

Task: Doctor Appointment

- Create a new Laravel Project (version must be 8).
- Create migration for `departments, doctors & appointments` table.
- In departments table the fields are `id, name, created_at & updated_at`.
- In doctors table the fields are `id, department_id, name, phone, fee, created_at & updated_at`.
- In appointments table the fields are `id, appointment_no, appointment_date, doctor_id, patient_name, patient_phone, total_fee, paid_amount, created_at & updated_at`.
- Then Create a Seeder for Departments then seeding some dummy departments.
- CRUD Doctor (Using Elequent).
- Setup a good looking design using Bootstrap 5 for view all things.
- Create 3 menus (Home, Doctor, Appointment).



- In the Home page show all appointment list (desc order) in a table using pagination. (Create custom search for appointment_no, appointment_date, doctor, patient_name & patient_phone is a plus point).
- In the Doctor page show all Doctors (desc order) and Create, Edit & Delete Options. For Create & Edit using new page or modal.
- In Appointment Page design will be look like this

SN	App. Date	Doctor	Fee	Action
1	2022-03-01	Dr. John Doe	550	✖
2	2022-03-05	Dr. Finch	480	✖

Patient Information

Patient Name: Patient Phone:

Payment

Total Fee: Paid Amount:

- First Select Appointment Date.
- Select Department then automatically loaded Doctors in this Department in Doctor Dropdown.

- Then Select a Doctor. After Select Doctor Fee will be automatically come into fee field value and showing a message doctor is available or not if doctor is not available it will show not available and also hide Add button.
- In one day one doctor have cannot more than 2 appointments. So available or not based on Your Selected Appointment Date.
- Add Multiple Doctor for Multiple Appointment. After Clicking Add Button You can use Session or JQuery or JavaScript Table for showing List.
- After add new record in table Add Doctor Form fields must be reset.
- Also Delete Any Doctor for Table.
- After Select Doctor(s) then fill up Patient Name, Patient Phone, Paid Amount. Paid Amount must be Equal to Total Fee. If Paid Amount is greater than or less than Total Fee then cannot Submit.
- Total Fee automatically calculate by selected doctor(s) fee.
- After Submit Appointment No create automatically based on Current Date Time & Appointment ID.