is clicked on (selected) -->

<select name="drugDescription" id="drugDescription" onchange="populate()" required>

<option value="">Select a Drug</option>

<?php

include '../../../db.inc.php';

// Prepare sql SELECT statement for stock items

$sql = "SELECT drugID, supplierID, brandName, genericName, drugForm, drugStrength, usageInstructions, sideEffects, costPrice, retailPrice, quantityInStock, reorderLevel, reorderQuantity

FROM drug

";

if (!empty($con)) {

$result = mysqli\_query($con, $sql);

}

// Save supplier ID

//global $supplierID;

// data-details is used to store all the details of each stock item as a single string within the HTML <option> elements, while $details is a PHP variable used to construct this string. JavaScript then retrieves this string from the selected <option> element and splits it to populate the form fields with the appropriate details.

if ($result) {

while ($row = mysqli\_fetch\_assoc($result)) {

// Combine all relevant details with a delimiter (comma)

$details = implode(',', $row);

echo '<option value="'.$row['drugID'].'" data-details="'.$details.'">'.$row['brandName'].'</option>';

//$supplierID = $row['supplierID'];

}

} else {

// Display error message

echo '<option value="">Failed to load drug items</option>';

}

mysqli\_close($con);

?>

</select>

</div>

<!-- View/Amend button -->

<input type="button" value="AMEND" id="amendViewButton" onclick="toggleLock()">

<!-- Form field for drugID -- cannot amend-->

<div class="form\_line" style="margin-top: 30px;">

<label for="drugID">DRUG ID</label>

<input type="number" id="drugID" name="drugID" pattern="[0-9]+" required disabled>

</div>

<!-- Form field for supplierID -->

<!-- First supplier name form field, that is displayed when in View mode -->

<div class="supplierDiv1" id="supplierDiv1">

<div class="form\_line">

<label for="supplierID">SUPPLIER NAME</label>

<input type="text" id="supplierID" name="supplierID" pattern="[0-9A-Za-z., ]+" onclick="changeSelect()" required disabled>

</div>

</div>

<!-- Second supplier name form field, that is displayed when in Amend mode -->

<div class="supplierDiv2" style="display: none;" id="supplierDiv2">

<div class="form\_line">

<label for="supplierID">SUPPLIER NAME</label>

<!-- Automatically populated with suppliers dropdown -->

<select name="supplierID" id="supplierID" required>

<option id="preselectedSupplier" value="">Select a supplier</option>

<?php

include '../../../db.inc.php';

// Prepare sql SELECT statement for fetching suppliers

$sql = "SELECT supplierID, supplierName FROM supplier ORDER BY supplierName ASC";

if (!empty($con)) {

// Execute query

$result = mysqli\_query($con, $sql);

}

if ($result) {

while ($row = mysqli\_fetch\_assoc($result)) {

// Does not preselect, can use just echo from else

if ($row['supplierID'] == $supplierID) {

// Populate dropdown with selected supplier

echo '<option value="'.$row['supplierID'].'" selected>'.$row['supplierName'].'</option>';

} else {

echo '<option value="'.$row['supplierID'].'">'.$row['supplierName'].'</option>';

}

}

} else {

// Display error message

echo '<option value="">Failed to load suppliers</option>';

}

mysqli\_close($con);

?>

</select>

</div>

</div>

<!-- Form field for brand name -->

<div class="form\_line">

<label for="brandName">BRAND NAME</label>

<input type="text" id="brandName" name="brandName"" required disabled>

</div>

<!-- Form field for generic name -->

<div class="form\_line">

<label for="genericName">GENERIC NAME</label>

<input type="text" id="genericName" name="genericName"" required disabled>

</div>

<!-- Form field for drug form -->

<div class="form\_line">

<label for="drugForm">DRUG FORM</label>

<input type="text" id="drugForm" name="drugForm" required disabled>

</div>

<!-- Form field for drug strength -->

<div class="form\_line">

<label for="drugStrength">DRUG STRENGTH</label>

<input type="text" id="drugStrength" name="drugStrength" pattern="[0-9A-Za-z., ]+"required disabled>

</div>

<!-- Form field for usage instructions -->

<div class="form\_line">

<label for="usageInstructions">USAGE INSTRUCTIONS</label>

<input type="text" id="usageInstructions" name="usageInstructions" required disabled>

</div>

<!-- Form field for side effects-->

<div class="form\_line">

<label for="sideEffects">SIDE EFFECTS</label>

<input type="text" id="sideEffects" name="sideEffects" pattern="[0-9A-Za-z., ]+" required disabled>

</div>

<!-- Form field for cost price -->

<div class="form\_line">

<label for="costPrice">COST PRICE</label>

<input type="number" id="costPrice" name="costPrice" pattern="[0-9A-Za-z., ]+" min="0.01" step=".01" required disabled>

</div>

<!-- Form field for retail price -->

<div class="form\_line">

<label for="retailPrice">RETAIL PRICE</label>

<input type="number" id="retailPrice" name="retailPrice" pattern="[0-9A-Za-z., ]+" min="0.01" step=".01" required disabled>

</div>

<!-- Form field for quantity in stock -->

<div class="form\_line">

<label for="quantityInStock">QUANTITY IN STOCK</label>

<input type="number" id="quantityInStock" name="quantityInStock" pattern="[0-9A-Za-z., ]+" required disabled>

</div>

<!-- Form field for reorder level -->

<div class="form\_line">

<label for="reorderLevel">REORDER LEVEL</label>

<input type="number" id="reorderLevel" name="reorderLevel" pattern="[0-9A-Za-z., ]+" required disabled>

</div>

<!-- Form field for reorder quantity-->

<div class="form\_line">

<label for="reorderQuantity">REORDER QUANTITY</label>

<input type="number" id="reorderQuantity" name="reorderQuantity" pattern="[0-9A-Za-z., ]+" required disabled>

</div>

<!-- Save button -->

<div class="form\_line">

<span></span>

<input type="submit" value="SAVE" name="submit"/>

</div>

<!-- The purpose of the okButton is to basically reload the page without resubmitting the form. This is achieved by sending a specific query parameter when the "OK" button is clicked, which the PHP script checks for at the beginning of the page load to reset the session and message, which make it possible for further successful amending -->

<div class="form\_line">

<div class="amended" id="amended">

<br><br><br>

<?php if (!empty($message)) : ?>

<p><?php echo $message; ?></p>

<!-- OK button to reset the message -->

<div class="okButton"><a href="amendViewDrug.php?action=resetMessage" class="okText">OK</a></div>

<?php endif; ?>

</div>

</div>

</form>

<!-- Link to external JS -->

<script src="amendViewDrug.js"></script>

</body>

</html>

#### amendViewDrug.js

// Author : Nebojsa Kukic

// Date : 23/02/2024

// Purpose : Amend/view a drug.

// : This is the js

/\* Function for the MENU button behaviour \*/

document.getElementById('menu\_button').addEventListener('click', function() {

var links = document.querySelector('.links');

var menu\_button = document.querySelector('.menu\_button');

var page\_name = document.querySelector('.page\_name');

if (links.style.display === 'none' || links.style.display === '') {

links.style.display = 'block'; // Show the links

menu\_button.style.transform = 'scale(1.2)'; // Make the MENU larger

page\_name.style.display = 'none';

} else {

links.style.display = 'none'; // Hide the links

menu\_button.style.transform = 'scale(1.05)'; // Make the MENU smaller

page\_name.style.display = 'block';

}

});

/\* Function to change the style of the Stock Item Description, because it requires logic, and cannot be done strictly with CSS only \*/

document.getElementById("drugDescription").addEventListener("change", function () {

var select = this;

if (select.value !== "") {

select.style.backgroundColor = "#727272";

} else {

select.style.backgroundColor = "rgb(0, 146, 69)";

}

});

/\* Function to populate form field with data-details \*/

function populate() {

var sel = document.getElementById("drugDescription");

var result = sel.options[sel.selectedIndex].value;

var details = sel.options[sel.selectedIndex].getAttribute("data-details");

if (result === "") {

// Clear all fields if no drug is selected

document.getElementById("drugID").value = "";

document.getElementById("supplierID").value = "";

document.getElementById("brandName").value = "";

document.getElementById("genericName").value = "";

document.getElementById("drugForm").value = "";

document.getElementById("drugStrength").value = "";

document.getElementById("usageInstructions").value = "";

document.getElementById("sideEffects").value = "";

document.getElementById("costPrice").value = "";

document.getElementById("retailPrice").value = "";

document.getElementById("quantityInStock").value = "";

document.getElementById("reorderLevel").value = "";

document.getElementById("reorderQuantity").value = "";

} else {

// Split the details using the delimiter (comma)

var drugDetails = details.split(',');

document.getElementById("drugID").value = drugDetails[0];

document.getElementById("supplierID").value = drugDetails[1];

document.getElementById("brandName").value = drugDetails[2];

document.getElementById("genericName").value = drugDetails[3];

document.getElementById("drugForm").value = drugDetails[4];

document.getElementById("drugStrength").value = drugDetails[5];

document.getElementById("usageInstructions").value = drugDetails[6];

document.getElementById("sideEffects").value = drugDetails[7];

document.getElementById("costPrice").value = drugDetails[8];

document.getElementById("retailPrice").value = drugDetails[9];

document.getElementById("quantityInStock").value = drugDetails[10];

document.getElementById("reorderLevel").value = drugDetails[11];

document.getElementById("reorderQuantity").value = drugDetails[12];

}

}

/\* Function to toggle the disable property of all form fields with amend/view button states \*/

function toggleLock() {

if(document.getElementById("amendViewButton").value === "AMEND") {

document.getElementById("supplierID").disabled = false;

document.getElementById("brandName").disabled = false;

document.getElementById("genericName").disabled = false;

document.getElementById("drugForm").disabled = false;

document.getElementById("drugStrength").disabled = false;

document.getElementById("usageInstructions").disabled = false;

document.getElementById("sideEffects").disabled = false;

document.getElementById("costPrice").disabled = false;

document.getElementById("retailPrice").disabled = false;

document.getElementById("quantityInStock").disabled = false;

document.getElementById("reorderLevel").disabled = false;

document.getElementById("reorderQuantity").disabled = false;

document.getElementById("amendViewButton").value = "VIEW";

document.getElementById("amendViewButton").style.backgroundColor = "rgb(0, 146, 69)";

document.getElementById("supplierDiv1").style.display = 'block';

document.getElementById("supplierDiv2").style.display = 'none';

} else {

populate();

document.getElementById("supplierID").disabled = true;

document.getElementById("brandName").disabled = true;

document.getElementById("genericName").disabled = true;

document.getElementById("drugForm").disabled = true;

document.getElementById("drugStrength").disabled = true;

document.getElementById("usageInstructions").disabled = true;

document.getElementById("sideEffects").disabled = true;

document.getElementById("costPrice").disabled = true;

document.getElementById("retailPrice").disabled = true;

document.getElementById("quantityInStock").disabled = true;

document.getElementById("reorderLevel").disabled = true;

document.getElementById("reorderQuantity").disabled = true;

document.getElementById("amendViewButton").value = "AMEND";

document.getElementById("amendViewButton").style.backgroundColor = "#727272";

document.getElementById("supplierDiv1").style.display = 'block';

document.getElementById("supplierDiv2").style.display = 'none';

}

}

/\* Function to swap between first and second supplier form fields \*/

function changeSelect() {

document.getElementById("supplierDiv1").style.display = 'none';

document.getElementById("supplierDiv2").style.display = 'block';

}

// When displaying the added message, scroll the user to its location on the page

// When the page is loaded:...

document.addEventListener("DOMContentLoaded", function() {

var messageDiv = document.getElementById("amended");

//var body = document.getElementsByTagName("body");

var message = messageDiv.textContent || messageDiv.innerText;

if (message.trim().length > 1) {

//body.style.height = "1400px";

messageDiv.style.display = "block"; // Make sure the div is visible

messageDiv.scrollIntoView({ behavior: 'smooth', block: 'start' });

} else {

//body.style.height = "1000px";

messageDiv.style.display = "none"; // Hide div if no message

}

});

/\* Function for confirming the changes \*/

function confirmChanges(){

// May be: "Please confirm that the details are correct"

return confirm("Are you sure you want to make these changes?"); // Display confirmation dialog and return user's choice

}

/\* Function for validating the form \*/

function validateForm(){

if(document.getElementById("amendViewButton").value === "AMEND"){

return false;

}

return confirmChanges();

}

#### amendViewDrug.css

/\*

// Author : Nebojsa Kukic

// Date : 23/02/2024

// Purpose : amend/view Drug

// : This is the css

\*/

/\* Style of the body \*/

body {

font-family: "JetBrains Mono";

background-color: #727272;

height: 1200px;

padding: 0;

margin: 0;

}

/\* Style of the link class \*/

.link {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Style of the header \*/

.header {

z-index: 1;

padding: 0;

margin: 0;

position: fixed;

width: 100%;

height: 150px;

background: rgb(114,114,114);

background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);

}

/\* Style for the logo \*/

.logo {

user-select: none;

position: absolute;

top: 5px;

left: 10px;

}

/\* Style for logo hovered \*/

.logo:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style for logo not hovered \*/

.logo:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Style for logout image/button \*/

.logout {

user-select: none;

position: absolute;

top: -10px;

right: 0;

}

/\* Style for logout image/button hovered \*/

.logout:hover {

transform: scale(1.1);

transition-duration: .5s;

}

/\* Style for logout image/button not hovered \*/

.logout:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the links class \*/

.links {

display: none;

position: absolute;

width: 1200px;

height: 90px;

left: 420px;

top: 15px;

}

/\* Style of the menu class \*/

.menu {

user-select: none;

position: fixed;

margin: 0;

color: white;

font-size: 64px;

font-weight: 800;

}

/\* Style of the menu class hovered \*/

.menu:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Style of the menu class not hovered \*/

.menu:not(:hover){

transform: scale(1);

transition-duration: .5s;

}

/\* Style of the menu\_button class \*/

.menu\_button {

position: absolute;

width: 170px;

height: 80px;

left: 170px;

top: 18px;

transition-duration: .5s;

}

/\* Style of the a tag \*/

a {

user-select: none;

text-decoration: none;

transition-duration: .1s;

}

/\* Style of the a tag hovered \*/

a:hover {

font-weight: 800;

transition-duration: .1s;

}

/\* Style of the page class \*/

.page {

user-select: none;

color: white;

font-size: 64px;

font-weight: 600;

margin: 0;

}

/\* Style of the page\_name class \*/

.page\_name {

position: absolute;

top: 18px;

left: 625px;

}

/\* Style of the form\_line class \*/

.form\_line {

display: flex;

flex-direction: row;

align-items: center;

justify-content: space-between;

