



ವೈDHಯಾ (Vaidhya)

Database Metadata and Configurations


**This Document Contains all Details of the Database used in the Project
ವೈDHಯಾ (Vaidhya).**

Database Used: Mongo DB (Atlas for Cloud Storage)

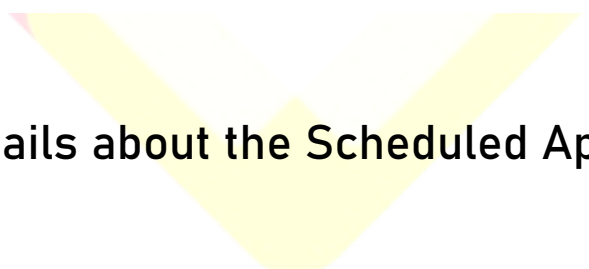
Database Name: Vaidhya

Total Number of Collections: 11

Collections:



appointment					
_id	name	patient_username	time_slot	mode	date
String	String	String	String	String	String



Stores the Details about the Scheduled Appointments.

"_id": "karthik_03-06-2024_13:00 - 16:00 IST" (Dynamically Generated)

"name": "Karthik" (Patient Name)

"patient_username": "karthik"

"time_slot": "13:00 - 16:00 IST"

"mode": "online"

"date": "03-06-2024"

appointment_status				
_id	09:00-12:00 IST	13:00 - 16:00 IST	17:00 - 20:00 IST	customslot (00:00 - 00:00)
String	Int32	Int32	Int32	Int32

Stores the Details about the Appointment Status in a Particular Day for a Particular Slot.

"_id": "04-06-2024" (Date of the Appointment)

"09:00 - 12:00 IST": 1 (Scheduled)

"13:00 - 16:00 IST": 1

"17:00 - 20:00 IST": 0 (Free)

doctor_login		
_id	email	password
String	String	String

Stores the Doctor Information for the Login Purpose.

"_id": "sonu" (Doctor Username)

"password": "Sonu@1234A"

"email": "bnchinmaya7@gmail.com"

consultation	
_id	doctor_id
String	String

Stores the Details about the Patient - Doctor Mapping.

"_id": "VP01" (Patient ID)

"doctor_id": "VD01" (Doctor ID)

patient_login		
_id	email	password
String	String	String

Stores the Patient Information for the Login Purpose.

"_id": "karthik" (Patient Username)

"password": "Admin@1234"

"email": "karthikclgid@gmail.com"

data								
_id	age	symptom-feel	symptom-test	key	patientid	patientname	doctor_name	doctor_id
String	Int32	String	String	String	String	String	String	String

Stores the Details about the Patient Health and the key used by the doctor to fetch Patient Health Details.

"_id": "karthik" (Patient Username)

"age": 21

"symptom-feel": "Depression"

"symptom-test": "Obsessive-Compulsive Disorder (OCD)"

"key": "doc1" (Key to be Used by the Doctor)

"patientid": "KA101"

"patientname": "Karthik"

"doctor_name": "Dr. Chinmaya B N"

"doctor_id": "CN101"

doctor_info													
_id	doctor_username	DOB	age	address	blood_group	ph_number	email	doctor_name	room	location	consultation_address	licence_number	aadhar
String	String	String	Int32	String	String	String	String	String	String	String	String	String	String

Stores the Complete Details about the Doctor.

"_id": "VD5", (Doctor ID)

"doctor_username": "sonu", (Doctor username)

"DOB": "23-01-2004"

"age": 20

"address": "Mysuru"

"blood_group": "O +"

"ph_number": "+91 9900505710"

"email": "bnchinmaya7@gmail.com"

"doctor_name": "Chinmaya B N"

"room": "101" (Consultation Room Number)

"location": " <https://maps.app.goo.gl/q8FVRqnfmdmT8sP6A> "

(Consultation Location)

"consultation_address": "Mysuru"

"licence_number": "XXXX"

"aadhar": "XXXXXXXXXXXXX8"

patient_info								
_id	patient_username	DOB	age	address	blood_group	ph_number	email	patient_name
String	String	String	Int32	String	String	String	String	String

Stores the Complete Details about the Patient.

"_id": "VP1"

"patient_username": "karthik"

"DOB": "26-07-2003"

"age": 20

"address": "Mysuru"

"ph_number": "+91 7795123170"

"email": "karthikclgid@gmail.com"

"patient_name": "Karthik R"

"blood_group": "A+"

otp		
_id	createdAt	otp
String	Date	Int32

Keeps Track of the OTP Generated for Verification.

