

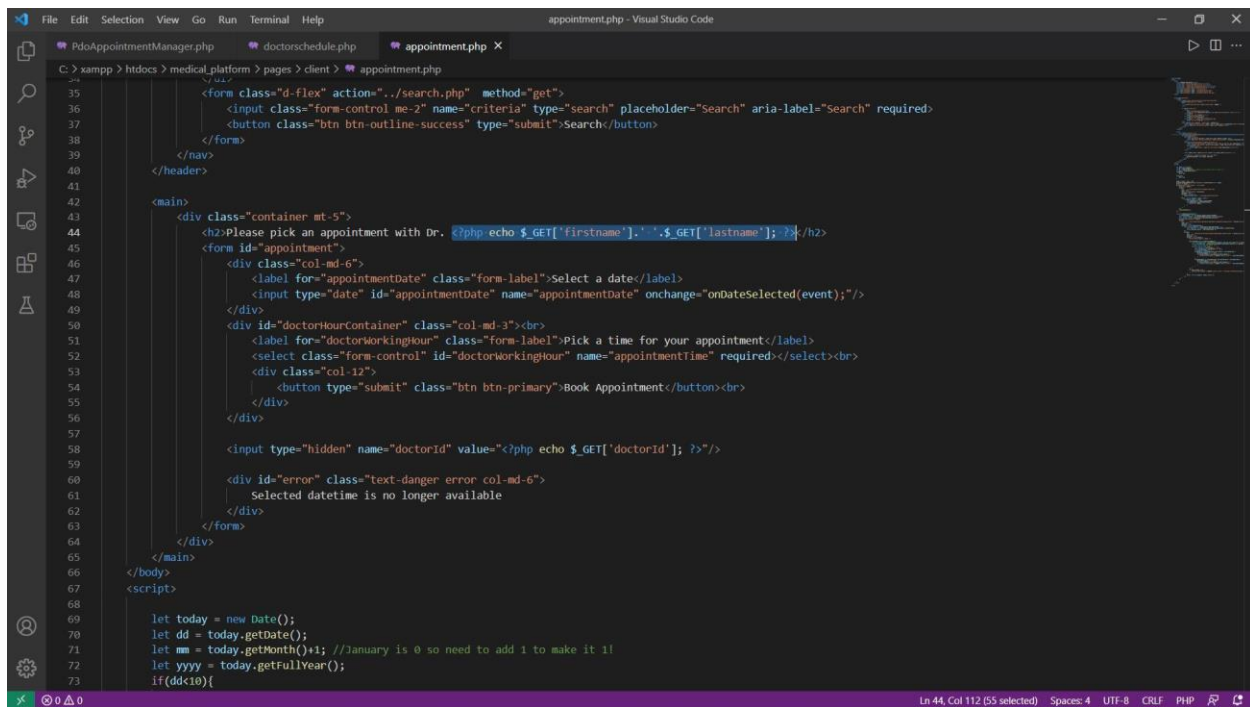
2PROJ Frontend Documentation:

The Frontend source codes are located in the pages folder of the project.

The Languages used in the creation of the frontend includes:

- HTML
- Bootstrap (CSS bundle used for responsive web design)
- JQuery
- Ajax (used to connect the frontend to the backend services and routes)
- PHP (minor PHP used for the hidden input)

Ex: We will use the appointment.php as a demonstration of how the php could come into play for some of the files.



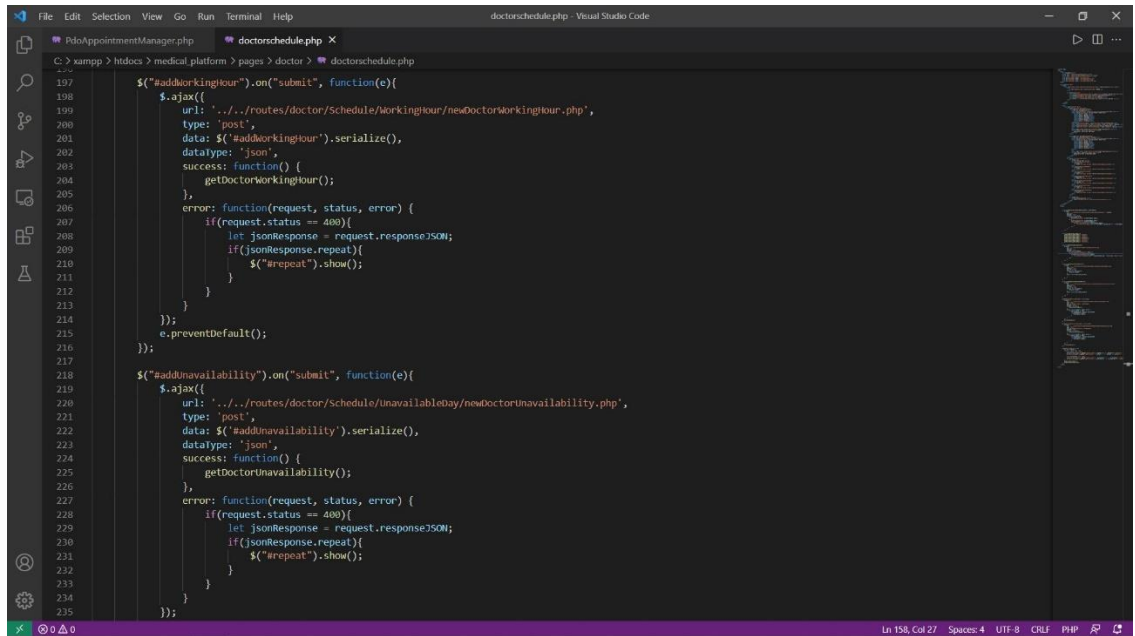
```
35 <form class="d-flex" action="search.php" method="get">
36 <input class="form-control me-2" name="criteria" type="search" placeholder="Search" aria-label="Search" required>
37 <button class="btn btn-outline-success" type="submit">Search</button>
38 </form>
39 </nav>
40 </header>
41
42 <main>
43 <div class="container mt-5">
44 <h2>Please pick an appointment with Dr. <?php echo $GET['firstname'].' '.$GET['lastname']; ?></h2>
45 <form id="appointment">
46 <div class="col-md-6">
47 <label for="appointmentDate" class="form-label">Select a date</label>
48 <input type="date" id="appointmentDate" name="appointmentDate" onchange="onDateSelected(event);"/>
49 </div>
50 <div id="doctorHourContainer" class="col-md-3"><br>
51 <label for="doctorWorkingHour" class="form-label">Pick a time for your appointment</label>
52 <select class="form-control" id="doctorWorkingHour" name="appointmentTime" required></select><br>
53 <div class="col-12">
54 <button type="submit" class="btn btn-primary">Book Appointment</button><br>
55 </div>
56 </div>
57
58 <input type="hidden" name="doctorId" value="<?php echo $GET['doctorId']; ?>" />
59
60 <div id="error" class="text-danger error col-md-6">
61 Selected datetime is no longer available
62 </div>
63 </form>
64 </div>
65 </main>
66 </body>
67 <script>
68
69 let today = new Date();
70 let dd = today.getDate();
71 let mm = today.getMonth()+1; //January is 0 so need to add 1 to make it 1!
72 let yyyy = today.getFullYear();
73 if(dd<10){
```