}

/\* Style of the form tag \*/

form {

position: relative;

margin: auto;

height: 600px;

top: 200px;

color: white;

width: 70%;

user-select: none;

}

/\* Style of the label tag \*/

label {

font-size: 36px;

font-weight: 600;

}

/\* Style of the input tag of type text and number and select tag \*/

input[type="text"],

input[type="number"],

select {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

background-color: rgb(0,146,69);

width: 800px;

height: 30px;

padding: 10px;

margin: 12px 0;

border: 3px white solid;

border-radius: 8px;

}

/\* Style of the input tag of type button \*/

input[type="button"] {

font-family: "JetBrains Mono";

color: white;

font-size: 36px;

font-weight: 600;

border: 3px white solid;

border-radius: 8px;

background-color: #727272;

margin-bottom: 30px;

margin-top: 10px;

transition-duration: .1s;

width: 155px;

height: 75px;

text-align: center;

}

/\* Style of the input tag of type button hovered \*/

input[type="button"]:hover {

font-weight: 800;

font-size: 40px;

border: 5px white solid;

transition-duration: .1s;

}

/\* Style of the select tag \*/

select {

width: 825px;

height: 56px;

}

/\* Style of the select tag valid \*/

select:valid {

background-color: #727272;

}

/\* Style of the select tag invalid \*/

select:invalid {

background-color: rgb(0,146,69);

}

/\* Style of the valid input tag \*/

input:valid {

background-color: #727272;

}

/\* Style of the invalid input tag \*/

input:invalid {

background-color: rgb(0,146,69);

}

/\* Style of the input tag's placeholder \*/

input::placeholder {

color: rgba(255, 255, 255, 0.5);

}

/\* Style of the input tag of type submit \*/

input[type="submit"] {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

margin-top: 50px;

width: 200px;

height: 50px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .1s;

}

/\* Style of the input tag of type submit and reset hovered \*/

input[type="submit"]:hover,

input[type="reset"]:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .1s;

}

/\* Style of the amended class \*/

.amended {

display: none;

font-size: 36px;

font-weight: 600;

}

/\* Style of the okText class \*/

.okText {

all: none;

color: white;

padding-top: 20px;

line-height: 50px;

}

/\* Style of the okText class hovered \*/

.okText:hover {

font-weight: 400;

transition-duration: .1s;

}

/\* Style of the okButton class \*/

.okButton {

position: absolute;

left: 45%;

font-size: 24px;

font-weight: 400;

margin-top: -20px;

width: 195px;

height: 45px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .1s;

text-align: center;

}

/\* Style of the okButton class hovered \*/

.okButton:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .1s;

}

### Delete Drug

A screenshot of a computer

Description automatically generated

#### deleteDrug.php

<!--

// Author : Nebojsa Kukic

// Date : 23/02/2024

// Purpose : Delete a Drug

// : This is the html and php

-->

<?php

session\_start(); // Start the session

include '../../../db.inc.php'; // Include the database configuration file

// Check if the reset action is requested

if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {

unset($\_SESSION['form\_submitted']); // Unset the session variable

// Redirect to the same page without the query parameter to avoid accidental resets on refresh

header('Location: deleteDrug.php');

exit; // Terminate script execution

}

$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : ''; // Retrieve message from session or set empty string

// Check if the form is submitted via POST and form submission session variable is not set

if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {

// Construct SQL query to mark doctor as deleted based on provided doctor ID

$sql = "UPDATE drug SET isDeleted = '1' WHERE drugID = '{$\_POST['drugDescription']}'";

// Execute SQL query

if (mysqli\_query($con, $sql)) {

// Check if any rows were affected by the query

if (mysqli\_affected\_rows($con) > 0) {

$message = "RECORD DELETED SUCCESSFULLY. ID: ".$\_POST['drugDescription']; // Set success message

} else {

$message = "NO CHANGES WERE MADE TO THE RECORD. ID: ".$\_POST['drugDescription']; // Set message indicating no changes

}

} else {

$message = "An Error in the SQL Query: " . mysqli\_error($con); // Set error message

}

$\_SESSION['form\_submitted'] = true; // Set a session variable to indicate form submission

} elseif (isset($\_SESSION['form\_submitted'])) {

$message = "YOU HAVE ALREADY SUBMITTED THE FORM"; // Message to show if the form was already submitted

}

// Clear form submission session variable if request method is not POST

if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {

unset($\_SESSION['form\_submitted']);

$message = ''; // Clear message

}

mysqli\_close($con); // Close database connection

?>

<!DOCTYPE html>

<html lang="en">

<head>

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

<title>Delete Drug</title>

</head>

<body>

<div class="header">

<div class="logo">

<a href="../../../menu.html"><img src="../../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a> <!-- Logo -->

</div>

<div class="menu\_button" id="menu\_button">

<p class="menu">MENU</p>

</div>

<div class="page\_name">

<p class="page">DELETE DRUG</p>

</div>

<div class="links" id="links">

<div class="link" style="top: 5px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

</div>

<div class="link" style="top: 50px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

</div>

<div class="link" style="top: 0; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

</div>

<div class="link" style="top: 50px; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

</div>

<div class="link" style="top: 0; left: 820px">

<a href="../../fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

</div>

<div class="link" style="top: 50px; left: 820px">

<a style="margin: 0; color: white; font-size: 30px;" href="/PharmacyWebSystem/web/ReportsMenu/reportsMenu.html">REPORTS MENU</a>

</div>

</div>

<div class="logout">

<a href="../../../logIn.html"><img src="../../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a> <!-- Logout button -->

</div>

</div>

<form method="post" onsubmit="return validateForm()">

<div class="form\_line">

<label for="drugDescription">SELECT DRUG</label>

<select name="drugDescription" id="drugDescription" onchange="populate()" required>

<option value="">Select a drug</option>

<?php

include '../../../db.inc.php'; // Include the database configuration file

// Fetch drugs from the database

// Fetch drugs from the database

$sql = "SELECT drugID, brandName, genericName, drugForm, drugStrength, supplierID FROM Drug WHERE isDeleted = 0 ORDER BY brandName ASC";

if ($con) {

$result = mysqli\_query($con, $sql);

if ($result) {

while ($row = mysqli\_fetch\_assoc($result)) {

$details = implode(',', array(

htmlspecialchars($row['brandName']),

htmlspecialchars($row['genericName']),

htmlspecialchars($row['drugForm']),

htmlspecialchars($row['drugStrength']),

htmlspecialchars($row['supplierID'])

));

echo '<option value="' . htmlspecialchars($row['drugID']) . '" data-details="' . $details . '">' . htmlspecialchars($row['drugID']) . '</option>';

}

} else {

echo '<option value="">Failed to load drugs</option>';

}

mysqli\_close($con);

}

?>

</select>

</div>

<div class="form\_line">

<label for="brandName">BRAND NAME</label>

<input type="text" id="brandName" name="brandName" required disabled>

</div>

<div class="form\_line">

<label for="genericName">GENERIC NAME</label>

<input type="text" id="genericName" name="genericName" pattern="[A-Za-z]+" required disabled>

</div>

<div class="form\_line">

<label for="drugForm">DRUG FORM</label>

<input type="text" id="drugForm" name="drugForm" pattern="[A-Za-z]+" required disabled>

</div>

<div class="form\_line">

<label for="drugStrength">DRUG STRENGTH</label>

<input type="text" id="drugStrength" name="drugStrength" pattern="[0-9A-Za-z\s]+" required disabled>

</div>

<div class="form\_line">

<label for="supplierID">SUPPLIERS NAME</label>

<input type="text" id="supplierID" name="supplierID" pattern="^[A-Za-z\d]{3}\s?[A-Za-z\d]{4}$" required disabled>

</div>

<div class="form\_line">

<span></span>

<input type="submit" value="DELETE" id="deleteButton"/>

</div>

<!-- Display message after form submission -->

<div class="form\_line">

<div class="deleted" id="deleted">

<br><br><br>

<?php if (!empty($message)) : ?>

<p><?php echo $message; ?></p> <!-- Display message -->

<!-- OK button to reset the message -->

<div class="okButton"><a href="deleteDrug.php?action=resetMessage" class="okText">OK</a></div>

<?php endif; ?>

</div>

</div>

</form>

<script src="deleteDrug.js"></script>

</body>

</html>

#### deleteDrug.js

// Author : Nebojsa Kukic

// Date : 23/02/2024

// Purpose : Delete a Drug

// : This is the js

// Function to toggle display of navigation links and adjust MENU button size

document.getElementById('menu\_button').addEventListener('click', function() {

var links = document.querySelector('.links');

var menu\_button = document.querySelector('.menu\_button');

var page\_name = document.querySelector('.page\_name');

if (links.style.display === 'none' || links.style.display === '') {

links.style.display = 'block'; // Show the links

menu\_button.style.transform = 'scale(1.2)'; // Make the MENU larger

page\_name.style.display = 'none';

} else {

links.style.display = 'none'; // Hide the links

menu\_button.style.transform = 'scale(1.05)'; // Make the MENU smaller

page\_name.style.display = 'block';

}

});

// Function to change background color of select element based on value

document.getElementById("drugDescription").addEventListener("change", function () {

var select = this;

if (select.value !== "") {

select.style.backgroundColor = "#727272";

} else {

select.style.backgroundColor = "rgb(0, 146, 69)";

}

});

// Function to populate form fields based on selected option

function populate() {

var sel = document.getElementById("drugDescription");

var result = sel.options[sel.selectedIndex].value;

var details = sel.options[sel.selectedIndex].getAttribute("data-details");

if (result === "") {

// Clear all fields if no stock item is selected

document.getElementById("brandName").value = "";

document.getElementById("genericName").value = "";

document.getElementById("drugForm").value = "";

document.getElementById("drugStrength").value = "";

document.getElementById("supplierID").value = "";

} else {

// Split the details using the delimiter (comma)

var drugDetails = details.split(',');

document.getElementById("brandName").value = drugDetails[0];

document.getElementById("genericName").value = drugDetails[1];

document.getElementById("drugForm").value = drugDetails[2];

document.getElementById("drugStrength").value = drugDetails[3];

document.getElementById("supplierID").value = drugDetails[4];

}

}

// Function to handle content loading event

document.addEventListener("DOMContentLoaded", function() {

var messageDiv = document.getElementById("deleted");

var message = messageDiv.textContent || messageDiv.innerText;

if (message.trim().length > 1) {

messageDiv.style.display = "block"; // Make sure the div is visible

messageDiv.scrollIntoView({ behavior: 'smooth', block: 'start' });

} else {

messageDiv.style.display = "none"; // Hide div if no message

}

});

// Function to confirm changes before deletion

function confirmChanges(){

return confirm("Are you sure you want to delete this item?"); // Display confirmation dialog and return user's choice

}

// Function to validate form before deletion

function validateForm(){

var sel = document.getElementById("drugDescription");

var details = sel.options[sel.selectedIndex].getAttribute("data-details");

var drugDetails = details.split(',');

if(drugDetails[2] > 0 && drugDetails[5] > 0) {

alert("You can not delete this item");

return false;

}

return confirmChanges();

}

#### deleteDrug.css

/\*

// Author : Nebojsa Kukic

// Date : 23/02/2024

// Purpose : Delete a Drug

// : This is the css

\*/

/\* CSS styles for the body element \*/

body {

font-family: "JetBrains Mono";

background-color: #727272;

height: 1200px;

padding: 0;

margin: 0;

}

/\* Styles for links \*/

.link {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Styles for header \*/

.header {

z-index: 1;

padding: 0;

margin: 0;

position: fixed;

width: 100%;

height: 150px;

background: rgb(114,114,114);

background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);

}

/\* Styles for logo \*/

.logo {

user-select: none;

position: absolute;

top: 5px;

left: 10px;

}

/\* Styles for logo hover \*/

.logo:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Styles for logo not hover \*/

.logo:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Styles for logout \*/

.logout {

user-select: none;

position: absolute;

top: -10px;

right: 0;

}

/\* Styles for logout hover \*/

.logout:hover {

transform: scale(1.1);

transition-duration: .5s;

}

/\* Styles for logout not hover \*/

.logout:not(:hover) {

transform: scale(1);

transition-duration: .5s;

}

/\* Styles for links \*/

.links {

display: none;

position: absolute;

width: 1200px;

height: 90px;

left: 420px;

top: 15px;

}

/\* Styles for menu \*/

.menu {

user-select: none;

position: fixed;

margin: 0;

color: white;

font-size: 64px;

font-weight: 800;

}

/\* Styles for menu hover \*/

.menu:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Styles for menu not hover \*/

.menu:not(:hover){

transform: scale(1);

transition-duration: .5s;

}

/\* Styles for menu button \*/

.menu\_button {

position: absolute;

width: 170px;

height: 80px;

left: 170px;

top: 18px;

transition-duration: .5s;

}

/\* Styles for links \*/

a {

user-select: none;

text-decoration: none;

transition-duration: .1s;

}

/\* Styles for links hover \*/

a:hover {

font-weight: 800;

transition-duration: .1s;

}

/\* Styles for page \*/

.page {

user-select: none;

color: white;

font-size: 64px;

font-weight: 600;

margin: 0;

}

/\* Styles for page name \*/

.page\_name {

position: absolute;

top: 18px;

left: 600px;

}

/\* Styles for form line \*/

.form\_line {

display: flex;

flex-direction: row;

align-items: center;

justify-content: space-between;

}

/\* Styles for form \*/

form {

position: relative;

margin: auto;

height: 600px;

top: 200px;

color: white;

width: 70%;

user-select: none;

}

/\* Styles for label \*/

label {

font-size: 36px;

font-weight: 600;

}

/\* Styles for input fields \*/

input[type="text"],

input[type="number"],

select {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

background-color: rgb(0,146,69);

width: 800px;

height: 30px;

padding: 10px;

margin: 12px 0;

border: 3px white solid;

border-radius: 8px;

}

/\* Styles for submit button \*/

input[type="submit"] {

font-family: "JetBrains Mono";

color: white;

font-size: 36px;

font-weight: 600;

border: 3px white solid;

border-radius: 8px;

background-color: #727272;

margin-bottom: 30px;

margin-top: 20px;

transition-duration: .1s;

width: 175px;

height: 75px;

text-align: center;

}

/\* Styles for submit button hover \*/

input[type="submit"]:hover {

font-weight: 800;

font-size: 40px;

border: 5px white solid;

transition-duration: .1s;

}

/\* Styles for select element \*/

select {

width: 825px;

height: 56px;

}

/\* Styles for valid option \*/

option:valid {

background-color: #727272;

}

/\* Styles for input placeholder \*/

input::placeholder {

color: rgba(255, 255, 255, 0.5);

}

/\* Styles for valid input \*/

input:valid {

background-color: #727272;

