

Web Development task for Applicants

Task Description:

The task is about developing a **small web application** which enable users to schedule (reserve) appointments for patients, with the following characteristics:

1. **Login page** which enable users to login to the system.
2. **Calendar View** which allows users to view, create and edit appointments
3. **Appointment Info page** which enable users to add or edit an appointment for patients.

This calendar page should satisfy the following requirements:

- Appointment information like patient name and status should be displayed for each event.
- Appointments should be color coded according to the appointment type.
- User can delete or change status of any specific appointment using options in right click menu.
- User can edit any appointment on double click on the specified item.
- User can change the current date of the calendar.

The Add or edit appointment page should satisfy the following requirements:

- The page must have **search controls** which enable users to find a specific patient with specific search criteria such as the patient ID, patient name or Birth date.
- The user should be able to **add \ modify** patients' appointments.

Data Base:

The database should have patient's data such as:

- ID
- Full name.
- Address.
- Phone.
- Gender.
- Birth Date.
- Country.

And Appointment's data such as:

- Appointment start and end Date time.
- Appointment Type (Follow-up, New patient, Consultant).
- Appointment Status (Scheduled, Arrived , Canceled and Completed)

Notes:

- The application should be developed by **Microsoft web technology** (ASP.net web forms Or MVC) with Microsoft SQL Server Data Base (**Mandatory using ADO.Net**).
- You should design your database with an **appropriate tables and procedures** which satisfy our requirements.
- You can use any **scheduler component** (Full Calendar JavaScript, or any other component).

NB: Develop this task as proficient as possible

The source code of the project must be sent to this mail:

development@paxerahealth.com

Please type this statement in the subject of the mail:

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Good Luck