"_id": "karthikclgid@gmail.com" (Doctor or Patient Email)

"createdAt": {

"\$date": "2024-05-31T15:31:32.495Z" (Time at which OTP is generated)

}

"otp": 836302 (OTP)

*OTP is Automatically Deleted after 10 Minutes

numbers	
_id	value
String	Int32

Keeps Track of the Number of Patients and Doctors.
(Only 2 Documents)

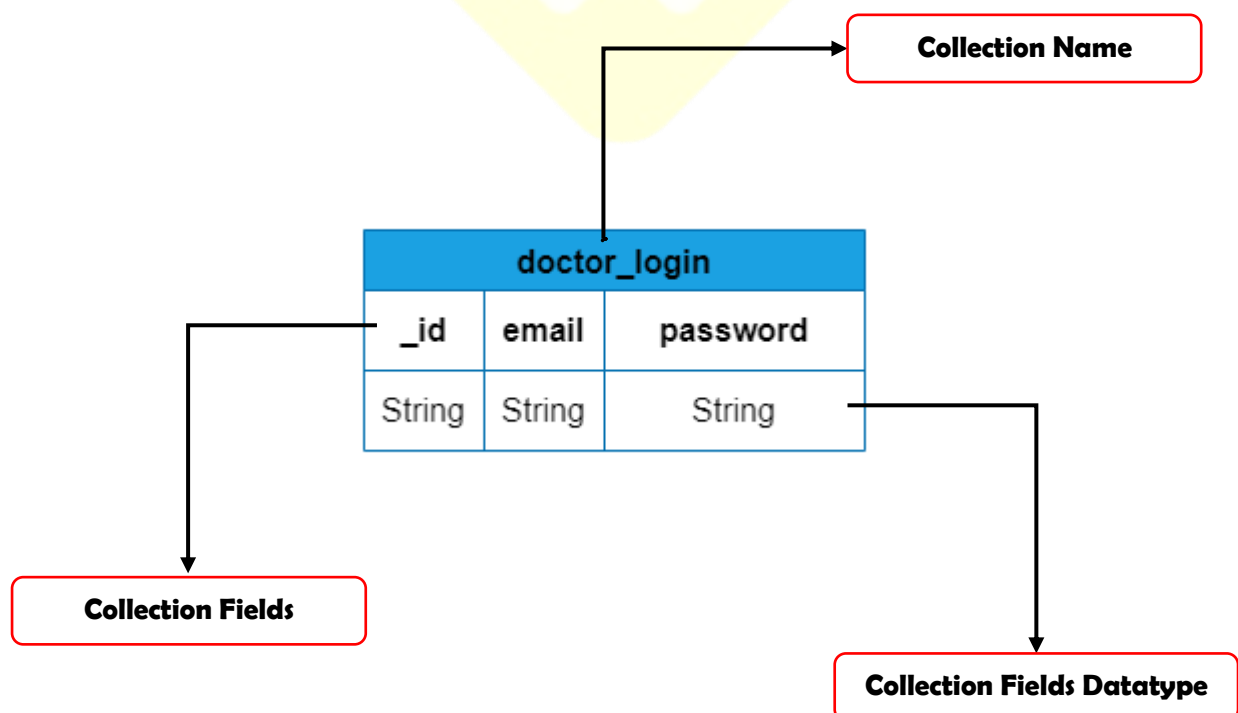
"_id": "patient-register-number"

"value": 6 (Number of Patients)

"_id": "doctor-register-number"

"value": 5 (Number of Doctors)

Collection Details:



To Get Start with Vaidhya, create the database using above details and use the Mongo DB Connection String in the config.ini file.

Details to be included in config.ini :

STRING = <Mongo DB Connection String>

DATABASE_NAME = Vaidhya

COLLECTION_PATIENT_LOGIN = patient_login

COLLECTION_DOCTOR_LOGIN = doctor_login

COLLECTION_DATA = data

COLLECTION_APPOINTMENT_STATUS = appointment_status

COLLECTION_APPOINTMENT = appointment

COLLECTION_PATIENT_INFORMATION = patient_info

COLLECTION_DOCTOR_INFORMATION = doctor_info

COLLECTION_CONSULTATION = consultation

OTP = otp

NUMBERS = numbers

Credits:

draw.io : for the Designs

Documentation Done By,

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