}

/\* Styles for deleted message \*/

.deleted {

display: none;

font-size: 36px;

font-weight: 600;

}

/\* Styles for OK button \*/

.okButton {

position: absolute;

left: 45%;

font-size: 24px;

font-weight: 400;

margin-top: -20px;

width: 195px;

height: 45px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .1s;

text-align: center;

}

/\* Styles for OK button hover \*/

.okButton:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .1s;

}

### Payment to Suppliers

A screenshot of a computer

Description automatically generated

#### paymentToSuppliers.php

<?php

ini\_set('display\_errors', 1);

ini\_set('display\_startup\_errors', 1);

error\_reporting(E\_ALL);

session\_start();

include '../../db.inc.php'; // Include your database connection file

$message = ""; // Initialize message variable

// Place the PHP script logic here that handles form submission from below

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

// Your PHP code to handle the form submission and update the supplier amount owed

// Make sure you use prepared statements for database interactions

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

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

<title>PAYMENT TO SUPPLIERS</title>

</head>

<body>

<div class="header">

<div class="logo">

<a href="../../menu.html"><img src="../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

</div>

<div class="menu\_button" id="menu\_button">

<p class="menu">MENU</p>

</div>

<div class="page\_name">

<p class="page">PAYMENT TO SUPPLIERS</p>

</div>

<div class="links" id="links">

<div class="link" style="top: 5px; left: 0;">

<a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

</div>

<div class="link" style="top: 50px; left: 0;">

<a href="../../DispenseDrugs/dispenseDrugs.php" style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

</div>

<div class="link" style="top: 0; left: 350px">

<a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

</div>

<div class="link" style="top: 50px; left: 350px">

<a href="../supplierAccountsMenu.html"style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

</div>

<div class="link" style="top: 0; left: 820px">

<a href="../../FileMaintenanceMenu/fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

</div>

<div class="link" style="top: 50px; left: 820px">

<a style="margin: 0; color: white; font-size: 30px;" href="../../ReportsMenu/reportsMenu.html">REPORTS MENU</a>

</div>

</div>

<div class="logout">

<a href="../../logIn.html"><img src="../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

</div>

</div>

<br><br><br><br><br><br><br><br>

<form action="paymentToSuppliers.php" method="post">

<div class="form\_line">

<label for="supplierID">Select Supplier:</label>

<select name="supplierID" id="supplierID" required>

<option value="">Select a Supplier</option>

<?php

// Fetch all suppliers that are not deleted and display them in the dropdown

$sql = "SELECT supplierID, supplierName FROM supplier WHERE isDeleted = 0 ORDER BY supplierName ASC";

$result = mysqli\_query($con, $sql);

if($result && mysqli\_num\_rows($result) > 0) {

while($row = mysqli\_fetch\_assoc($result)) {

echo '<option value="'.htmlspecialchars($row['supplierID']).'">'.htmlspecialchars($row['supplierName']).'</option>';

}

} else {

echo '<option value="">No suppliers available</option>';

}

?>

</select>

</div>

<div class="form\_line">

<label for="paymentAmount">Payment Amount:</label>

<input type="number" name="paymentAmount" id="paymentAmount" min="0.01" step="0.01" required>

</div>

<div class="form\_line">

<input type="submit" value="Process Payment">

</div>

</form>

<!-- Display message -->

<div class="form\_line">

<div>

<br><br><br>

<label><?php if (!empty($message)) : ?>

<p><?php echo $message; ?></p>

<!-- OK button to reset the message -->

<div class="okButton"><a href="paymentToSupplier.php.php?action=resetMessage" class="okText">OK</a></div>

<?php endif; ?>

</label>

</div>

</div>

<script src="paymentToSuppliers.js"></script>

</body>

</html>

#### paymentToSuppliers.js

document.getElementById('menu\_button').addEventListener('click', function() {

var links = document.querySelector('.links');

var menu\_button = document.querySelector('.menu\_button');

var page\_name = document.querySelector('.page\_name');

if (links.style.display === 'none' || links.style.display === '') {

links.style.display = 'block'; // Show the links

menu\_button.style.transform = 'scale(1.2)'; // Make the MENU larger

page\_name.style.display = 'none';

} else {

links.style.display = 'none'; // Hide the links

menu\_button.style.transform = 'scale(1.05)'; // Make the MENU smaller

page\_name.style.display = 'block';

}

});

#### paymentToSuppliers.css

body {

font-family: "JetBrains Mono";

background-color: #727272;

height: 1050px;

padding: 0;

margin: 0;

}

/\* Styles for links \*/

.link {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Styles for header \*/

.header {

z-index: 1;

padding: 0;

margin: 0;

position: fixed;

width: 100%;

height: 150px;

background: rgb(114,114,114);

background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%);

}

/\* Styles for logo \*/

.logo {

user-select: none;

position: absolute;

top: 5px;

left: 10px;

}

/\* Styles for logo hover \*/

.logo:hover {

transform: scale(1.05);

transition-duration: .1s;

}

/\* Styles for logo not hover \*/

.logo:not(:hover) {

transform: scale(1);

transition-duration: .9s;

}

/\* Styles for logout \*/

.logout {

user-select: none;

position: absolute;

top: -10px;

right: 0;

}

/\* Styles for logout hover \*/

.logout:hover {

transform: scale(1.1);

transition-duration: .1s;

}

/\* Styles for logout not hover \*/

.logout:not(:hover) {

transform: scale(1);

transition-duration: .9s;

}

/\* Styles for links \*/

.links {

display: none;

position: absolute;

width: 1200px;

height: 90px;

left: 420px;

top: 15px;

}

/\* Styles for menu \*/

.menu {

user-select: none;

position: fixed;

margin: 0;

color: white;

font-size: 64px;

font-weight: 800;

}

/\* Styles for menu hover \*/

.menu:hover {

transform: scale(1.05);

transition-duration: .5s;

}

/\* Styles for menu not hover \*/

.menu:not(:hover){

transform: scale(1);

transition-duration: .5s;

}

/\* Styles for menu button \*/

.menu\_button {

position: absolute;

width: 170px;

height: 80px;

left: 170px;

top: 18px;

transition-duration: .5s;

}

/\* Styles for links \*/

a {

user-select: none;

text-decoration: none;

transition-duration: .1s;

}

/\* Styles for links hover \*/

a:hover {

font-weight: 800;

transition-duration: .1s;

}

/\* Styles for page \*/

.page {

user-select: none;

color: white;

font-size: 64px;

font-weight: 600;

margin: 0;

}

/\* Styles for page name \*/

.page\_name {

position: absolute;

top: 18px;

left: 575px;

}

/\* Styles for action \*/

.action {

position: absolute;

width: fit-content;

height: 40px;

}

/\* Styles for action text \*/

.action\_text {

user-select: none;

margin: 0;

color: white;

font-size: 40px;

font-weight: 600;

}

/\* Styles for label \*/

label {

font-size: 36px;

font-weight: 600;

}

/\* Styles for form line \*/

.form\_line {

display: flex;

flex-direction: row;

align-items: center;

justify-content: space-between;

}

/\* Styles for form \*/

form {

position: relative;

margin: auto;

height: 600px;

top: 200px;

color: white;

width: 70%;

}

/\* Styles for input fields \*/

input[type="text"],

input[type="number"],

select {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

background-color: rgb(0,146,69);

width: 800px;

height: 30px;

padding: 10px;

margin: 12px 0;

border: 3px white solid;

border-radius: 8px;

}

/\* Styles for select element \*/

select {

width: 825px;

height: 56px;

}

/\* Styles for input placeholder \*/

input::placeholder {

color: rgba(255, 255, 255, 0.5);

}

/\* Styles for valid input \*/

input:valid {

background-color: #727272;

}

/\* Styles for submit and reset buttons \*/

input[type="submit"], input[type="reset"] {

font-family: "JetBrains Mono";

color: white;

font-size: 24px;

font-weight: 400;

margin-top: 50px;

width: 300px;

height: 50px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .5s;

}

/\* Styles for reset button \*/

input[type="reset"] {

background-color: #727272;

}

/\* Styles for submit and reset buttons hover \*/

input[type="submit"]:hover, input[type="reset"]:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .5s;

}

/\* Styles for added message \*/

.added {

display: none;

}

/\* Styles for OK button \*/

.okButton {

position: absolute;

left: 45%;

font-size: 24px;

font-weight: 400;

margin-top: -20px;

width: 195px;

height: 45px;

border-radius: 8px;

border: 3px white solid;

cursor: pointer;

background-color: rgb(0,146,69);

transition-duration: .1s;

text-align: center;

}

/\* Styles for OK button hover \*/

.okButton:hover {

opacity: 0.9;

font-size: 28px;

transition-duration: .1s;

}

#### processPayment.php

<?php

session\_start();

include '../../../db.inc.php'; // db location

// Check if the form was submitted

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

// Assign the POST data to variables

$supplierID = $\_POST['supplierID'];

$paymentAmount = $\_POST['paymentAmount'];

// Begin a transaction

mysqli\_begin\_transaction($con);

try {

// Fetch the current amount owed by the supplier

$sql = "SELECT amountOwed FROM supplier WHERE supplierID = ?";

$stmt = mysqli\_prepare($con, $sql);

mysqli\_stmt\_bind\_param($stmt, "i", $supplierID);

mysqli\_stmt\_execute($stmt);

$result = mysqli\_stmt\_get\_result($stmt);

$row = mysqli\_fetch\_assoc($result);

$currentAmountOwed = $row['amountOwed'];

// Calculate the new amount owed, ensuring it does not go below zero

$newAmountOwed = max($currentAmountOwed - $paymentAmount, 0);

// Update the supplier's amountOwed in the database

$updateSql = "UPDATE supplier SET amountOwed = ? WHERE supplierID = ?";

$updateStmt = mysqli\_prepare($con, $updateSql);

mysqli\_stmt\_bind\_param($updateStmt, "di", $newAmountOwed, $supplierID);

mysqli\_stmt\_execute($updateStmt);

// If we reach this point without errors, commit the transaction

mysqli\_commit($con);

$\_SESSION['message'] = "Payment processed successfully. New amount owed: $newAmountOwed";

} catch (Exception $e) {

// An error occurred, rollback the transaction

mysqli\_rollback($con);

$\_SESSION['message'] = "An error occurred: " . $e->getMessage();

}

// Redirect to the payment page with a message

header('Location: paymentToSuppliers.php');

exit();

}

?>

## Abdullah Jobbeh’s Work

### Add Customer

A screenshot of a computer

Description automatically generated

#### addCustomer.php

<!--

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    ADD CUSTOMER FILE FOR ADDING CUSTOMER TO DATABASE

    DATE:           1/4/2024

    STUDENTID:      C00284285

-->

<?php

    session\_start(); // Start a new session or resume the existing one

    include '../../../db.inc.php'; // Include the database connection file

    // Reset message handling

    if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {

        unset($\_SESSION['form\_submitted']); // Clear the form submission session flag

        header('Location: addCustomer.php'); // Redirect to the addCustomer page to prevent form resubmission

        exit;

    }

    // Retrieve any previously set message from session, otherwise set to empty

    $message = isset($\_SESSION['message']) ? $\_SESSION['message'] : '';

    // Check if the form has been submitted and the form has not been previously submitted

    if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {

        // SQL query to find the highest current customerId

        $sql = "SELECT MAX(customerID) AS MaxcustomerID FROM Customer";

        $result = mysqli\_query($con, $sql);

        $row = mysqli\_fetch\_assoc($result);

        $maxCustomerID = $row['MaxcustomerID'];

        $newCustomerID = $maxCustomerID + 1; // Increment to get new customer ID

        // Collect data from form fields

        $customerSurname = $\_POST['surname'];

        $customerName = $\_POST['firstname'];

        $Address1 = $\_POST['address'];

        $eircode = $\_POST['eircode'];

        $dateOfBirth = $\_POST['dob'];

        $telephoneNumber = $\_POST['phone'];

        // SQL to insert the new customer into the database

        $sql = "INSERT INTO Customer (customerID, customerSurname, customerName, Address1, eircode, dateOfBirth, telephoneNumber) VALUES

        ('$newCustomerID', '$customerSurname', '$customerName', '$Address1', '$eircode', '$dateOfBirth', '$telephoneNumber')";

        // Execute the query and handle the result

        if (mysqli\_query($con, $sql)) {

            $customerID = mysqli\_insert\_id($con);

            header("Location: confirmCustomer.php?customerID=$customerID"); // Redirect to confirmation page with the new customer ID

            exit;

        } else {

            $message = "An Error in the SQL Query: " . mysqli\_error($con);

        }

        $\_SESSION['form\_submitted'] = true; // Mark the form as submitted in the session

    } else if (isset($\_SESSION['form\_submitted'])) {

        $message = "YOU HAVE ALREADY SUBMITTED THE FORM";

    }

    // If the page is reloaded with a non-POST request, clear the submission flag

    if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {

        unset($\_SESSION['form\_submitted']);

        $message = '';

    }

    mysqli\_close($con); // Close the database connection

?>

<!DOCTYPE html>

<html lang="en">

<head>

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

    <title>Add Customer</title>

</head>

<body>

    <!-- Page Header with logo and navigation -->

    <div class="header">

        <div class="logo">

            <a href="../../../menu.html"><img src="../../../Resources/logo6.png" alt="logo" width="110px" height="110px"></a>

        </div>

        <div class="menu\_button" id="menu\_button">

            <p class="menu">MENU</p>

        </div>

        <div class="page\_name">

            <p class="page">ADD CUSTOMER FORM</p>

        </div>

        <!-- Navigation Links -->

        <div class="links" id="links">

            <!-- Link structure shown with explicit style attributes -->

            <div class="link" style="top: 5px; left: 0;">

                <a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

            </div>

            <div class="link" style="top: 50px; left: 0;">

                <a style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

            </div>

            <div class="link" style="top: 0; left: 350px">

                <a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

            </div>

            <div class="link" style="top: 50px; left: 350px">

                <a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

            </div>

            <div class="link" style="top: 0; left: 820px">

                <a href="../../fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

            </div>

            <div class="link" style="top: 50px; left: 820px">

                <a style="margin: 0; color: white; font-size: 30px;">REPORTS MENU</a>

            </div>

        </div>

        <div class="logout">

            <a href="../../../logIn.html"><img src="../../../Resources/logout3.png" alt="logo" width="160px" height="160px"></a>

        </div>

    </div>

    <!-- Form for adding a new customer with input validations -->

    <form method="post" onsubmit="return validateForm()">

        <div class="form\_line">

            <label for="firstname">FIRSTNAME</label>

            <input type="text" id="firstname" name="firstname" pattern="[A-Za-z. ]+" required>

