

Hospital Doctor Appointment Booking

Group members:

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Database description:

The database Description contains nine collections:

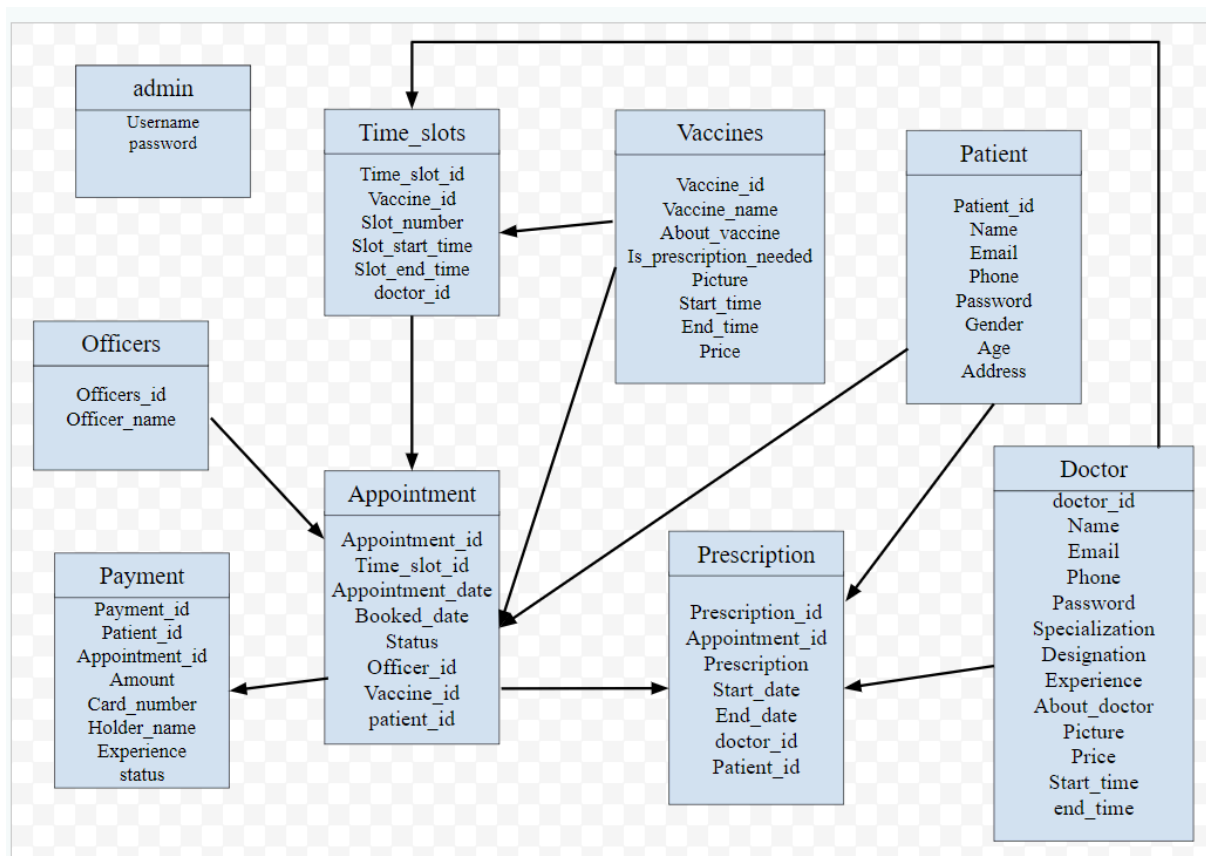
Admin, vaccines, doctor, patient, officer, Time-slots, appointment, payment, Prescription. The Admin collection contains the user_name, password.

And the admin can add the vaccines, officer and doctor. The vaccines collection contains the vaccine_name, about-vaccine, is prescription needed, picture, start-time, end_time and price. The admin will add the officers and doctors. The officer collection contains the officer_name. The doctor collection contains the name, email, phone, password, specialisation, designations, experience, about_doctor, picture, start_time, end_time and price.

The patient will register into the website with their valid details then login into the website, the patient collection contains the name, email, password, phone, gender, age and address. Then the patient will view the vaccines if the vaccine doesn't contain doctor prescription then the patient will book the appointment with their details and choose the time slot and the admin will assign the officer for the vaccination or if the vaccine contains doctor prescription then the patient will view the doctors time slot and book the appointment. The appointment collection contains the time_slot_id,

appointment_date, booked_date, status, officer_id, vaccine_id and patient_id,doctor_id.

After the appointment booked the doctor will check the patient based on that prescription will given to the patient the prescription collection contain appointment_id, prescription, start_date, end_date, doctor-id and patient_id based on the appointment patient will pay the amount, the payment collection contains patient_id, appointment_id, total-amount, card-number, Holder_name, expiry_date and status if they payment is completed the status is updated to transaction successful,otherwise transaction failed.