Each of the html page contains its proper JavaScript section that allows us to manipulate the html dynamically.

In the JavaScript, we defined each functionality of retrieving, creating, or deleting into their respective functions.

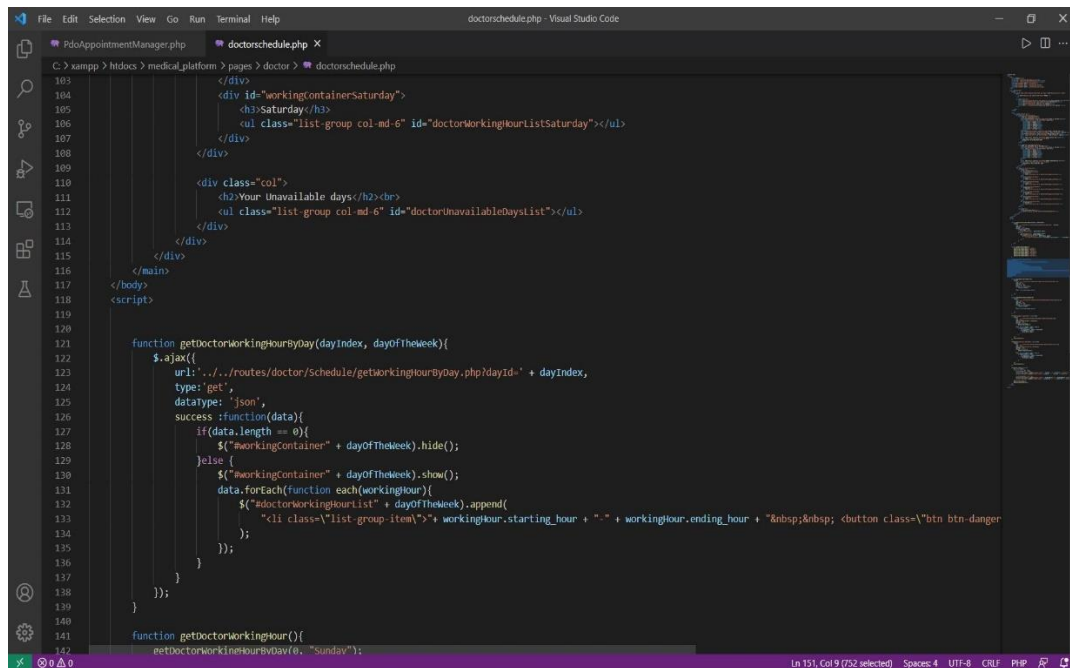
Ex: We will use the doctorschedule.php as a demonstration of how we structured each of the Html File.