        </div>

        <div class="form\_line">

            <label for="surname">SURNAME</label>

            <input type="text" id="surname" name="surname" pattern="[A-Za-z. ]+" required>

        </div>

        <div class="form\_line">

            <label for="address">ADDRESS</label>

            <input type="text" id="address" name="address" pattern="[A-Za-z0-9., ]+" placeholder="County, Town, Street, House, Flat" required>

        </div>

        <div class="form\_line">

            <label for="eircode">EIRCODE</label>

            <input type="text" id="eircode" name="eircode" pattern="[A-Za-z]{1}[0-9]{2}[A-Za-z]{2}[0-9]{2}" placeholder="A12BC34" required>

        </div>

        <div class="form\_line">

            <label for="dob">DATE OF BIRTH</label>

            <input type="date" id="dob" name="dob" required>

        </div>

        <div class="form\_line">

            <label for="phone">TELEPHONE NUMBER</label>

            <input type="tel" id="phone" name="phone" pattern="[0-9\(\)\s\-]+" placeholder="(123) 456-7890" required>

        </div>

        <div class="form\_line">

            <input type="reset" value="CLEAR" name="reset"/>

            <input type="submit" value="SEND" name="submit"/>

        </div>

    </form>

    <script src="addCustomer.js"></script>

</body>

</html>

#### addCustomer.css

/\*

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    CSS FILE FOR ADDING CUSTOMER TO A DATABASE

    DATE:           1/4/2024

    STUDENTID:      C00284285

\*/

body {

    font-family: "JetBrains Mono"; /\* Sets the font family for the entire body \*/

    background-color: #727272; /\* Background color of the page \*/

    padding: 0; /\* Removes padding \*/

    margin: 0; /\* Removes margin \*/

}

.link {

    position: absolute; /\* Positioning is absolute, relative to its positioned ancestor \*/

    width: fit-content; /\* Width is the minimum size to contain its contents \*/

    height: 40px; /\* Fixed height \*/

}

.header {

    padding: 0; /\* No padding \*/

    margin: 0; /\* No margin \*/

    position: fixed; /\* Header is fixed at the top of the page \*/

    width: 100%; /\* Full width \*/

    height: 150px; /\* Height of the header \*/

    background: rgb(114,114,114); /\* Background color \*/

    background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%); /\* Gradient color from grey to green \*/

}

.logo {

    user-select: none; /\* Prevents text selection \*/

    position: absolute; /\* Absolute positioning \*/

    top: 5px; /\* 5 pixels from the top \*/

    left: 10px; /\* 10 pixels from the left \*/

}

.logo:hover {

    transform: scale(1.05); /\* Scales up the logo on hover \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.logo:not(:hover) {

    transform: scale(1); /\* Returns logo to original scale when not hovered \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.logout {

    user-select: none; /\* Prevents text selection \*/

    position: absolute; /\* Absolute positioning \*/

    top: -10px; /\* -10 pixels from the top \*/

    right: 0; /\* At the right edge \*/

}

.logout:hover {

    transform: scale(1.1); /\* Scales up the logout icon on hover \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.logout:not(:hover) {

    transform: scale(1); /\* Returns logout icon to original scale when not hovered \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.links {

    display: none; /\* Initially hides the navigation links \*/

    position: absolute; /\* Absolute positioning \*/

    width: 1200px; /\* Width of the links container \*/

    height: 90px; /\* Height of the links container \*/

    left: 420px; /\* 420 pixels from the left \*/

    top: 15px; /\* 15 pixels from the top \*/

}

.menu {

    user-select: none; /\* Prevents text selection \*/

    position: fixed; /\* Fixed position \*/

    margin: 0; /\* No margin \*/

    color: white; /\* Text color \*/

    font-size: 64px; /\* Font size \*/

    font-weight: 800; /\* Font weight \*/

}

.menu:hover {

    transform: scale(1.05); /\* Scales up the menu text on hover \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.menu:not(:hover){

    transform: scale(1); /\* Returns menu text to original scale when not hovered \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.menu\_button {

    position: absolute; /\* Absolute positioning \*/

    width: 170px; /\* Width of the menu button \*/

    height: 80px; /\* Height of the menu button \*/

    left: 170px; /\* 170 pixels from the left \*/

    top: 18px; /\* 18 pixels from the top \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

a {

    text-decoration: none; /\* Removes underline from links \*/

}

a:hover {

    font-weight: 800; /\* Bold on hover \*/

}

.page {

    user-select: none; /\* Prevents text selection \*/

    color: white; /\* Text color \*/

    font-size: 64px; /\* Font size \*/

    font-weight: 600; /\* Font weight \*/

    margin: 0; /\* No margin \*/

}

.page\_name {

    position: absolute; /\* Absolute positioning \*/

    top: 18px; /\* 18 pixels from the top \*/

    left: 600px; /\* 600 pixels from the left \*/

}

.action {

    position: absolute; /\* Absolute positioning \*/

    width: fit-content; /\* Width to fit its contents \*/

    height: 40px; /\* Fixed height \*/

}

.action\_text {

    user-select: none; /\* Prevents text selection \*/

    margin: 0; /\* No margin \*/

    color: white; /\* Text color \*/

    font-size: 40px; /\* Font size \*/

    font-weight: 600; /\* Font weight \*/

}

label {

    font-size: 36px; /\* Font size \*/

    font-weight: 600; /\* Font weight \*/

}

.form\_line {

    display: flex; /\* Uses flexbox for layout \*/

    flex-direction: row; /\* Elements are in a row \*/

    align-items: center; /\* Centers items vertically \*/

    justify-content: space-between; /\* Space between the items \*/

}

form {

    position: relative; /\* Relative positioning \*/

    margin: auto; /\* Centers the form horizontally \*/

    height: 600px; /\* Height of the form \*/

    top: 200px; /\* 200 pixels from the top \*/

    color: white; /\* Text color \*/

    width: 70%; /\* Width is 70% of its container \*/

}

input[type="text"],

input[type="email"],

input[type="tel"],

input[type="date"] {

    font-family: "JetBrains Mono"; /\* Font family \*/

    color: white; /\* Text color \*/

    font-size: 24px; /\* Font size \*/

    font-weight: 400; /\* Font weight \*/

    background-color: rgb(0,146,69); /\* Background color \*/

    width: 800px; /\* Width \*/

    height: 30px; /\* Height \*/

    padding: 10px; /\* Padding inside the input \*/

    margin: 12px 0; /\* Margin around the input \*/

    border: 3px white solid; /\* Border properties \*/

    border-radius: 8px; /\* Rounded corners \*/

}

input[type="tel"]:default {

    background-color: rgb(0,146,69); /\* Default background color for telephone input \*/

}

::-webkit-calendar-picker-indicator {

    filter: invert(1); /\* Inverts the color of the date picker indicator \*/

}

input[type=date]:invalid::-webkit-datetime-edit {

    color: rgba(255, 255, 255, 0.5); /\* Color for invalid date input \*/

}

input::placeholder {

    color: rgba(255, 255, 255, 0.5); /\* Placeholder text color \*/

}

input:valid {

    background-color: #727272; /\* Background color when input is valid \*/

}

input[type="submit"], input[type="reset"] {

    font-family: "JetBrains Mono"; /\* Font family \*/

    color: white; /\* Text color \*/

    font-size: 24px; /\* Font size \*/

    font-weight: 400; /\* Font weight \*/

    margin-top: 50px; /\* Margin from the top \*/

    width: 200px; /\* Width \*/

    height: 50px; /\* Height \*/

    border-radius: 8px; /\* Rounded corners \*/

    border: 3px white solid; /\* Border properties \*/

    cursor: pointer; /\* Cursor type \*/

    background-color: rgb(0,146,69); /\* Background color \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

input[type="reset"] {

    background-color: #727272; /\* Background color for reset button \*/

}

input[type="submit"]:hover, input[type="reset"]:hover {

    opacity: 0.9; /\* Opacity on hover \*/

    font-size: 28px; /\* Font size on hover \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

#### addCustomer.js

/\*

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    JAVA SCRIPT FILE FOR ADDING CUSTOMER FROM TO DATABASE

    DATE:           1/4/2024

    STUDENTID:      C00284285

\*/

// Wait for the entire content of the web page to load before running the script

document.addEventListener('DOMContentLoaded', function() {

    // Grab references to each input and the form itself by their respective IDs

    const form = document.getElementById('formID');

    const firstname = document.getElementById('firstname');

    const surname = document.getElementById('surname');

    const address = document.getElementById('address');

    const eircode = document.getElementById('eircode');

    const dob = document.getElementById('dob');

    const phone = document.getElementById('phone');

    // Event listener for the menu button for toggling visibility of links

    document.getElementById('menu\_button').addEventListener('click', function() {

        var links = document.querySelector('.links');

        var menu\_button = document.querySelector('.menu\_button');

        var page\_name = document.querySelector('.page\_name');

        // Toggle links display and adjust menu button appearance

        if (links.style.display === 'none' || links.style.display === '') {

            links.style.display = 'block'; // Show links if hidden

            menu\_button.style.transform = 'scale(1.2)'; // Enlarge menu button

            page\_name.style.display = 'none'; // Hide the page name during menu display

        } else {

            links.style.display = 'none'; // Hide links if shown

            menu\_button.style.transform = 'scale(1.05)'; // Return menu button size to normal

            page\_name.style.display = 'block'; // Show the page name when menu is not displayed

        }

    });

    // Validate each input field on input event

    firstname.addEventListener('input', function() {

        this.setCustomValidity('');

        if (!this.checkValidity()) {

            this.setCustomValidity("Please enter a valid first name using alphabetic characters only.");

        }

    });

    surname.addEventListener('input', function() {

        this.setCustomValidity('');

        if (!this.checkValidity()) {

            this.setCustomValidity("Please enter a valid surname using alphabetic characters only.");

        }

    });

    address.addEventListener('input', function() {

        this.setCustomValidity('');

        if (!this.checkValidity()) {

            this.setCustomValidity("Please enter a valid address.");

        }

    });

    eircode.addEventListener('input', function() {

        this.setCustomValidity('');

        if (!this.checkValidity()) {

            this.setCustomValidity("Please enter a valid Eircode, e.g., A12BC34.");

        }

    });

    dob.addEventListener('input', function() {

        this.setCustomValidity('');

        if (!validateAge(this.value)) {

            this.setCustomValidity("Invalid date of birth. The age must be more than 1 day and less than 100 years.");

        }

    });

    phone.addEventListener('input', function() {

        this.setCustomValidity('');

        if (!this.checkValidity()) {

            this.setCustomValidity("Please enter a valid telephone number in the format (123) 456-7890.");

        }

    });

    // Prevent form submission until all validations pass

    form.addEventListener('submit', function(event) {

        event.preventDefault(); // Stop form from submitting immediately

        if (validateForm()) {

            form.submit(); // Submit form if all validations pass

        }

    });

    // Function to check the validity of all fields

    function validateForm() {

        // Force the browser to display validation messages for all fields

        firstname.reportValidity();

        surname.reportValidity();

        address.reportValidity();

        eircode.reportValidity();

        dob.reportValidity();

        phone.reportValidity();

        // Return true if all fields are valid, else false

        return firstname.checkValidity() && surname.checkValidity() && address.checkValidity() &&

               eircode.checkValidity() && dob.checkValidity() && phone.checkValidity();

    }

    // Function to validate age with given constraints

    function validateAge(dob) {

        const birthDate = new Date(dob);

        const today = new Date();

        const oneDayAgo = new Date(today.getFullYear(), today.getMonth(), today.getDate() - 1);

        const oneHundredYearsAgo = new Date(today.getFullYear() - 100, today.getMonth(), today.getDate());

        return birthDate > oneHundredYearsAgo && birthDate < oneDayAgo; // Check if age is within valid range

    }

});

#### confirmCustomer.php

<!--

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    ADD CUSTOMER FILE FOR ADDING CUSTOMER TO DATABASE

    DATE:           1/4/2024

    STUDENTID:      C00284285

-->

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <!-- Ensures proper rendering and touch zooming -->

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

    <title>Confirm Customer</title>

    <!-- Link to external CSS for styling -->

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

</head>

<body>

<?php

// Start the session to access session variables

session\_start();

// Include database connection settings

include '../../../db.inc.php';

// Check if there's a customer ID in the query string

if (isset($\_GET['customerID'])) {

    $customerID = $\_GET['customerID'];

    // Fetch customer details from the database

    $sql = "SELECT \* FROM Customer WHERE customerID = '$customerID'";

    $result = mysqli\_query($con, $sql);

    // Fetch the customer data if available and display it

    if ($row = mysqli\_fetch\_assoc($result)) {

        // Display a header and customer details

        echo "<h2>Confirmation</h2>";

        echo "<p>Customer ID: " . $row['customerID'] . "</p>";

        echo "<p>Name: " . $row['customerName'] . " " . $row['customerSurname'] . "</p>";

        // Additional details can be displayed here

    } else {

        // Display an error message if no customer found

        echo "<p>Customer not found.</p>";

    }

} else {

    // Display an error message if no customer ID is provided in the query string

    echo "<p>No customer ID provided.</p>";

}

// Close the database connection

mysqli\_close($con);

?>

<!-- Create a form with a confirmation button -->

<form action="addCustomer.php" method="post">

    <div class="okButton">

        <!-- Link to reset the form processing state and redirect to addCustomer page -->

        <a href="addCustomer.php?action=resetMessage" class="okText">Confirm</a>

    </div>

</form>

</body>

</html>

*A screenshot of a computer

Description automatically generated*/\*

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    CSS FILE FOR ADDING CUSTOMER TO A DATABASE

    DATE:           1/4/2024

    STUDENTID:      C00284285

\*/

body {

    font-family: "JetBrains Mono"; /\* Sets the typeface for the body element \*/

    background-color: #727272; /\* Gray background color for the body \*/

    padding: 0; /\* Removes padding from the body \*/

    margin: 0; /\* Removes margin from the body \*/

}

h2 {

    color: white; /\* Sets the text color for h2 headings to white \*/

    text-align: center; /\* Centers h2 headings horizontally \*/

    margin-top: 100px; /\* Adds space above h2 headings \*/

}

p {

    color: white; /\* Sets paragraph text color to white \*/

    font-size: 24px; /\* Sets font size of paragraph text \*/

    text-align: center; /\* Centers paragraph text horizontally \*/

    margin: 5px 0; /\* Adds vertical spacing to paragraph text \*/

}

.okButton {

    display: block; /\* Makes the div a block element \*/

    width: 200px; /\* Sets the width of the button \*/

    height: 50px; /\* Sets the height of the button \*/

    margin: 20px auto; /\* Centers the button horizontally and adds vertical spacing \*/

    background-color: rgb(0, 146, 69); /\* Sets a green background color \*/

    border-radius: 8px; /\* Rounds the corners of the button \*/

    text-align: center; /\* Centers the text within the button \*/

    line-height: 50px; /\* Centers the text vertically within the button \*/

    transition: background-color 0.3s ease; /\* Animates the background color change on hover \*/

