

TABLES & CONSTRAINTS:

1. TABLE – HMS_USERS:

ATTRIBUTE	DESCRIPTION	DATA TYPE	CONSTRAINT
id	unique id of user	int(11)	PRIMARY KEY, NOT NULL
first_name	user first name	varchar(255)	NOT NULL
last_name	user last name	varchar(255)	NOT NULL
email	user mail	varchar(245)	NOT NULL
password	user password	Varchar(64)	NOT NULL
role	role of the user	varchar(255)	NOT NULL

2. TABLE – HMS_SPECIALIZATION:

ATTRIBUTE	DESCRIPTION	DATA TYPE	CONSTRAINT
id	unique id of specialization	int(11)	PRIMARY KEY, NOT NULL
specialization	specialization of doctor	varchar(255)	NOT NULL

3. TABLE – HMS_DOCTOR:

ATTRIBUTE	DESCRIPTION	DATA TYPE	CONSTRAINT
id	unique id of doctor	int(11)	PRIMARY KEY, NOT NULL
name	name of doctor	varchar(255)	NOT NULL
email	email of doctor	varchar(255)	NOT NULL
password	password of doctor	varchar(255)	NOT NULL
address	address of doctor	text	NOT NULL
mobile	phone no. of doctor	varchar(255)	NOT NULL
fee	fee of doctor	int(11)	NOT NULL
specialization	specialization of doctor	varchar(255)	NOT NULL

4. TABLE – HMS_PATIENTS:

ATTRIBUTE	DESCRIPTION	DATA TYPE	CONSTRAINT
id	unique id of patient	int(11)	PRIMARY KEY, NOT NULL
password	password of patient	varchar(255)	NOT NULL
name	patient name	varchar(255)	NOT NULL
email	patient mail	varchar(255)	NOT NULL

mobile	patient number	varchar(255)	NOT NULL
address	patient address	text	NOT NULL
gender	patient gender	varchar(255)	NOT NULL
age	patient age	int(11)	NOT NULL
medical_history	patient medical history	text	NOT NULL

5. TABLE – HMS_APPOINTMENTS:

ATTRIBUTE	DESCRIPTION	DATA TYPE	CONSTRAINT
id	unique id of appointment	int(11)	PRIMARY KEY
Specialization_id	specialization of doctor	varchar(255)	FOREIGN KEY, NOT NULL
patient_id	unique id of patient	int(11)	FOREIGN KEY, NOT NULL
doctor_id	unique id of doctor	int(11)	FOREIGN KEY, NOT NULL
consultancy_fee	consultancy fee	int(11)	NOT NULL
appointment_date	date of appointment	varchar(255)	NOT NULL
appointment_date	date of appointment	varchar(255)	NOT NULL
created	time appointment created	current_timestamp()	
status	status of appointment	enum('Active','Cancelled','Completed','')	NOT NULL