- Creating



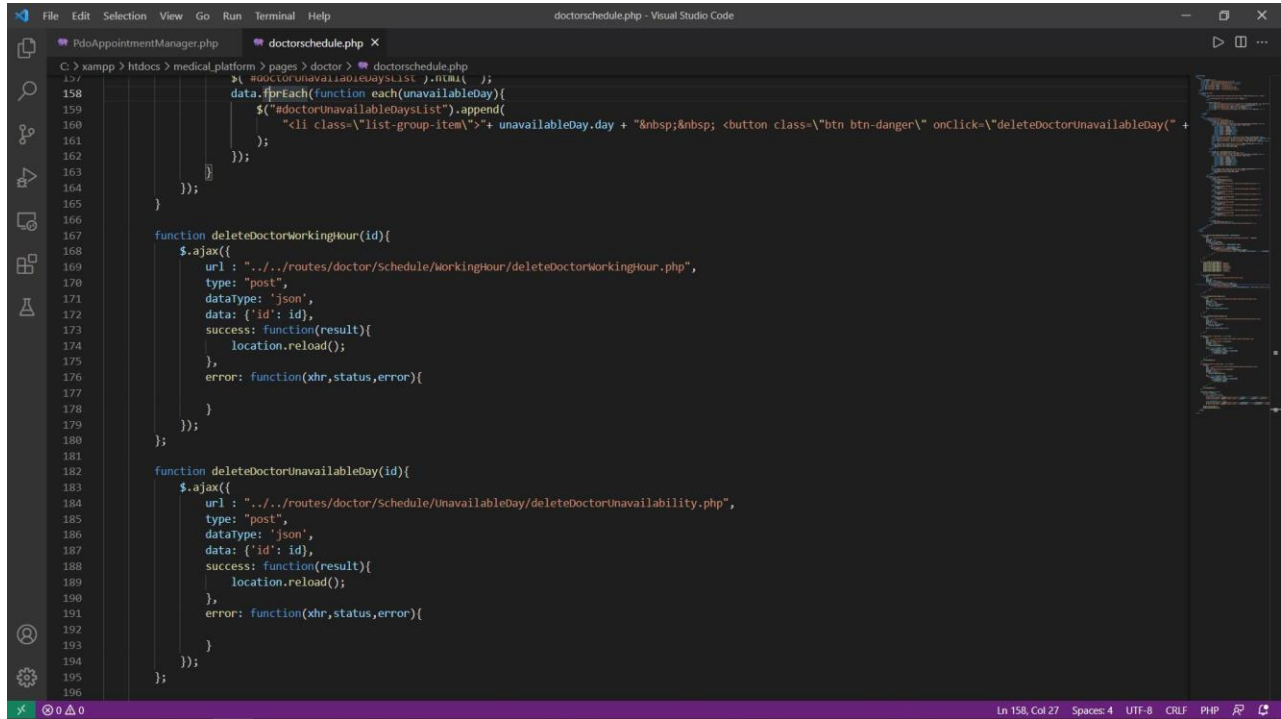
```
197 $( "#addworkinghour" ).on( "submit", function( e ) {
198     $.ajax({
199         url: '../routes/doctor/Schedule/workinghour/newDoctorWorkinghour.php',
200         type: 'post',
201         data: $('#addworkinghour').serialize(),
202         datatype: 'json',
203         success: function() {
204             getDoctorWorkinghour();
205         },
206         error: function( request, status, error ) {
207             if( request.status == 400 ) {
208                 let jsonResponse = request.responseJSON;
209                 if( jsonResponse.repeat ) {
210                     $('#repeat').show();
211                 }
212             }
213         }
214     });
215     e.preventDefault();
216 });
217
218 $( "#addunavailability" ).on( "submit", function( e ) {
219     $.ajax({
220         url: '../routes/doctor/Schedule/unavailableDay/newDoctorUnavailability.php',
221         type: 'post',
222         data: $('#addunavailability').serialize(),
223         datatype: 'json',
224         success: function() {
225             getDoctorUnavailability();
226         },
227         error: function( request, status, error ) {
228             if( request.status == 400 ) {
229                 let jsonResponse = request.responseJSON;
230                 if( jsonResponse.repeat ) {
231                     $('#repeat').show();
232                 }
233             }
234         }
235     });
236 });
```

- Retrieving



```
183 </div>
184 <div id="workingContainerSaturday">
185     <h3>Saturday</h3>
186     <ul class="list-group col-md-6" id="doctorWorkinghourListSaturday"></ul>
187 </div>
188 </div>
189
190 <div class="col">
191     <h2>Your Unavailable days</h2><br>
192     <ul class="list-group col-md-6" id="doctorUnavailableDayList"></ul>
193 </div>
194 </div>
195 </main>
196 </body>
197 <script>
198
199 function getDoctorWorkinghourByDay(dayIndex, dayOfTheWeek){
200     $.ajax({
201         url: '../routes/doctor/Schedule/getWorkinghourByDay.php?dayId=' + dayIndex,
202         type: 'get',
203         datatype: 'json',
204         success: function(data){
205             if(data.length == 0){
206                 $('#workingContainer' + dayOfTheWeek).hide();
207             }else {
208                 $('#workingContainer' + dayOfTheWeek).show();
209                 data.forEach(function each(workinghour){
210                     $('#doctorWorkinghourList' + dayOfTheWeek).append(
211                         "<li class='list-group-item'" + workinghour.starting_hour + " " + workinghour.ending_hour + "><button class='btn btn-danger"
212                     );
213                 });
214             }
215         }
216     });
217 }
218
219 function getDoctorWorkinghour(){
220     getDoctorWorkinghourByDay(0, "Sunday");
221 }
```

- Deleting



The screenshot shows a Visual Studio Code editor window with the file `doctorschedule.php` open. The code is written in PHP and includes two functions for deleting doctor schedule items. The first function, `deleteDoctorWorkingHour(id)`, uses `$.ajax` to send a POST request to `../routes/doctor/Schedule/WorkingHour/deleteDoctorWorkingHour.php`. The second function, `deleteDoctorUnavailableDay(id)`, uses `$.ajax` to send a POST request to `../routes/doctor/Schedule/UnavailableDay/deleteDoctorUnavailability.php`. Both functions include success and error callbacks. The status bar at the bottom indicates the current position is Line 158, Column 27, with 4 spaces, using UTF-8 encoding, CRLF line endings, and the PHP language.

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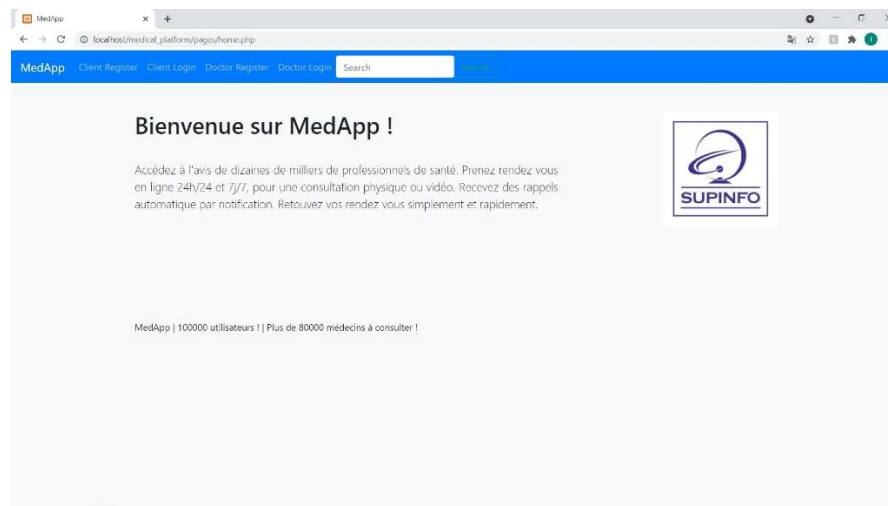
The pages of the frontend are divided in to **3 main groups**.

- **Website Main Pages:**

The website main pages are primarily used to welcome the user to the site and to get the users to sign up to the appropriate accounts based on their needs.