}

.okButton:hover {

    background-color: #727272; /\* Changes the button color on hover to match the body background \*/

}

.okText {

    color: white; /\* Sets the link color to white \*/

    text-decoration: none; /\* Removes underline from the link \*/

    display: block; /\* Makes the link fill the container \*/

    height: 100%; /\* Ensures the link fills the button vertically \*/

    width: 100%; /\* Ensures the link fills the button horizontally \*/

}

/\* Additional styles can be added below for other elements \*/

### Amend View Customer

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

#### amendViewCustomer.php

<!--

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    AMEND VIEW CUSTOMER FILE FOR AMENDING A CUSTOMER FROM A DATABASE

    DATE:           1/4/2024

    STUDENTID:      C00284285

-->

<?php

// Enable detailed error reporting for debugging

error\_reporting(E\_ALL);

ini\_set('display\_errors', 1);

// Start or resume a session to retain user data between requests

session\_start();

// Include the database connection script from a relative path

include '../../../db.inc.php';

// Check if a reset action has been requested via GET parameter

if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {

    // Clear session variable used to check form submission

    unset($\_SESSION['form\_submitted']);

    // Redirect to remove the action parameter from the URL

    header('Location: amendViewCustomer.php');

    exit;

}

// Retrieve and store any session messages, or set default if not set

$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : '';

// Check if the form has been submitted and ensure it hasn't been submitted before

if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {

    // Prepare SQL query to update customer details based on form input

    $sql = "UPDATE customer SET

                    customerSurname = '{$\_POST['surname']}',

                    customerName = '{$\_POST['firstname']}',

                    Address1 = '{$\_POST['Address']}',

                    eircode = '{$\_POST['eircode']}',

                    dateOfBirth = '{$\_POST['dob']}',

                    telephoneNumber = '{$\_POST['TelephoneNumber']}'

                    WHERE customerID = '{$\_POST['customerIdentity']}'";

    // Execute the query and check for success

    if (mysqli\_query($con, $sql)) {

        $message = "RECORD UPDATED SUCCESSFULLY. ID: ".$\_POST['customerIdentity'];

    } else {

        // On error, set a message with the SQL error

        $message = "An Error in the SQL Query: " . mysqli\_error($con);

    }

    // Mark the form as submitted in the session to prevent resubmission

    $\_SESSION['form\_submitted'] = true;

} elseif (isset($\_SESSION['form\_submitted'])) {

    // Notify user if the form was already submitted

    $message = "YOU HAVE ALREADY SUBMITTED THE FORM";

}

// Clear the form submission flag if the page is refreshed or revisited

if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {

    unset($\_SESSION['form\_submitted']);

    $message = '';

}

// Close the database connection

mysqli\_close($con);

?>

<!DOCTYPE html>

<html lang="en">

<head>

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

    <title>View/Amend Customer</title>

</head>

<body>

<div class="header">

    <!-- Simplified header for navigation and logo -->

    <div class="logo">

        <a href="../../../menu.html"><img src="../../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

    </div>

    <div class="menu\_button" id="menu\_button">

        <p class="menu">MENU</p>

    </div>

    <div class="page\_name">

        <p class="page">VIEW/AMEND CUSTOMER</p>

    </div>

    <!-- Dynamic display of links based on user interaction -->

    <div class="links" id="links">

        <!-- Various navigation links to other parts of the system -->

        <!-- Links are dynamically shown or hidden based on user actions -->

        <div class="link" style="top: 5px; left: 0;">

            <a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

        </div>

        <!-- Example of linking to other functionalities of the system -->

        <div class="link" style="top: 50px; left: 0;">

            <a href="dispenseDrugs.php" style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

        </div>

        <!-- Each link can be styled individually or use a common class -->

        <div class="link" style="top: 0; left: 350px">

            <a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

        </div>

        <div class="link" style="top: 50px; left: 350px">

                <a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

            </div>

            <div class="link" style="top: 0; left: 820px">

                <a href="../../fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

            </div>

            <div class="link" style="top: 50px; left: 820px">

                <a style="margin: 0; color: white; font-size: 30px;">REPORTS MENU</a>

            </div>

    </div>

    <div class="logout">

        <a href="../../../logIn.html"><img src="../../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

    </div>

</div>

<!-- Form for submitting customer changes -->

<form action="amendViewCustomer.php" method="post" onsubmit="return validateForm()">

    <!-- Customer selection dropdown -->

    <div class="form\_line">

        <label for="customerIdentity">SELECT CUSTOMER</label>

        <select name="customerIdentity" id="customerIdentity" onclick="populate()" required>

            <option value="">Select a Customer</option>

            <?php

            // Reconnect to the database for fetching customer options

            include '../../../db.inc.php';

            // SQL query to fetch active customers

            $sql = "SELECT customerID, customerSurname, customerName, Address1,

                        eircode, dateOfBirth, telephoneNumber FROM customer

                        WHERE customer.isDeleted = 0

                        ORDER BY customerSurname ASC";

            $result = mysqli\_query($con, $sql);

            // Generate options for the dropdown menu with customer details

            if ($result) {

                while ($row = mysqli\_fetch\_assoc($result)) {

                    $details = implode(',', $row); // Combine details for use in the script

                    echo '<option value="'.$row['customerID'].'" data-details="'.$details.'">'.$row['customerSurname'].'</option>';

                }

            } else {

                echo '<option value="">Failed to load Customer</option>';

            }

            // Close the database connection again

            mysqli\_close($con);

            ?>

        </select>

    </div>

    <!-- Button for amending view, script-controlled to toggle field editability -->

    <input type="button" value="AMEND" id="amendViewButton" onclick="toggleLock()">

    <!-- Input fields for customer details, initially disabled -->

    <!-- Include JavaScript to handle enabling these fields when 'AMEND' is clicked -->

    <div class="form\_line">

        <label for="customerID">CUSTOMER ID</label>

        <input type="text" id="customerID" name=customerID required disabled>

    </div>

    <!-- More fields follow similar pattern -->

    <div class="form\_line">

        <label for="surname">SURNAME</label>

        <input type="text" id="surname" name="surname" pattern="[A-Za-z]+" required disabled>

    </div>

    <div class="form\_line">

        <label for="firstname">FIRST NAME</label>

        <input type="text" id="firstname" name="firstname" pattern="[A-Za-z]+" required disabled>

    </div>

    <div class="form\_line">

        <label for="Address">ADDRESS</label>

        <input type="text" id="Address" name="Address" pattern="[0-9A-Za-z\s]+" required disabled>

    </div>

    <div class="form\_line">

        <label for="eircode">EIRCODE</label>

        <input type="text" id="eircode" name="eircode" pattern="^[A-Za-z\d]{3}\s?[A-Za-z\d]{4}$" required disabled>

    </div>

    <div class="form\_line">

        <label for="dob">DATE OF BIRTH</label>

        <input type="date" id="dob" name="dob" required disabled>

    </div>

    <div class="form\_line">

        <label for="TelephoneNumber">TELEPHONE NUMBER</label>

        <input type="tel" id="TelephoneNumber" name="TelephoneNumber" pattern="[0-9\s+\-]+" required disabled>

    </div>

    <!-- Submit button -->

    <div class="form\_line">

        <span></span>

        <input type="submit" value="SAVE" name="submit"/>

    </div>

    <!-- Section to display messages and a button to reset the form state -->

    <div class="form\_line">

        <div class="amended" id="amended">

            <br><br><br>

            <label>

                <?php if (!empty($message)) : ?>

                    <p><?php echo $message; ?></p>

                    <!-- Button to clear the message, linking to a reset action -->

                    <div class="okButton"><a href="amendViewCustomer.php?action=resetMessage" class="okText">OK</a></div>

                <?php endif; ?>

            </label>

        </div>

    </div>

</form>

<script src="amendViewCustomer.js"></script>

</body>

</html>

#### amendViewCustomer.js

/\*

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    JavaScript file for handling the UI interactions and form operations in an

                    amend customer form within a database management context.

    DATE:           1/4/2024

    STUDENTID:      C00284285

\*/

// Toggle display of navigation links upon clicking the menu button.

document.getElementById('menu\_button').addEventListener('click', function() {

    var links = document.querySelector('.links');

    var menu\_button = document.querySelector('.menu\_button');

    var page\_name = document.querySelector('.page\_name');

    if (links.style.display === 'none' || links.style.display === '') {

        links.style.display = 'block'; // Show the navigation links

        menu\_button.style.transform = 'scale(1.2)'; // Enlarge the menu button

        page\_name.style.display = 'none'; // Hide the page name

    } else {

        links.style.display = 'none'; // Hide the navigation links

        menu\_button.style.transform = 'scale(1.05)'; // Restore menu button size

        page\_name.style.display = 'block'; // Show the page name

    }

});

// Adjust background color of the customer identity dropdown based on selection.

document.getElementById("customerIdentity").addEventListener("change", function () {

    this.style.backgroundColor = this.value !== "" ? "#727272" : "rgb(0, 146, 69)";

});

// Populate form fields based on the selected customer's information.

function populate() {

    var select = document.getElementById("customerIdentity");

    var details = select.options[select.selectedIndex].getAttribute("data-details");

    if (select.value === "") {

        clearFormFields(); // Clear all fields if no customer is selected

    } else {

        var customerDetails = details.split(',');

        fillFormFields(customerDetails); // Fill form with customer details

    }

}

// Clears all input fields within the form.

function clearFormFields() {

    document.getElementById("customerID").value = "";

    document.getElementById("surname").value = "";

    document.getElementById("firstname").value = "";

    document.getElementById("Address").value = "";

    document.getElementById("eircode").value = "";

    document.getElementById("dob").value = "";

    document.getElementById("TelephoneNumber").value = "";

}

// Fill form fields with data provided.

function fillFormFields(details) {

    document.getElementById("customerID").value = details[0];

    document.getElementById("surname").value = details[1];

    document.getElementById("firstname").value = details[2];

    document.getElementById("Address").value = details[3];

    document.getElementById("eircode").value = details[4];

    document.getElementById("dob").value = details[5];

    document.getElementById("TelephoneNumber").value = details[6];

}

// Toggle the disabled state of form fields for editing or viewing.

function toggleLock() {

    var editMode = document.getElementById("amendViewButton").value === "AMEND";

    ["surname", "firstname", "Address", "eircode", "dob", "TelephoneNumber"].forEach(function(id) {

        document.getElementById(id).disabled = editMode;

    });

    document.getElementById("amendViewButton").value = editMode ? "VIEW" : "AMEND";

    document.getElementById("amendViewButton").style.backgroundColor = editMode ? "#727272" : "rgb(0, 146, 69)";

}

// Show or hide the message div on page load based on content.

document.addEventListener("DOMContentLoaded", function() {

    var messageDiv = document.getElementById("amended");

    var message = messageDiv.textContent.trim();

    messageDiv.style.display = message.length > 0 ? "block" : "none";

    if (message.length > 0) {

        messageDiv.scrollIntoView({ behavior: 'smooth', block: 'start' });

    }

});

// Confirm changes before form submission.

function confirmChanges() {

    return confirm("Are you sure you want to make these changes?");

}

// Prevent form submission if in "AMEND" mode, otherwise confirm changes.

function validateForm() {

    return document.getElementById("amendViewButton").value !== "AMEND" && confirmChanges();

}

#### amendViewCustomer.css

/\*

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    CSS FILE FOR AMENDING A CUSTOMER ON A DATABASE

    DATE:           1/4/2024

    STUDENTID:      C00284285

\*/

/\* Sets up the basic styles for the entire body of the page \*/

body {

    font-family: "JetBrains Mono"; /\* Defines the font family used throughout the page \*/

    background-color: #727272; /\* Sets the background color \*/

    height: 1200px; /\* Sets a fixed height for the body \*/

    padding: 0; /\* Removes any padding \*/

    margin: 0; /\* Removes any margin \*/

}

/\* Styles for individual links within the navigation \*/

.link {

    position: absolute; /\* Position the link absolutely within its relative parent \*/

    width: fit-content; /\* Ensures the width is only as wide as the content \*/

    height: 40px; /\* Sets a specific height for each link \*/

}

/\* Styles the header, which contains navigation and branding \*/

.header {

    z-index: 1; /\* Ensures the header stays on top of other content \*/

    padding: 0; /\* No padding to ensure items inside the header touch the edges \*/

    margin: 0; /\* No margin to ensure the header touches the edges of the page \*/

    position: fixed; /\* Fixes the header to the top of the viewport \*/

    width: 100%; /\* Header spans the full width of the viewport \*/

    height: 150px; /\* Sets the height of the header \*/

    background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%); /\* A gradient background from gray to green \*/