Sample Snippets:

Admin:

```
_id: ObjectId('66080ed6ec936ed60e4468de')  
username : "krish"  
password : "12345"
```

Vaccines:

```
_id: ObjectId('66080f21ec936ed60e4468e0')  
vaccine_name : "covid"  
About_vaccine : "a ccovid vaccine intended to provide immunity against severe respirato..."  
Is_prescription_needed : "yes"  
picture : ".jpg"  
start_time : "8.00am"  
end_time : "4.00pm"  
price : "$100"
```

Doctor

```
_id: ObjectId('66081137ec936ed60e4468e8')  
Name : "john"  
email : "john123@gmail.com"  
phone : "+1123456676"  
specilization : "mbbs"  
designation : "consultance"  
Experience : "5years"  
about_doctor : "good"  
picture : ".jpg"  
start-time : "8:00am"  
end_time : "5;00pm"  
password : "87876"
```

Time-Slots:

```
_id: ObjectId('6608134eec936ed60e4468ec')  
vaccine_id : ObjectId('66080f21ec936ed60e4468e0')  
slot_number : "2"  
slot_start_time : "8:00am"  
slot_end_time : "1:00pm"  
doctor_id : ObjectId('66081137ec936ed60e4468e8')
```

Patient:

```
_id: ObjectId('660812a2ec936ed60e4468ea')  
name : "kohil"  
email : "kohil123@gmail.com"  
phone : "+1587654565"  
password : "876567876"  
gender : "male"  
age : "25"  
address : "california"
```

Appointment:

```
_id: ObjectId('66081403ec936ed60e4468f2')  
time_slot_id : ObjectId('6608134eec936ed60e4468ec')  
appointment_date : "04/04/2024"  
booked_date : "01/04/2024"  
status : "appointment booked"  
officer_id : ObjectId('66081106ec936ed60e4468e6')  
vaccine_id : ObjectId('66080f21ec936ed60e4468e9')  
patient_id : ObjectId('660812a2ec936ed60e4468ea')
```

Payments:

```
_id: ObjectId('6608150dec936ed60e4468fa')  
patient_id : ObjectId('660812a2ec936ed60e4468ea')  
appointment_id : ObjectId('66081403ec936ed60e4468f2')  
amount : "$388"  
card_number : "1234565456767"  
Holder_name : "mary"  
expiry_date : "03/27"  
status : "Transaction successful"
```

Prescription:

```
_id: ObjectId('66081611ec936ed60e446900')  
Appointment_id : ObjectId('66081403ec936ed60e4468f2')  
Prescription : ".pdf"  
start_date : "04/04/2024"  
end_date : "05/04/2024"  
doctor_id : ObjectId('66081137ec936ed60e4468e8')  
patient_id : ObjectId('660812a2ec936ed60e4468ea')
```

Officer:

```
_id: ObjectId('66081106ec936ed60e4468e6')  
name : "mary"
```

Database Collections:

<div>Admin</div> <div>Storage size: 4.10 kB</div> <div>Documents: 1</div> <div>Avg. document size: 22.00 B</div> <div>Indexes: 1</div> <div>Total index size: 4.10 kB</div>	<div>Appointment<div></div></div> <div>Storage size: 4.10 kB</div> <div>Documents: 1</div> <div>Avg. document size: 22.00 B</div> <div>Indexes: 1</div> <div>Total index size: 4.10 kB</div>	<div>Doctor</div> <div>Storage size: 4.10 kB</div> <div>Documents: 1</div> <div>Avg. document size: 22.00 B</div> <div>Indexes: 1</div> <div>Total index size: 4.10 kB</div>	<div>officer</div> <div>Storage size: 4.10 kB</div> <div>Documents: 1</div> <div>Avg. document size: 22.00 B</div> <div>Indexes: 1</div> <div>Total index size: 4.10 kB</div>	<div>patient</div> <div>Storage size: 4.10 kB</div> <div>Documents: 1</div> <div>Avg. document size: 22.00 B</div> <div>Indexes: 1</div> <div>Total index size: 4.10 kB</div>
<div>Payments</div> <div>Storage size: 4.10 kB</div> <div>Documents: 1</div> <div>Avg. document size: 22.00 B</div> <div>Indexes: 1</div> <div>Total index size: 4.10 kB</div>	<div>Prescription</div> <div>Storage size: 4.10 kB</div> <div>Documents: 1</div> <div>Avg. document size: 22.00 B</div> <div>Indexes: 1</div> <div>Total index size: 4.10 kB</div>	<div>Time_slots</div> <div>Storage size: 4.10 kB</div> <div>Documents: 1</div> <div>Avg. document size: 22.00 B</div> <div>Indexes: 1</div> <div>Total index size: 4.10 kB</div>	<div>vaccines</div> <div>Storage size: 4.10 kB</div> <div>Documents: 1</div> <div>Avg. document size: 22.00 B</div> <div>Indexes: 1</div> <div>Total index size: 4.10 kB</div>	