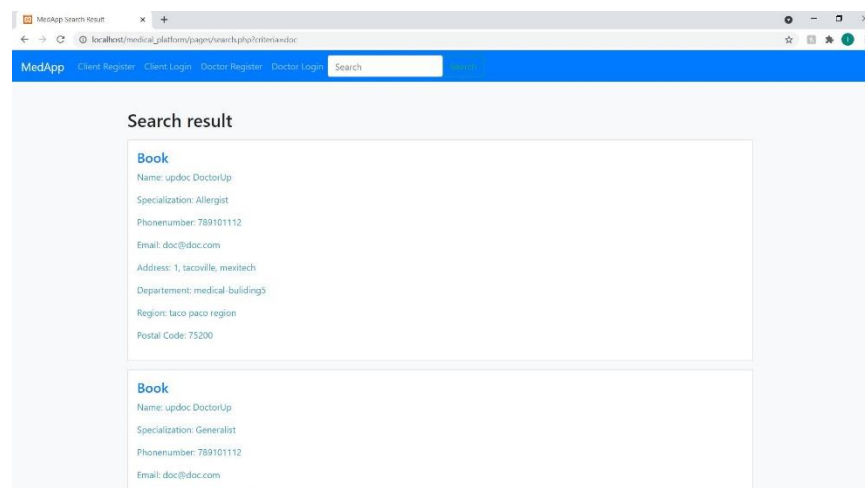
Home Page:

Is the first primary page that welcomes new and old user to the website.



Search Page:

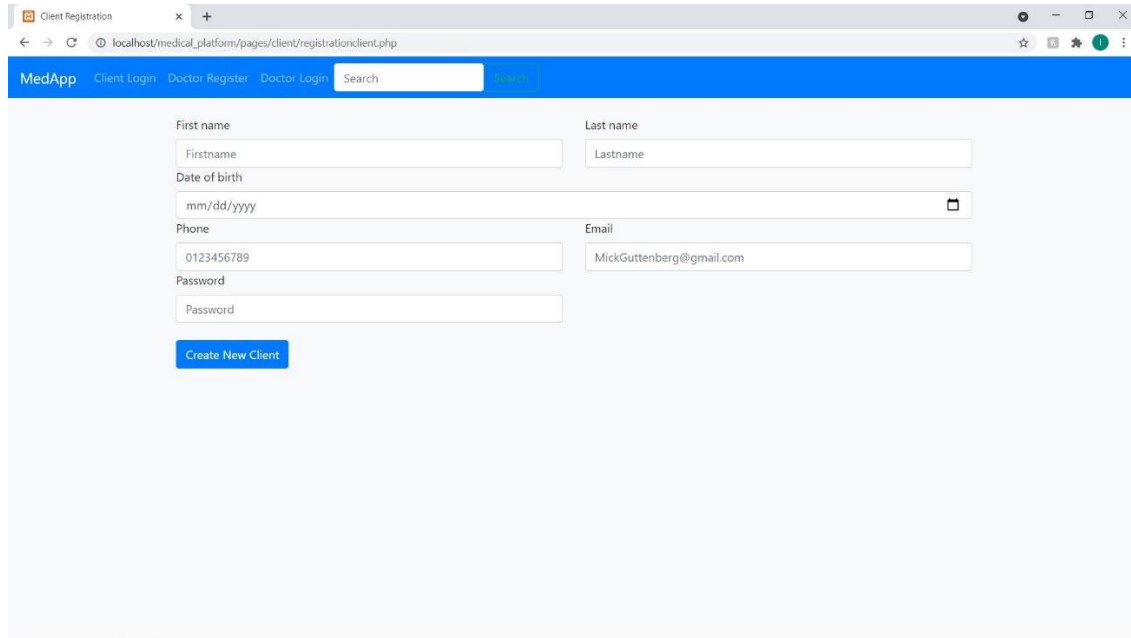
The search page allow user to find the doctor that they are looking for directly without needing any authentication.



Client Pages:

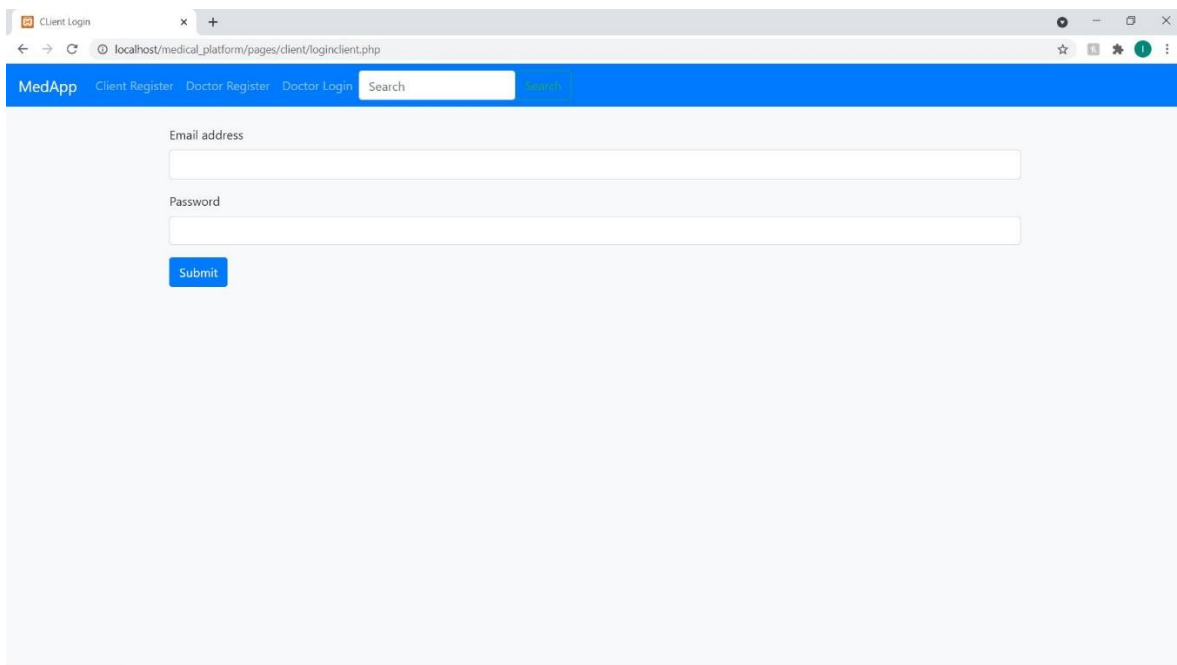
These pages are used to help the user sign up or authenticate as Client User on the website.