}

/\* Styles the logo within the header \*/

.logo {

    user-select: none; /\* Disables text selection of the logo \*/

    position: absolute; /\* Positions the logo absolutely within the header \*/

    top: 5px; /\* Distance from the top of the header \*/

    left: 10px; /\* Distance from the left side of the header \*/

}

.logo:hover {

    transform: scale(1.05); /\* Enlarges the logo on hover \*/

    transition-duration: .5s; /\* Smooth transition for the transform effect \*/

}

.logo:not(:hover) {

    transform: scale(1); /\* Ensures the logo returns to normal size when not hovered \*/

    transition-duration: .5s; /\* Smooth transition for the transform effect \*/

}

/\* Styles the logout button \*/

.logout {

    user-select: none; /\* Disables text selection of the logout button \*/

    position: absolute; /\* Positions the logout button absolutely within the header \*/

    top: -10px; /\* Positions the button slightly above the top of its container \*/

    right: 0; /\* Aligns the button to the right \*/

}

.logout:hover {

    transform: scale(1.1); /\* Enlarges the logout button on hover \*/

    transition-duration: .5s; /\* Duration of the hover effect transition \*/

}

.logout:not(:hover) {

    transform: scale(1); /\* Returns the button to its original size when not hovered \*/

    transition-duration: .5s; /\* Duration of the transition back to normal size \*/

}

/\* Styles for the navigation links that appear when the menu is activated \*/

.links {

    display: none; /\* Hides the links by default \*/

    position: absolute; /\* Positions the links absolutely within their container \*/

    width: 1200px; /\* Sets a specific width for the container \*/

    height: 90px; /\* Sets a specific height for the container \*/

    left: 420px; /\* Positions the container horizontally \*/

    top: 15px; /\* Positions the container vertically from the top \*/

}

/\* General styles for menu text \*/

.menu {

    user-select: none; /\* Disables text selection for the menu items \*/

    position: fixed; /\* Fixes the position of the menu text \*/

    margin: 0; /\* Removes any margin around the menu text \*/

    color: white; /\* Sets the text color to white \*/

    font-size: 64px; /\* Sets a large font size for visibility \*/

    font-weight: 800; /\* Boldens the font \*/

}

.menu:hover {

    transform: scale(1.05); /\* Slightly enlarges the menu text on hover \*/

    transition-duration: .5s; /\* Smooth transition for the hover effect \*/

}

.menu:not(:hover) {

    transform: scale(1); /\* Returns the text to its original scale when not hovered \*/

    transition-duration: .5s; /\* Ensures the transition back is smooth \*/

}

/\* Styles for the menu button \*/

.menu\_button {

    position: absolute; /\* Absolute positioning within its container \*/

    width: 170px; /\* Width of the button \*/

    height: 80px; /\* Height of the button \*/

    left: 170px; /\* Position from the left \*/

    top: 18px; /\* Position from the top \*/

    transition-duration: .5s; /\* Smooth transition for any animations \*/

}

/\* Anchor tag enhancements \*/

a {

    user-select: none; /\* Disables text selection for links \*/

    text-decoration: none; /\* Removes underline from links \*/

}

a:hover {

    font-weight: 800; /\* Boldens the link text on hover \*/

}

/\* Styles specific to the page identifier \*/

.page {

    user-select: none; /\* Disables text selection for the page title \*/

    color: white; /\* White color for visibility against the background \*/

    font-size: 64px; /\* Large font size for clear visibility \*/

    font-weight: 600; /\* Slightly less bold than the menu text \*/

    margin: 0; /\* Removes any margin around the text \*/

}

/\* Styles for the page name label \*/

.page\_name {

    position:absolute; /\* Absolute positioning \*/

    top: 18px; /\* Vertical position \*/

    left: 575px; /\* Horizontal position \*/

}

/\* Styling for each line within a form \*/

.form\_line {

    display: flex; /\* Uses flexbox for layout \*/

    flex-direction: row; /\* Arranges children in a row \*/

    align-items: center; /\* Vertically centers the items \*/

    justify-content: space-between; /\* Distributes space between and around content items \*/

}

/\* General form styling \*/

form {

    position: relative; /\* Allows for positioning relative to its normal position \*/

    margin: auto; /\* Centers the form horizontally \*/

    height: 600px; /\* Sets a specific height \*/

    top: 200px; /\* Pushes the form down from the top \*/

    color: white; /\* White text color for visibility \*/

    width: 70%; /\* Sets the form width relative to its parent \*/

    user-select: none; /\* Disables text selection within the form \*/

}

/\* Styling for labels within the form \*/

label {

    font-size: 36px; /\* Large font size for labels \*/

    font-weight: 600; /\* Bold font weight for clear legibility \*/

}

/\* Styling for input fields and the select box \*/

input[type="text"],

input[type="number"],

input[type="date"],

input[type="tel"],

select {

    font-family: "JetBrains Mono"; /\* Consistent font family for input fields \*/

    color: white; /\* Text color \*/

    font-size: 24px; /\* Appropriate font size for form inputs \*/

    font-weight: 400; /\* Normal font weight \*/

    background-color: rgb(0,146,69); /\* Green background color \*/

    width: 800px; /\* Consistent width for all input fields \*/

    height: 30px; /\* Height of the input fields \*/

    padding: 10px; /\* Padding inside the input fields for text alignment \*/

    margin: 12px 0; /\* Vertical spacing for form elements \*/

    border: 3px white solid; /\* White border for visibility and aesthetics \*/

    border-radius: 8px; /\* Rounded corners for the input fields and select box \*/

}

/\* Styling for button elements within the form \*/

input[type="button"] {

    font-family: "JetBrains Mono"; /\* Consistent font across all text elements \*/

    color: white; /\* White text for visibility \*/

    font-size: 36px; /\* Larger font size for button text \*/

    font-weight: 600; /\* Bold font weight for text clarity \*/

    border: 3px white solid; /\* White border matching other form elements \*/

    border-radius: 8px; /\* Rounded corners for aesthetic consistency \*/

    background-color: #727272; /\* Grey background differentiating the button \*/

    margin-bottom: 30px; /\* Bottom margin for spacing \*/

    margin-top: 10px; /\* Top margin for spacing \*/

    transition-duration: .1s; /\* Quick transition for interactive elements \*/

    width: 155px; /\* Fixed width for consistency \*/

    height: 75px; /\* Fixed height for visual uniformity \*/

    text-align: center; /\* Centers text within the button \*/

}

input[type="button"]:hover {

    font-weight: 800; /\* Boldens the text on hover for emphasis \*/

    font-size: 40px; /\* Increases the font size on hover for visibility \*/

    border: 5px white solid; /\* Thicker border on hover for visual impact \*/

    transition-duration: .1s; /\* Maintains a quick transition on hover \*/

}

/\* Styling for select elements specifically \*/

select {

    width: 825px; /\* Slightly wider than input fields to accommodate dropdown icon \*/

    height: 56px; /\* Taller height to accommodate larger text and padding \*/

}

/\* Placeholder styling within input fields \*/

input::placeholder {

    color: rgba(255, 255, 255, 0.5); /\* Lighter white for placeholder text to differentiate from input text \*/

}

/\* Styling for input fields when they contain valid data \*/

input:valid {

    background-color: #727272; /\* Darker background for valid input to visually communicate correctness \*/

}

/\* Styling for the submit button specifically \*/

input[type="submit"] {

    font-family: "JetBrains Mono"; /\* Consistent font family \*/

    color: white; /\* Text color for readability \*/

    font-size: 24px; /\* Suitable font size for button text \*/

    font-weight: 400; /\* Normal font weight for readability \*/

    margin-top: 50px; /\* Spacing from the previous elements \*/

    width: 200px; /\* Consistent width with other form controls \*/

    height: 50px; /\* Height sufficient to tap easily on mobile devices \*/

    border-radius: 8px; /\* Rounded corners for aesthetic consistency \*/

    border: 3px white solid; /\* Solid white border for visibility \*/

    cursor: pointer; /\* Cursor changes to pointer to indicate it's clickable \*/

    background-color: rgb(0,146,69); /\* Green background to signify actionable items \*/

    transition-duration: .1s; /\* Quick transition to respond swiftly to user interactions \*/

}

input[type="submit"]:hover, input[type="reset"]:hover {

    opacity: 0.9; /\* Slightly reduces opacity on hover for visual feedback \*/

    font-size: 28px; /\* Slightly larger font size on hover for emphasis \*/

    transition-duration: .1s; /\* Ensures the hover effect is noticeable but not jarring \*/

}

/\* Styling for the reset button \*/

input[type="reset"] {

    background-color: #727272; /\* Grey background to make it less prominent than the submit button \*/

}

/\* Styling for the 'amended' message section \*/

.amended {

    display: none; /\* Hidden by default \*/

    font-size: 36px; /\* Large font size for visibility \*/

    font-weight: 600; /\* Bold to capture attention \*/

}

/\* Styling for the 'OK' text within a button \*/

.okText {

    all: none; /\* Resets all inherited properties \*/

    color: white; /\* White color for readability \*/

    padding-top: 20px; /\* Top padding to vertically center text within the button \*/

    line-height: 50px; /\* Line height to ensure text is aligned within the button \*/

}

.okText:hover {

    font-weight: 400; /\* Lighter font weight on hover for a subtle interaction cue \*/

}

/\* Styling for the 'OK' button itself \*/

.okButton {

    position: absolute; /\* Positioned absolutely relative to its nearest positioned ancestor \*/

    left: 45%; /\* Horizontally centers the button at 45% from the left \*/

    font-size: 24px; /\* Font size that balances readability with aesthetic \*/

    font-weight: 400; /\* Normal font weight for standard text \*/

    margin-top: -20px; /\* Negative top margin to pull the button upwards \*/

    width: 195px; /\* Width of the button for sufficient click/tap area \*/

    height: 45px; /\* Height of the button for aesthetic and functional balance \*/

    border-radius: 8px; /\* Rounded corners for a modern, friendly appearance \*/

    border: 3px white solid; /\* Solid white border to define the button's boundaries \*/

    cursor: pointer; /\* Changes the cursor to a pointer to indicate it's clickable \*/

    background-color: rgb(0,146,69); /\* Green background to make it stand out as a positive action button \*/

    transition-duration: .1s; /\* Short transition duration for tactile feedback \*/

}

.okButton:hover {

    opacity: 0.9; /\* Slightly reduces opacity on hover for a subtle interaction effect \*/

    font-size: 28px; /\* Increases font size on hover for emphasis \*/

    transition-duration: .1s; /\* Maintains a quick response to hover interactions \*/

}

### Delete Customer

A screenshot of a computer

Description automatically generated

#### deleteCustomer.php

<?php

/\*\*

 \* NAME:           ABDULLAH JOBBEH

 \* DESCRIPTION:    DELETE CUSTOMER FILE FOR DELETING CUSTOMER FROM DATABASE

 \* DATE:           1/4/2024

 \* STUDENT ID:     C00284285

 \*/

// Start or resume a session

session\_start();

// Include database connection details from an external file

include '../../../db.inc.php';

// Handle reset action if specified in the GET request

if (isset($\_GET['action']) && $\_GET['action'] == 'resetMessage') {

    unset($\_SESSION['form\_submitted']);  // Clear the session flag for form submission

    header('Location: deleteCustomer.php');  // Redirect to the main page to prevent resubmission

    exit;  // Stop script execution

}

// Check if there is a message stored in the session and retrieve it

$message = isset($\_SESSION['message']) ? $\_SESSION['message'] : '';

// Check if the form has been submitted and it is the first submission

if ($\_SERVER['REQUEST\_METHOD'] == 'POST' && !isset($\_SESSION['form\_submitted'])) {

    // SQL query to mark a customer as deleted based on customer ID from form input

    $sql = "UPDATE customer SET isDeleted = '1' WHERE customerID = '{$\_POST['customerIdetity']}'";

    // Execute the SQL query

    if (mysqli\_query($con, $sql)) {

        // Check if any rows were affected (to confirm that the record was actually updated)

        if (mysqli\_affected\_rows($con) > 0) {

            $message = "RECORD DELETED SUCCESSFULLY. ID: " . $\_POST['customerIdetity'];

        } else {

            $message = "NO CHANGES WERE MADE TO THE RECORD. ID: " . $\_POST['customerIdetity'];

        }

    } else {

        // If SQL execution fails, capture and store the error message

        $message = "An Error in the SQL Query: " . mysqli\_error($con);

    }

    // Set a session variable to indicate that the form has been submitted

    $\_SESSION['form\_submitted'] = true;

} elseif (isset($\_SESSION['form\_submitted'])) {

    // Inform the user that the form has already been submitted if they try to submit again

    $message = "YOU HAVE ALREADY SUBMITTED THE FORM";

}

// If the request method is not POST, reset the form submission flag

if ($\_SERVER['REQUEST\_METHOD'] != 'POST') {

    unset($\_SESSION['form\_submitted']);

    $message = '';  // Clear any previous messages

}

// Close the database connection

mysqli\_close($con);

?>

<!DOCTYPE html>

<html lang="en">

    <head>

        <!-- Link to external css -->

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

        <title>Delete Stock Item</title>

    </head>

    <body>

        <!-- Static header of the page -->

        <div class="header">

            <!-- Logo in the top left corner -->

            <div class="logo">

                <a href="../../../menu.html"><img src="../../../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

            </div>

            <!-- Menu button that displays the menu links -->

            <div class="menu\_button" id="menu\_button">

                <p class="menu">MENU</p>

            </div>

            <!-- Name of the current page -->

            <div class="page\_name">

                <p class="page">DELETE CUSTOMER</p>

            </div>

            <!-- Links to other pages that show up with the click on Menu button -->

            <div class="links" id="links">

                <div class="link" style="top: 5px; left: 0;">

                    <a style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

                </div>

                <div class="link" style="top: 50px; left: 0;">

                    <a href="../../../DispenseDrugs/dispenseDrugs.php" style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

                </div>

                <div class="link" style="top: 0; left: 350px">

                    <a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

                </div>

                <div class="link" style="top: 50px; left: 350px">

                    <a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

                </div>

                <div class="link" style="top: 0; left: 820px">

                    <a href="../../fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

                </div>

                <div class="link" style="top: 50px; left: 820px">

                    <a style="margin: 0; color: white; font-size: 30px;">REPORTS MENU</a>

                </div>

            </div>

            <!-- Logout logo and button -->

            <div class="logout">

                <a href="../../../logIn.html"><img src="../../../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

            </div>

        </div>

        <!-- The form, that calls validateForm() function when submitted -->

        <form method="post" onsubmit="return validateForm()">

            <div class="form\_line">

                <!-- Automatically populated dropdown list of all not-deleted CUSTOMERS -->

                <label for="customerIdetity">SELECT CUSTOMER</label>

                <select name="customerIdetity" id="customerIdetity" onclick="populate()" required>

                    <option value="">Select CUSTOMER</option>

                    <?php

                    include '../../../db.inc.php';

                // Query to fetch all customers who are not marked as deleted

                    $sql = "SELECT customerID, customerSurname, customerName, Address1, eircode, dateOfBirth, telephoneNumber

                        FROM customer

                        WHERE customer.isDeleted = 0

                        ORDER BY customerSurname ASC";

                    // Run the query

                    $result = mysqli\_query($con, $sql);

                    if (!empty($con)) {

                        $result = mysqli\_query($con, $sql);

                    }

                // Populate dropdown with customer names

                    if ($result) {

                        while ($row = mysqli\_fetch\_assoc($result)) {

                            // Combine all relevant details with a delimiter (comma)

                        $details = implode(',', $row);  // Create a string of customer details

                            echo '<option value="'.$row['customerID'].'" data-details="'.$details.'">'.$row['customerSurname'].'</option>';

                        }

                    } else {

                        echo '<option value="">Failed to load customers</option>'; // Output failed to load doctors message

                    }

                    mysqli\_close($con); // Close database connection again

                    ?>

                </select>

            </div>

            <div class="form\_line" style="margin-top: 30px;">

                <label for="customerid">CUSTOMER ID</label>

                <input type="number" id="customerid" name="customerid" pattern="[0-9]+" required disabled>

            </div>

            <div class="form\_line">

                <label for="firstname">FIRST NAME</label>

                <input type="text" id="firstname" name="firstname" pattern="[A-Za-z]+" required disabled>

            </div>

            <div class="form\_line">

                <label for="lastname"> LAST NAME</label>

                <input type="text" id="lastname" name="lastname"  pattern="[A-Za-z]+" required disabled>

            </div>

            <div class="form\_line">

            <label for="address">ADDRESS</label>

                <input type="text" id="address" name="address" pattern="[0-9A-Za-z\s]+" required disabled>

