PHP Website Project

The frontend part of the project is almost done and is attached with the file. You will mostly have to work on two things.
1. Patient Booking
2. Admin Page

Note : There is no database work in this project.

Firstly for the booking page, the form is already there, what you have to do is that when the form is submitted you have to check all the POST data in both client side and server side. The client side code is already there for the booking page in the booking.js file.

In the booking.js file there basically are some functions which disables the past dates in the form, add html depending on the selection of dropdown option, checks whether the patient ID is valid or not the logic and code for checking a valid patient id is in the code booking.js and also booking.js function checks whether at least one checkbox is checked or not in the form for time selection. So you need to check all the POST data both on the client and server side. Write the function on tools.php for booking form server side validation on submit which basically checks the exact same things that are being checked on client side so need to check whether the patient ID is valid or not then whether the booking date is a past date or not then whether a timing is checked or not.

If the data is all correct, the booking request should be appended to the new **appointments.txt** spreadsheet using fputcsv() along with the time that the booking was made. The data can be comma or tab delimited (ie your choice of delimiter) along with the date and time that the patient submitted the booking request. Basically as we are not using a database we are keeping all data in a txt file which is within the code. If no errors are detected a booking confirmation message should be displayed letting the patient know that the office will be in touch soon with a set time, and with a link back to the home page in the UI.

Administration.php
The admin dashboard code has been done somewhat, what you have to do is that first when someone goes to the admin page if he/she is not logged in means if $_SESSION['user'] is not set then he/she should be redirected to a login page which is in the code as login.php, if he/she is already logged in then he/she can easily enter the admin page. Also if someone is already logged in and tries to go to the login.php he/she must be redirected to the index.php. There will also be a file users.txt where there will be a list of users with their username and password so basically in login form you will validate the inputs and check from that users.txt file if username and password matches then you will allow the user to access the admin page. Initially keep the following users in users.txt file to test. These are the username and password given below.
• Stephen : Drs123!
• Abigale : Dra456!
• Kiyoko : Nki789!

There is a table in the admin page right now which is the information of patient booking requests. Currently, it is filled with dummy data but you have to get the data from appointment.txt file and show them in the table so basically when you do a booking from the booking page it goes to appointment.txt file and here in admin page you will be able to see all the booking requests in the table. Here in this table for appointments you will get the date as while booking users will choose a date so you have to display the date like this format "Monday, 17th October 2022". Have a look through PHP's date and time function library to find a function that does this.

In the admin page also create a table which shows all the users of the website. You will get all the users from the users.txt file and show here in the table displaying the user's username and password. Then create a button which opens a modal where you will be able to add an user to the website so basically you as an admin can create more users, after you add the user it will be added in the users.txt file with the existing users list. In the modal there will be two inputs: username and password then submit but make sure you don't allow duplicate users. If someone tries then show a message in the UI.

Lastly, there is another file accessattempts.txt, any unsuccessful login attempt information will be added to this text file. Basically, if someone tries to login and fails to enter correct credentials then the entered username and the time when he tried to login will be added to this text file. Similarly display this information too in the admin page table.

Place the PHP code of booking form and login/session in tools.php, and all the PHP code for admin page in authorities.php

→ For writing to the txt file you have to use **fputcsv()**
→ For reading from the txt file you have to use **fgetcsv()**