○ Client Registration Page



The screenshot shows a web browser window with the title "Client Registration". The address bar displays "localhost/medical_platform/pages/client/registrationclient.php". The page features a blue header with the "MedApp" logo and navigation links: "Client Login", "Doctor Register", and "Doctor Login". A search bar is also present in the header. The main content area contains a registration form with the following fields: "First name" (with a placeholder "Firstname"), "Last name" (with a placeholder "Lastname"), "Date of birth" (with a placeholder "mm/dd/yyyy" and a calendar icon), "Phone" (with a placeholder "0123456789"), "Email" (with a placeholder "MickGuttenberg@gmail.com"), and "Password" (with a placeholder "Password"). A blue "Create New Client" button is located at the bottom of the form.

○ Client Login Page

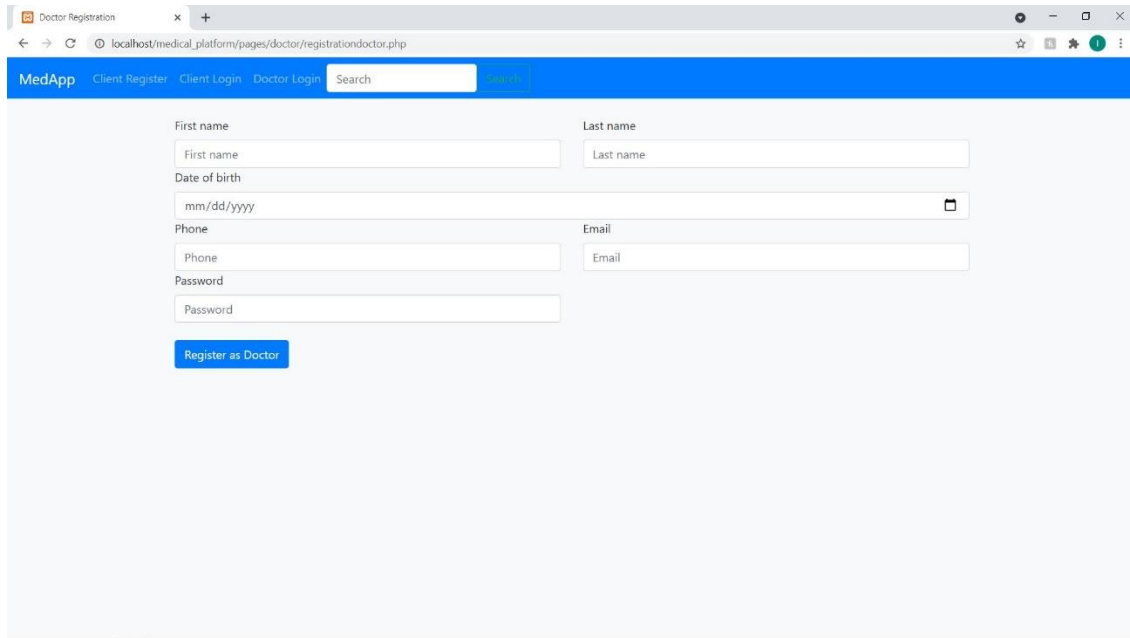


The screenshot shows a web browser window with the title "Client Login". The address bar displays "localhost/medical_platform/pages/client/loginclient.php". The page features a blue header with the "MedApp" logo and navigation links: "Client Register", "Doctor Register", and "Doctor Login". A search bar is also present in the header. The main content area contains a login form with the following fields: "Email address" and "Password". A blue "Submit" button is located at the bottom of the form.

Doctor Pages:

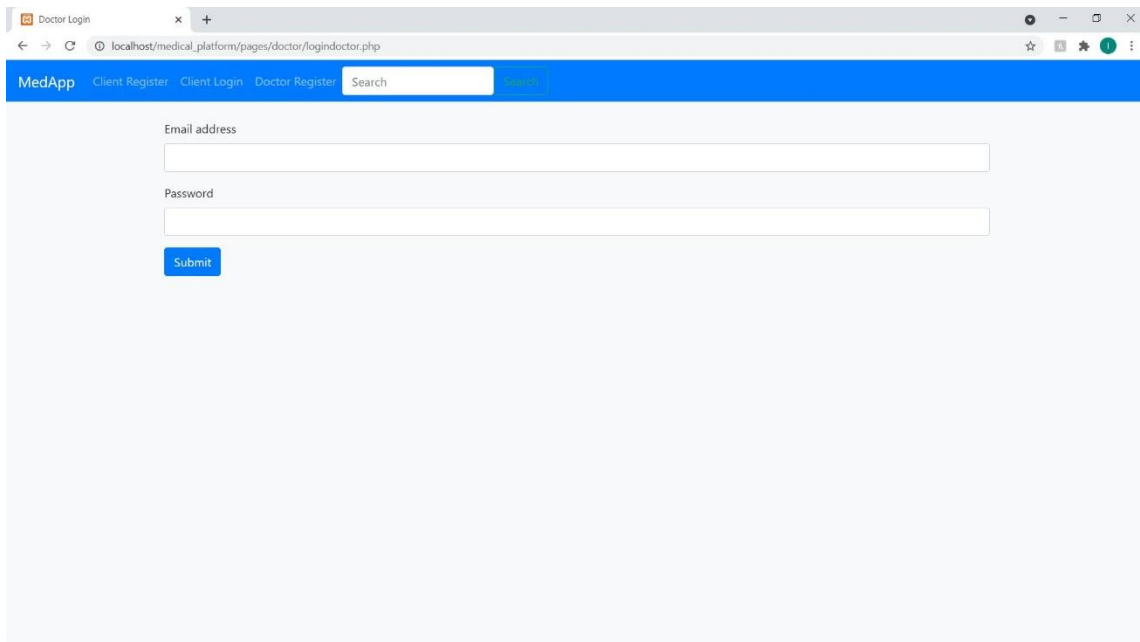
These pages are used to help the user sign up or authenticate as Doctor User on the website.