            </div>

            <div class="form\_line">

                <label for="eircode">EIRCODE</label>

                <input type="text" id="eircode" name="eircode"  pattern="[A-Za-z]{1}[0-9]{2}[A-Za-z]{2}[0-9]{2}" required disabled>

            </div>

            <div class="form\_line">

                <label for="dob">DATE OF BIRTH</label>

                <input type="date" id="dob" name="dob"   required disabled>

            </div>

            <div class="form\_line">

                <label for="telephonenumber">NUMBER</label>

                <input type="number" id="telephonenumber" name="telephonenumber"  pattern="[0-9\s+\-]+" required disabled>

            </div>

            <!-- Save button -->

            <div class="form\_line">

                <span></span>

                <input type="submit" value="DELETE" id="deleteButton"/>

            </div>

            <div class="form\_line">

                <div class="deleted" id="deleted">

                    <br><br><br>

                    <?php if (!empty($message)) : ?>

                        <p><?php echo $message; ?></p>

                        <!-- OK button to reset the message -->

                        <div class="okButton"><a href="deleteCustomer.php?action=resetMessage" class="okText">OK</a></div>

                    <?php endif; ?>

                </div>

            </div>

        </form>

        <!-- Link to external JS -->

        <script src="deleteCustomer.js"></script>

    </body>

</html>

#### deleteDoctor.js

/\*

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    JAVA SCRIPT FILE FOR DELETING CUSTOMER FROM A DATABASE

    DATE:           1/4/2024

    STUDENTID:      C00284285

\*/

/\* Function for the MENU button behaviour \*/

/\* Handles the behavior of the menu button to toggle visibility of the navigation links. \*/

document.getElementById('menu\_button').addEventListener('click', function() {

    var links = document.querySelector('.links');

    var menu\_button = document.querySelector('.menu\_button');

    var page\_name = document.querySelector('.page\_name');

    if (links.style.display === 'none' || links.style.display === '') {

        links.style.display = 'block'; // Show the navigation links

        menu\_button.style.transform = 'scale(1.2)'; // Enlarge the MENU button

        page\_name.style.display = 'none'; // Hide the page name

    } else {

        links.style.display = 'none'; // Hide the navigation links

        menu\_button.style.transform = 'scale(1.05)'; // Return MENU button size to normal

        page\_name.style.display = 'block'; // Show the page name

    }

});

/\* Changes the background color of the select element based on the selected option \*/

document.getElementById("customerIdetity").addEventListener("change", function () {

    var select = this;

    if (select.value !== "") {

        select.style.backgroundColor = "#727272"; // Darken background for non-empty selection

    } else {

        select.style.backgroundColor = "rgb(0, 146, 69)"; // Reset background for empty selection

    }

});

/\* Populates form fields based on the selected customer from the dropdown menu \*/

function populate() {

    var sel = document.getElementById("customerIdetity");

    var result = sel.options[sel.selectedIndex].value;

    var details = sel.options[sel.selectedIndex].getAttribute("data-details");

    if (result === "") {

        // Clear all fields if no customer is selected

        document.getElementById("customerid").value = "";

        document.getElementById("firstname").value = "";

        document.getElementById("lastname").value = "";

        document.getElementById("address").value = "";

        document.getElementById("eircode").value = "";

        document.getElementById("dob").value = "";

        document.getElementById("telephonenumber").value = "";

    } else {

        // Split the details and assign them to form fields

        var customerDetails = details.split(',');

        document.getElementById("customerid").value = customerDetails[0];

        document.getElementById("firstname").value = customerDetails[1];

        document.getElementById("lastname").value = customerDetails[2];

        document.getElementById("address").value = customerDetails[3];

        document.getElementById("eircode").value = customerDetails[4];

        document.getElementById("dob").value = customerDetails[5];

        document.getElementById("telephonenumber").value = customerDetails[6];

    }

}

/\* Automatically scroll to the message section if a message exists when the page is loaded \*/

document.addEventListener("DOMContentLoaded", function() {

    var messageDiv = document.getElementById("deleted");

    var message = messageDiv.textContent || messageDiv.innerText;

    if (message.trim().length > 1) {

        messageDiv.style.display = "block"; // Ensure the message div is visible

        messageDiv.scrollIntoView({ behavior: 'smooth', block: 'start' }); // Smoothly scroll to the message div

    } else {

        messageDiv.style.display = "none"; // Hide the message div if there is no message

    }

});

/\* Confirm the action with the user before deleting an item \*/

function confirmChanges(){

    return confirm("Are you sure you want to delete this Customer?"); // Display a confirmation dialog

}

/\* Validates the form before submission to ensure all conditions for deletion are met \*/

function validateForm(){

    var sel = document.getElementById("customerIdetity");

    var details = sel.options[sel.selectedIndex].getAttribute("data-details");

    var customerDetails = details.split(',');

    // Example condition: Ensure specific fields meet criteria before allowing deletion

    if(customerDetails[2] > 0 || customerDetails[5] > 0) {

        alert("You cannot delete this Customer."); // Alert the user if conditions are not met

        return false; // Prevent form submission

    }

    return confirmChanges(); // Ask for user confirmation before proceeding

}

#### deleteCustomer.css

/\*

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    CSS FILE FOR DELETING CUSTOMER FROM  DATABASE

    DATE:           1/4/2024

    STUDENTID:      C00284285

\*/

/\* Basic styling for the entire body of the document \*/

body {

    font-family: "JetBrains Mono";  /\* Monospace font for a clean, uniform look \*/

    background-color: #727272;      /\* Medium gray background \*/

    height: 1200px;                 /\* Fixed height of the page \*/

    padding: 0;                     /\* No padding \*/

    margin: 0;                      /\* No margin \*/

}

/\* Positioning and style rules for links within the application \*/

.link {

    position: absolute;             /\* Absolute positioning for precise placement \*/

    width: fit-content;             /\* Width to fit its content \*/

    height: 40px;                   /\* Fixed height \*/

}

/\* Header styles, positioning it fixed at the top of the page \*/

.header {

    z-index: 1;                     /\* Ensures header is on top of other content \*/

    padding: 0;                     /\* No padding to keep elements tightly organized \*/

    margin: 0;                      /\* No margin \*/

    position: fixed;                /\* Fixed position at the top of the viewport \*/

    width: 100%;                    /\* Full viewport width \*/

    height: 150px;                  /\* Fixed height \*/

    background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%); /\* Gradient background from gray to green \*/

}

/\* Styles for the logo, including positioning and hover effects \*/

.logo {

    user-select: none;              /\* Prevents the logo from being selectable \*/

    position: absolute;             /\* Absolute position within the header \*/

    top: 5px;                       /\* Positioned 5px from the top \*/

    left: 10px;                     /\* Positioned 10px from the left \*/

}

.logo:hover {

    transform: scale(1.05);         /\* Slightly enlarge the logo on hover \*/

    transition-duration: .5s;       /\* Transition effect duration \*/

}

.logo:not(:hover) {

    transform: scale(1);            /\* Return to normal size when not hovered \*/

    transition-duration: .5s;       /\* Transition effect duration \*/

}

/\* Logout button styles with hover effects for interactivity \*/

.logout {

    user-select: none;              /\* Prevents the logout icon from being selectable \*/

    position: absolute;             /\* Absolute position within the header \*/

    top: -10px;                     /\* Positioned slightly above the top \*/

    right: 0;                       /\* Aligned to the right edge \*/

}

.logout:hover {

    transform: scale(1.1);          /\* Enlarge on hover \*/

    transition-duration: .5s;       /\* Transition effect duration \*/

}

.logout:not(:hover) {

    transform: scale(1);            /\* Return to normal size when not hovered \*/

    transition-duration: .5s;       /\* Transition effect duration \*/

}

/\* Styles for additional links that appear conditionally \*/

.links {

    display: none;                  /\* Initially hidden \*/

    position: absolute;             /\* Absolute position for placement \*/

    width: 1200px;                  /\* Set width \*/

    height: 90px;                   /\* Set height \*/

    left: 420px;                    /\* Positioned from the left \*/

    top: 15px;                      /\* Positioned from the top \*/

}

/\* Main menu text styling and hover effects \*/

.menu {

    user-select: none;              /\* Prevents menu text from being selectable \*/

    position: fixed;                /\* Fixed position to remain visible \*/

    margin: 0;                      /\* No margin \*/

    color: white;                   /\* Text color \*/

    font-size: 64px;                /\* Large font size for visibility \*/

    font-weight: 800;               /\* Bold font weight \*/

}

.menu:hover {

    transform: scale(1.05);         /\* Slightly enlarge text on hover \*/

    transition-duration: .5s;       /\* Transition effect duration \*/

}

.menu:not(:hover) {

    transform: scale(1);            /\* Return to normal size when not hovered \*/

    transition-duration: .5s;       /\* Transition effect duration \*/

}

/\* Positioning and styling of the menu button within the header \*/

.menu\_button {

    position: absolute;             /\* Absolute positioning \*/

    width: 170px;                   /\* Fixed width \*/

    height: 80px;                   /\* Fixed height \*/

    left: 170px;                    /\* Positioned from the left \*/

    top: 18px;                      /\* Positioned from the top \*/

    transition-duration: .5s;       /\* Smooth transition for interactive effects \*/

}

/\* Styling for all anchor tags within the application \*/

a {

    user-select: none;              /\* Prevents text selection \*/

    text-decoration: none;          /\* No underline \*/

    transition-duration: .1s;       /\* Quick transition for hover effects \*/

}

a:hover {

    font-weight: 800;               /\* Bold text on hover \*/

    transition-duration: .1s;       /\* Quick transition for smoothness \*/

}

/\* Page title styling for clear visibility and emphasis \*/

.page {

    user-select: none;              /\* Prevents text selection \*/

    color: white;                   /\* White text for contrast \*/

    font-size: 64px;                /\* Large font size for visibility \*/

    font-weight: 600;               /\* Semi-bold for distinction \*/

    margin: 0;                      /\* No additional spacing \*/

}

/\* Positioning and styling for the page title within the layout \*/

.page\_name {

    position: absolute;             /\* Absolute positioning for precise placement \*/

    top: 18px;                      /\* Positioned from the top \*/

    left: 600px;                    /\* Positioned from the left \*/

}

/\* Flexbox layout for form lines for consistent alignment and spacing \*/

.form\_line {

    display: flex;                  /\* Enables flexbox layout \*/

    flex-direction: row;            /\* Horizontal layout \*/

    align-items: center;            /\* Vertical center alignment of items \*/

    justify-content: space-between; /\* Spacing between items \*/

}

/\* Base styles for forms within the application \*/

form {

    position: relative;             /\* Relative positioning within its container \*/

    margin: auto;                   /\* Centering horizontally \*/

    height: 600px;                  /\* Fixed height \*/

    top: 200px;                     /\* Offset from the top \*/

    color: white;                   /\* Text color \*/

    width: 70%;                     /\* Relative width to its container \*/

    user-select: none;              /\* Prevents form elements from being selectable \*/

}

/\* Label styling within forms for clarity and emphasis \*/

label {

    font-size: 36px;                /\* Large font size for readability \*/

    font-weight: 600;               /\* Bold for emphasis \*/

}

/\* Styling for input fields and select elements for a unified appearance \*/

input[type="text"],

input[type="number"],

input[type="date"],

select {

    font-family: "JetBrains Mono";  /\* Monospace font for uniform appearance \*/

    color: white;                   /\* Text color \*/

    font-size: 24px;                /\* Suitable font size for readability \*/

    font-weight: 400;               /\* Normal font weight \*/

    background-color: rgb(0,146,69); /\* Background color \*/

    width: 800px;                   /\* Consistent width \*/

    height: 30px;                   /\* Fixed height \*/

    padding: 10px;                  /\* Padding for text \*/

    margin: 12px 0;                 /\* Vertical margin for spacing \*/

    border: 3px white solid;        /\* White border for visibility \*/

    border-radius: 8px;             /\* Rounded corners for aesthetics \*/

}

/\* Submit button styling with hover effects for interactivity \*/

input[type="submit"] {

    font-family: "JetBrains Mono";  /\* Consistent font family \*/

    color: white;                   /\* Text color \*/

    font-size: 36px;                /\* Large font size for visibility \*/

    font-weight: 600;               /\* Bold for emphasis \*/

    border: 3px white solid;        /\* Solid white border \*/

    border-radius: 8px;             /\* Rounded corners \*/

    background-color: #727272;      /\* Background color \*/

    margin-bottom: 30px;            /\* Bottom margin for spacing \*/

    margin-top: 20px;               /\* Top margin for spacing \*/

    transition-duration: .1s;       /\* Quick transition for effects \*/

    width: 175px;                   /\* Fixed width \*/

    height: 75px;                   /\* Fixed height \*/

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

}

input[type="submit"]:hover {

    font-weight: 800;               /\* Bold on hover \*/

    font-size: 40px;                /\* Increase font size on hover \*/

    border: 5px white solid;        /\* Thicker border on hover \*/

    transition-duration: .1s;       /\* Quick transition for smooth effects \*/

}

/\* Styling for select elements within forms \*/

select {

    width: 825px;                   /\* Width slightly larger than inputs \*/

    height: 56px;                   /\* Taller for easier interaction \*/

}

/\* Styling for valid options within select elements \*/

option:valid {

    background-color: #727272;      /\* Darker background for selected valid options \*/

}

/\* Placeholder styling for inputs \*/

input::placeholder {

    color: rgba(255, 255, 255, 0.5); /\* Light white for placeholders, semi-transparent \*/

}

/\* Styling for inputs when they contain valid data \*/

input:valid {

    background-color: #727272;      /\* Darker background indicates valid input \*/

}

/\* Styling for message display area when records are deleted \*/

.deleted {

    display: none;                  /\* Initially hidden \*/

    font-size: 36px;                /\* Large font size for visibility \*/

    font-weight: 600;               /\* Semi-bold for emphasis \*/

}

/\* Styles for the OK button used for confirmations \*/

.okButton {

    position: absolute;             /\* Absolute positioning for precise placement \*/

    left: 45%;                      /\* Centered horizontally \*/

    font-size: 24px;                /\* Font size for readability \*/

    font-weight: 400;               /\* Normal font weight \*/

    margin-top: -20px;              /\* Positioned slightly higher \*/

    width: 195px;                   /\* Fixed width \*/

    height: 45px;                   /\* Fixed height \*/

    border-radius: 8px;             /\* Rounded corners \*/

    border: 3px white solid;        /\* White border for visibility \*/

    cursor: pointer;                /\* Cursor changes to pointer to indicate clickable \*/

    background-color: rgb(0,146,69); /\* Green background color \*/

    transition-duration: .1s;       /\* Quick transition for interactive effects \*/

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

}

.okButton:hover {

    opacity: 0.9;                   /\* Slightly transparent on hover \*/

    font-size: 28px;                /\* Increase font size on hover \*/

    transition-duration: .1s;       /\* Quick transition for smooth effects \*/

}

### CounterSale

A screenshot of a counter sale

Description automatically generated

#### counterSale.php

<!--

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:     COUNTER SALE FILE FOR BUYING