○ Doctor Registration Page



The screenshot shows a web browser window titled "Doctor Registration" with the URL "localhost/medical_platform/pages/doctor/registrationdoctor.php". The page features a blue header with the "MedApp" logo and navigation links: "Client Register", "Client Login", and "Doctor Login". A search bar is also present. The main content area contains a registration form with the following fields: "First name", "Last name", "Date of birth" (with a date picker icon), "Phone", "Email", and "Password". A blue "Register as Doctor" button is located at the bottom of the form.

○ Doctor Login Page



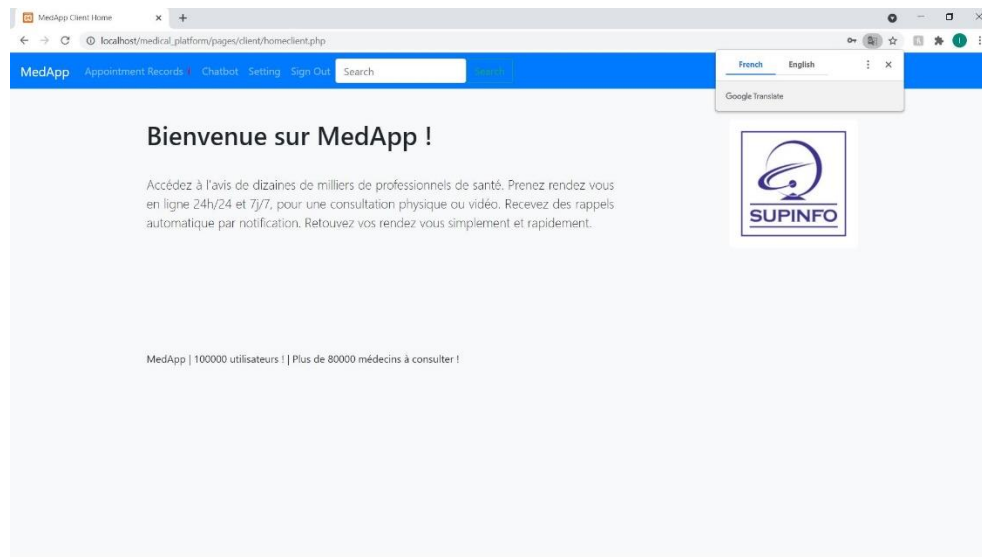
The screenshot shows a web browser window titled "Doctor Login" with the URL "localhost/medical_platform/pages/doctor/logindoctor.php". The page features a blue header with the "MedApp" logo and navigation links: "Client Register", "Client Login", and "Doctor Register". A search bar is also present. The main content area contains a login form with the following fields: "Email address" and "Password". A blue "Submit" button is located at the bottom of the form.

- **Client-Based Pages:**

The Client-based pages can only be accessed if the user themselves are authenticate as a client with the proper session.

Client Home Page:

The default welcome page for the client user.



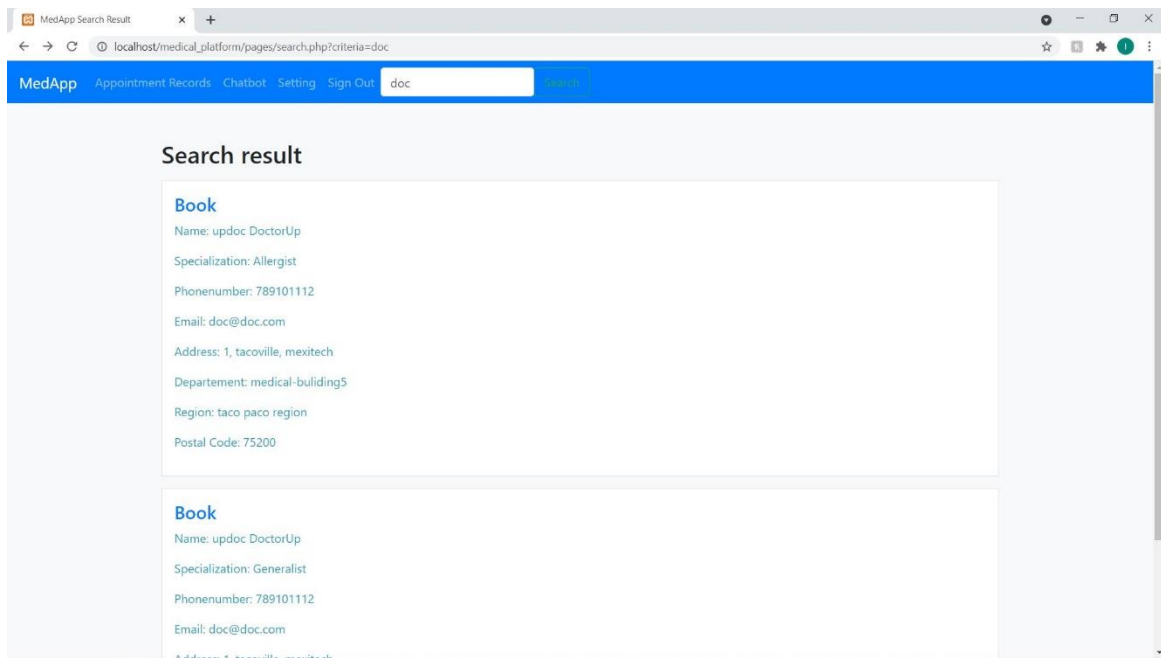
Client Setting Page:

Is the page where the client can update or change their information.

A screenshot of the MedApp Client Setting page. The browser's address bar shows the URL 'localhost/medical_platform/pages/client/clientSetting.php'. The page has a blue header with the MedApp logo and navigation links: 'Appointment Records', 'Chatbot', and 'Sign Out'. A search bar is also present. The main content area is light blue and contains a form for updating client information. The form fields are: 'First name' (with value 'joe'), 'Last name' (with value 'joeson'), 'Date of birth' (with value '2000-05-30'), 'Phone' (with value '01234567'), and 'Email' (with value 'joeson@gmail.com'). There is also a 'Password' field which is currently empty. Below the form fields is a blue 'Update' button.

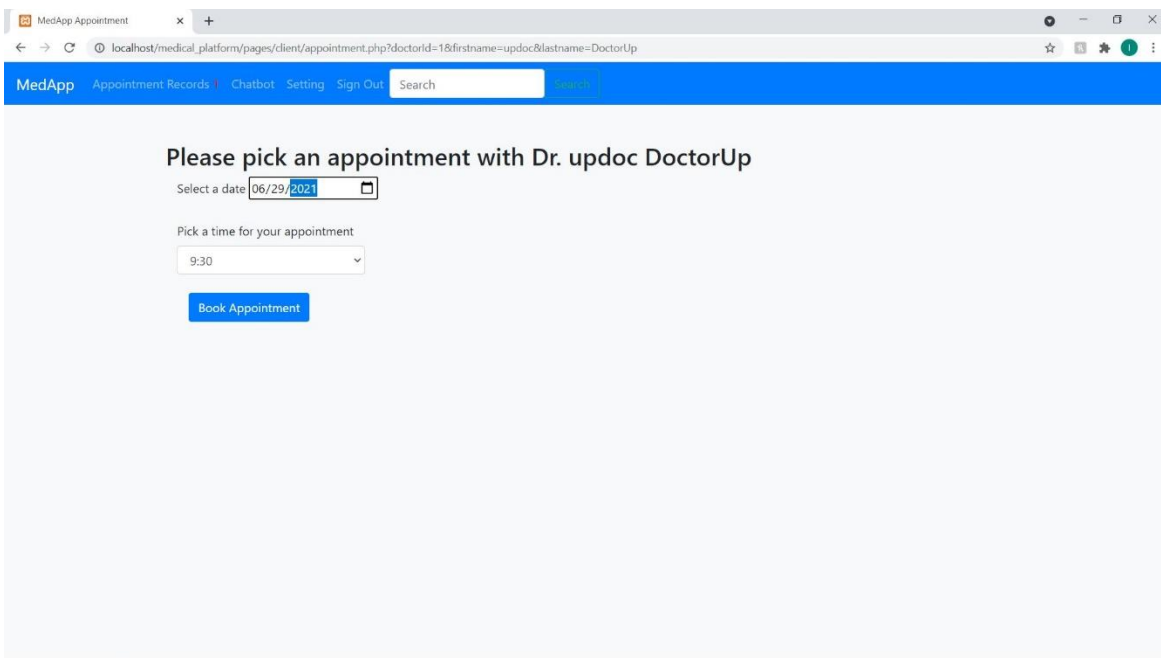
Client Search Page:

Is the page where the client can search for the doctor based on the criteria that they choose.



Client Appointment Page:

Is where the client can book their appointment, based on the doctors' schedule.



Client Appointment Records:

Is the page that shows all of the client's appointments that has passed and the appointments that has yet to arrive in which they can cancel at any time they choose.

The screenshot shows a web browser window with the title 'Appointment Records'. The address bar shows the URL 'localhost/medical_platform/pages/client/clientappointmentrecord.php'. The browser's navigation bar includes 'MedApp', 'Chatbot', 'Setting', 'Sign Out', and a search bar. The main content area is titled 'Appointment Records' and displays two appointment records. Each record is a white box with a light gray border. The first record has a 'Remove' button next to the date. The second record is partially visible below the first.

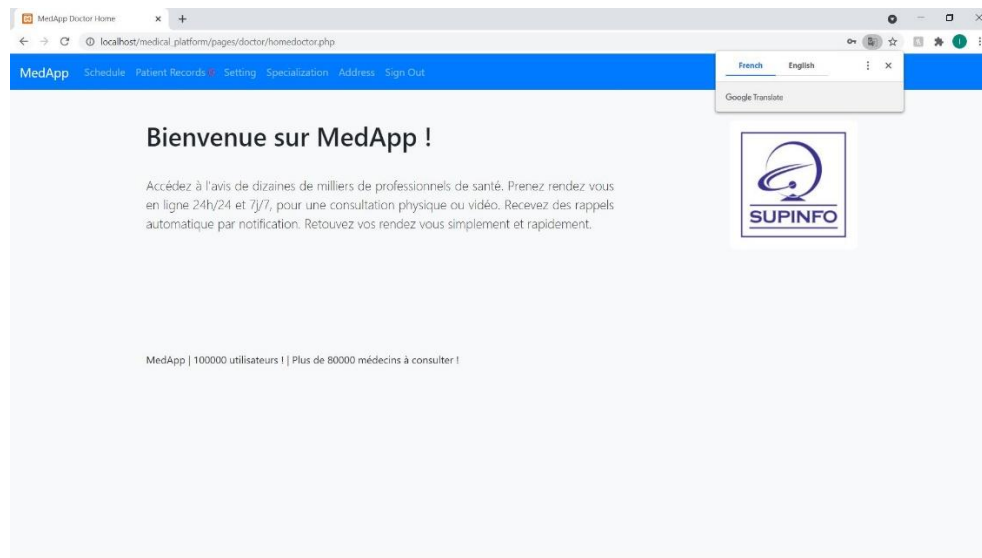
Appointment Details
<p>Date of Appointment: 2021-06-22 09:30:00 Remove</p> <p>Name: updoc DoctorUp</p> <p>Phonenumber: 789101112</p> <p>Email: doc@doc.com</p> <p>Address: 1, tacoville, mexitech</p> <p>Departement: medical-buliding5</p> <p>Region: taco paco region</p> <p>Postal Code: 75200</p>
<p>Date of Appointment: 2001-05-27 14:30:00</p> <p>Name: updoc DoctorUp</p> <p>Phonenumber: 789101112</p> <p>Email: doc@doc.com</p> <p>Address: 1, tacoville, mexitech</p> <p>Departement: medical-buliding5</p>

- **Doctor-Based Pages:**

The Doctor-based pages can only be accessed if the user themselves are authenticate as a doctor with the proper session.