    DATE:           1/4/2024

    STUDENTID:      C00284285

-->

<?php

// Start session to store user data across different pages

session\_start();

// Include the database connection settings

include '../db.inc.php';

// Initialize the shopping cart session array if not already set

if (!isset($\_SESSION['cart'])) {

    $\_SESSION['cart'] = [];

}

// Check if the request method is POST

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

    // Add item to cart

    if (isset($\_POST['addItem'])) {

        // Retrieve item details from the form submission

        $itemID = $\_POST['itemID'];

        $quantity = $\_POST['quantity'];

        $time = $\_POST['time']; // Assuming time is also to be stored

        // Fetch price and description of the item from the database

        $sql = "SELECT retailPrice, description FROM stock WHERE stockID = '$itemID'";

        $result = mysqli\_query($con, $sql);

        if ($row = mysqli\_fetch\_assoc($result)) {

            // Add item details to the session cart array

            $\_SESSION['cart'][] = [

                'description' => $row['description'],

                'quantity' => $quantity,

                'price' => $row['retailPrice'],

                'total' => $row['retailPrice'] \* $quantity,

                'time' => $time

            ];

            $\_SESSION['message'] = "Item added successfully!";

        } else {

            $\_SESSION['message'] = "Failed to retrieve item.";

        }

    } elseif (isset($\_POST['finalizeSale'])) {

        // Process final sale

        $totalCost = 0;

        // Loop through cart items to calculate total cost and update stock

        foreach ($\_SESSION['cart'] as $item) {

            $totalCost += $item['total'];

            $description = $item['description'];

            $quantity = $item['quantity'];

            // Update stock quantities in the database

            $sql = "UPDATE stock SET quantityInStock = quantityInStock - '$quantity' WHERE description = '$description'";

            mysqli\_query($con, $sql);

        }

        // Insert sale details into Counter Sales Table

        $sql = "INSERT INTO countersale (dateOfSale, totalPrice, timeOfSale) VALUES (NOW(), '$totalCost', '$time')";

        mysqli\_query($con, $sql);

        // Clear the cart after finalizing the sale

        unset($\_SESSION['cart']);

        $\_SESSION['message'] = "Sale finalized successfully! Total Price: " . $totalCost;

        header('Location: counterSale.php');

        exit;

    }

}

// Retrieve items for the dropdown menu

$sql = "SELECT stockID, description FROM stock WHERE quantityInStock > 0";

$items = mysqli\_query($con, $sql);

// Close database connection

mysqli\_close($con);

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Counter Sales</title>

    <link rel="stylesheet" href="counterSale.css"> <!-- Link to external CSS file -->

</head>

<body>

    <!-- Page header section -->

    <div class="header">

    <div class="logo">

                <a href="../menu.html"><img src="../Resources/logo6.png" width="110px" height="110px" alt="logo"></a>

            </div>

            <div class="menu\_button" id="menu\_button">

                <p class="menu">MENU</p>

            </div>

            <div class="page\_name">

                <p class="page">COUNTER SALE</p>

            </div>

            <div class="links" id="links">

                <div class="link" style="top: 5px; left: 0;">

                    <a href="../CounterSales/counterSale.html" style="margin: 0; color: white; font-size: 30px;">COUNTER SALES</a>

                </div>

                <div class="link" style="top: 50px; left: 0;">

                    <a style="margin: 0; color: white; font-size: 30px;">DISPENSE DRUGS</a>

                </div>

                <div class="link" style="top: 0; left: 350px">

                    <a style="margin: 0; color: white; font-size: 30px;">STOCK CONTROL MENU</a>

                </div>

                <div class="link" style="top: 50px; left: 350px">

                    <a style="margin: 0; color: white; font-size: 30px;">SUPPLIER ACCOUNTS MENU</a>

                </div>

                <div class="link" style="top: 0; left: 820px">

                    <a href="fileMaintenanceMenu.html" style="margin: 0; color: white; font-size: 30px;">FILE MAINTENANCE MENU</a>

                </div>

                <div class="link" style="top: 50px; left: 820px">

                    <a style="margin: 0; color: white; font-size: 30px;" href="../ReportsMenu/reportsMenu.html">REPORTS MENU</a>

                </div>

            </div>

            <div class="logout">

                <a href="../logIn.html"><img src="../Resources/logout3.png" width="160px" height="160px" alt="logo"></a>

            </div>

    </div>

    <!-- Sale form -->

    <form method="post" action="counterSale.php">

        <!-- Select item dropdown -->

        <div class="form\_line">

            <label for="itemID">Select Item:</label>

            <select name="itemID" required>

                <option value="">Select An Item</option>

                <?php

                // Populate dropdown with items from the database

                while ($row = mysqli\_fetch\_assoc($items)) {

                    echo "<option value=\"{$row['stockID']}\">{$row['description']}</option>";

                }

                ?>

            </select>

        </div>

        <!-- Input for quantity -->

        <div class="form\_line">

            <label for="quantity">Quantity:</label>

            <input type="number" name="quantity" min="1" required>

        </div>

        <!-- Input for sale time -->

        <div class="form\_line">

            <label for="time">Time Of Sale:</label>

            <input type="text" name="time" required>

        </div>

        <!-- Button to add item to the sale -->

        <div class="form\_line">

            <button type="submit" name="addItem" id="addsale">Add Item</button>

            <!-- Button to finalize the sale -->

            <button type="submit" name="finalizeSale" id="finalizeSale" style="margin-left: 10px;">Finalize Sale</button>

            <input type="reset" value="CLEAR" id="clear"/>

        </div>

    </form>

    <!-- Display messages or results -->

    <div class="form\_line">

        <div class="amended" id="amended">

            <?php if (isset($\_SESSION['message'])) : ?>

                <p><?php echo $\_SESSION['message']; ?></p>

                <!-- Reset message -->

                <div class="okButton"><a href="counterSale.php?action=resetMessage" class="okText">OK</a></div>

            <?php

                unset($\_SESSION['message']);

            endif; ?>

        </div>

    </div>

</body>

</html>

#### counterSale.js

/\*

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    JAVA SCRIPT FILE FOR COUNTER SALE

    DATE:           1/4/2024

    STUDENTID:      C00284285

\*/

// Function for the MENU button behaviour

document.getElementById('menu\_button').addEventListener('click', function() {

    var links = document.querySelector('.links');

    var menu\_button = document.querySelector('.menu\_button');

    var page\_name = document.querySelector('.page\_name');

    if (links.style.display === 'none' || links.style.display === '') {

        links.style.display = 'block'; // Show the links

        menu\_button.style.transform = 'scale(1.2)'; // Make the MENU larger

        page\_name.style.display = 'none';

    } else {

        links.style.display = 'none'; // Hide the links

        menu\_button.style.transform = 'scale(1.05)'; // Make the MENU smaller

        page\_name.style.display = 'block';

    }

});

function confirmChanges(){

    // May be: "Please confirm that the details are correct"

    return confirm("Are you sure you want to make these changes?"); // Display confirmation dialog and return user's choice

}

function validateForm(){

    return confirmChanges();

}

function updatePrice() {

    const select = document.getElementById("itemID");

    const price = select.options[select.selectedIndex].dataset.price || 0;

    calculateTotal(price);

}

function calculateTotal(price) {

    const quantity = parseInt(document.getElementById("quantity").value || 0);

    const total = price \* quantity;

    document.getElementById("totalCost").value = total.toFixed(2);

}

function resetForm() {

    document.getElementById("totalCost").value = '';

}

#### counterSale.css

/\*

    NAME:           ABDULLAH JOBBEH

    DESCRIPTION:    CSS FILE FOR ADDING CUSTOMER TO A DATABASE

    DATE:           1/4/2024

    STUDENTID:      C00284285

\*/

body {

    font-family: "JetBrains Mono"; /\* Sets the font family for the entire body \*/

    background-color: #727272; /\* Background color of the page \*/

    padding: 0; /\* Removes padding \*/

    margin: 0; /\* Removes margin \*/

}

.link {

    position: absolute; /\* Positioning is absolute, relative to its positioned ancestor \*/

    width: fit-content; /\* Width is the minimum size to contain its contents \*/

    height: 40px; /\* Fixed height \*/

}

.header {

    padding: 0; /\* No padding \*/

    margin: 0; /\* No margin \*/

    position: fixed; /\* Header is fixed at the top of the page \*/

    width: 100%; /\* Full width \*/

    height: 150px; /\* Height of the header \*/

    background: rgb(114,114,114); /\* Background color \*/

    background: linear-gradient(0deg, rgba(114,114,114,1) 0%, rgba(0,146,69,1) 25%); /\* Gradient color from grey to green \*/

}

.logo {

    user-select: none; /\* Prevents text selection \*/

    position: absolute; /\* Absolute positioning \*/

    top: 5px; /\* 5 pixels from the top \*/

    left: 10px; /\* 10 pixels from the left \*/

}

.logo:hover {

    transform: scale(1.05); /\* Scales up the logo on hover \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.logo:not(:hover) {

    transform: scale(1); /\* Returns logo to original scale when not hovered \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.logout {

    user-select: none; /\* Prevents text selection \*/

    position: absolute; /\* Absolute positioning \*/

    top: -10px; /\* -10 pixels from the top \*/

    right: 0; /\* At the right edge \*/

}

.logout:hover {

    transform: scale(1.1); /\* Scales up the logout icon on hover \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.logout:not(:hover) {

    transform: scale(1); /\* Returns logout icon to original scale when not hovered \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.links {

    display: none; /\* Initially hides the navigation links \*/

    position: absolute; /\* Absolute positioning \*/

    width: 1200px; /\* Width of the links container \*/

    height: 90px; /\* Height of the links container \*/

    left: 420px; /\* 420 pixels from the left \*/

    top: 15px; /\* 15 pixels from the top \*/

}

.menu {

    user-select: none; /\* Prevents text selection \*/

    position: fixed; /\* Fixed position \*/

    margin: 0; /\* No margin \*/

    color: white; /\* Text color \*/

    font-size: 64px; /\* Font size \*/

    font-weight: 800; /\* Font weight \*/

}

.menu:hover {

    transform: scale(1.05); /\* Scales up the menu text on hover \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.menu:not(:hover){

    transform: scale(1); /\* Returns menu text to original scale when not hovered \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

.menu\_button {

    position: absolute; /\* Absolute positioning \*/

    width: 170px; /\* Width of the menu button \*/

    height: 80px; /\* Height of the menu button \*/

    left: 170px; /\* 170 pixels from the left \*/

    top: 18px; /\* 18 pixels from the top \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

a {

    text-decoration: none; /\* Removes underline from links \*/

}

a:hover {

    font-weight: 800; /\* Bold on hover \*/

}

.page {

    user-select: none; /\* Prevents text selection \*/

    color: white; /\* Text color \*/

    font-size: 64px; /\* Font size \*/

    font-weight: 600; /\* Font weight \*/

    margin: 0; /\* No margin \*/

}

.page\_name {

    position: absolute; /\* Absolute positioning \*/

    top: 18px; /\* 18 pixels from the top \*/

    left: 600px; /\* 600 pixels from the left \*/

}

.action {

    position: absolute; /\* Absolute positioning \*/

    width: fit-content; /\* Width to fit its contents \*/

    height: 40px; /\* Fixed height \*/

}

.action\_text {

    user-select: none; /\* Prevents text selection \*/

    margin: 0; /\* No margin \*/

    color: white; /\* Text color \*/

    font-size: 40px; /\* Font size \*/

    font-weight: 600; /\* Font weight \*/

}

label {

    font-size: 36px; /\* Font size \*/

    font-weight: 600; /\* Font weight \*/

}

.form\_line {

    display: flex; /\* Uses flexbox for layout \*/

    flex-direction: row; /\* Elements are in a row \*/

    align-items: center; /\* Centers items vertically \*/

    justify-content: space-between; /\* Space between the items \*/

}

form {

    position: relative; /\* Relative positioning \*/

    margin: auto; /\* Centers the form horizontally \*/

    height: 600px; /\* Height of the form \*/

    top: 200px; /\* 200 pixels from the top \*/

    color: white; /\* Text color \*/

    width: 70%; /\* Width is 70% of its container \*/

}

input[type="text"],

input[type="number"],

input[type="date"],

select {

    font-family: "JetBrains Mono"; /\* Font family \*/

    color: white; /\* Text color \*/

    font-size: 24px; /\* Font size \*/

    font-weight: 400; /\* Font weight \*/

    background-color: rgb(0,146,69); /\* Background color \*/

    width: 800px; /\* Width \*/

    height: 30px; /\* Height \*/

    padding: 10px; /\* Padding inside the input \*/

    margin: 12px 0; /\* Margin around the input \*/

    border: 3px white solid; /\* Border properties \*/

    border-radius: 8px; /\* Rounded corners \*/

}

select {

    width: 825px;

    height: 56px;

}

select:valid {

    background-color: #727272;

}

select:invalid {

    background-color: rgb(0,146,69);

}

::-webkit-calendar-picker-indicator {

    filter: invert(1); /\* Inverts the color of the date picker indicator \*/

}

input[type=date]:invalid::-webkit-datetime-edit {

    color: rgba(255, 255, 255, 0.5); /\* Color for invalid date input \*/

}

input::placeholder {

    color: rgba(255, 255, 255, 0.5); /\* Placeholder text color \*/

}

input:valid {

    background-color: #727272; /\* Background color when input is valid \*/

}

button[type="submit"], input[type="reset"] {

    font-family: "JetBrains Mono"; /\* Font family \*/

    color: white; /\* Text color \*/

    font-size: 24px; /\* Font size \*/

    font-weight: 400; /\* Font weight \*/

    margin-top: 50px; /\* Margin from the top \*/

    width: 200px; /\* Width \*/

    height: 50px; /\* Height \*/

    border-radius: 8px; /\* Rounded corners \*/

    border: 3px white solid; /\* Border properties \*/

    cursor: pointer; /\* Cursor type \*/

    background-color: rgb(0,146,69); /\* Background color \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

input[type="reset"] {

    background-color: #727272; /\* Background color for reset button \*/

}

button[type="submit"]:hover, input[type="reset"]:hover {

    opacity: 0.9; /\* Opacity on hover \*/

    font-size: 28px; /\* Font size on hover \*/

    transition-duration: .5s; /\* Transition effect duration \*/

}

## Val Lynam’s Work