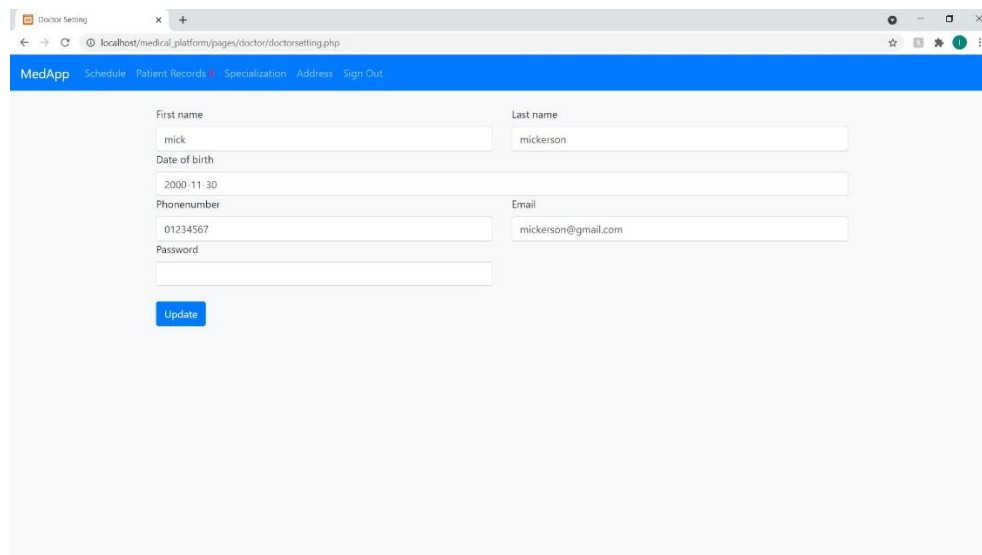
Doctor Home Page:

Is the default welcome page for the doctor user.



Doctor Setting Page:

Is where the doctor can change or update their personal information.



Doctor Specialization Page:

Is where the doctor can select a specialization from the drop-down menu. And can also remove if they no longer practice it.

The screenshot shows a web browser window with the title "Doctor Specialization". The address bar shows the URL "localhost/medical_platform/pages/doctor/doctorspecialization.php". The page has a blue header with the "MedApp" logo and navigation links: "Schedule", "Patient Records", "Address", "Setting", and "Sign Out". The main content area is light gray. It features a "New Specialization" section with a dropdown menu currently showing "cardiology" and a blue "Add New Specialization" button. Below this is a "Doctor Specializations" section containing a table with two rows: "Generalist" and "Allergist", each with a red "Remove" button.

New Specialization	
cardiology	▼

[Add New Specialization](#)

Doctor Specializations

Generalist	Remove
Allergist	Remove

Doctor Address Page:

Is where the doctor can add or delete the addresses of their workplaces.

The screenshot shows a web browser window with the title "Doctor Setting". The address bar shows the URL "localhost/medical_platform/pages/doctor/doctoraddress.php". The page has a blue header with the "MedApp" logo and navigation links: "Schedule", "Patient Records", "Setting", "Specialization", and "Sign Out". The main content area is light gray. It features a form with four input fields: "Address", "Department", "Region", and "Postal Code". Below the form is a blue "Add New Address" button. Below the button is a "Doctor Addresses" section containing a table with one row: "5 rue de route, medical bulding, green, 8520" with a red "Remove" button.

Address	Department

Region

Postal Code

[Add New Address](#)

Doctor Addresses

5 rue de route, medical bulding, green, 8520	Remove
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Doctor Schedule Page:

Is where the doctor can set the days and the hours they work in the week.

The screenshot shows the 'Doctor Schedule' page in the MedApp interface. The page has a blue header with the MedApp logo and navigation links: Patient Records, Specialization, Address, Setting, and Sign Out. The main content area is divided into two columns. The left column, titled 'Set your working hours', contains three dropdown menus for 'Pick the day of the week' (set to Sunday), 'Pick a starting time' (set to 0:00), and 'Pick an ending time' (set to 0:00). Below these is a blue 'Submit Working Hour' button. The right column, titled 'Set your unavailable days of the week', contains a dropdown menu for 'Pick the day of the week' (set to Sunday) and a blue 'Submit Unavailability' button. Below the 'Set your working hours' section, there is a section titled 'Your working hours' showing 'Wednesday' with a box containing '07:30:00-23:00:00' and a red 'Remove' button. Below the 'Set your unavailable days of the week' section, there is a section titled 'Your Unavailable days' showing 'Sunday' and 'Saturday' with red 'Remove' buttons.

Patient Record Page:

Is where they can see the list of appointments they have with their patients and decline the one that has not passed yet.

The screenshot shows the 'Appointment Records' page in the MedApp interface. The page has a blue header with the MedApp logo and navigation links: Schedule, Setting, Specialization, Address, and Sign Out. The main content area is titled 'Appointment Records' and contains a list of three appointment records. Each record is displayed in a white box with a red 'Remove' button. The first record shows 'Date of Appointment: 2021-06-22 14:30:00', 'Name: taco taco', 'Phonenumber: 123456', and 'Email: taco@taco.com'. The second record shows 'Date of Appointment: 2021-06-22 09:30:00', 'Name: joe joeson', 'Phonenumber: 01234567', and 'Email: joeson@gmail.com'. The third record shows 'Date of Appointment: 2001-05-27 14:30:00', 'Name: joe joeson', 'Phonenumber: 01234567', and 'Email: joeson@gmail.com'.