

RV College of Engineering®, Bengaluru – 59
Department of Information Science and Engineering
Introduction to Database Systems Laboratory (21CS53)

Mid-Term Report on Database Project

TITLE HerbalHelp- Herbal Clinic Management System		
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1. Tables created details

Table Name: Schema: **mydb**

disease_id	category	symptom	disease_name
1	gastro intestinal	sweating,paleness,vomiting,increase...	nausea
2	upper respiratory	swollen and red tonsils,hoarse voice,...	sorethroat
3	gastro intestinal	abdominal pain,bloating,vomiting	digestive issues
4	sleep disorder	daytime fatigue,irritability,non restori...	insomnia
5	musculo skeletal disorder	inflammation,redness around joint,stiff...	joint pain
NULL	NULL	NULL	NULL

Table Name: Schema: **mydb**

doctor_id	doctor_name	qualification
1	Sanjana	MBBS
2	Rithesh	MBBS
3	Bhavya	MBBS
4	Sandesh	MBBS
5	Madan	MBBS
NULL	NULL	NULL

Table Name: Schema: **mydb**

herb_id	ingredient	local_name	scientific_name	image
1	ginger	adrak	Zingiber officinale	-
2	tea leaves	chai patti	Camellia sinensis	-
3	honey	shahad	Apis mellifera	-
4	lemon	Nimbu	Citrus limon	-
5	cumin	jeera	Cuminum	-
6	turmeric	Haldi	Curcuma longa	-
7	chamomile flowers	Babune ka phool	Matricaria chamomilla	-
NULL	NULL	NULL	NULL	NULL

Table Name: Schema: **mydb**

Filter Rows: Edit: Export/Import: Wrap Cell Content: Apply changes:

medicine_id	medicine_name	dosage	disease_name(herbal_medicine)
1	ginger tea elixer	30 ml thrice a day	nausea
2	honey lemon soother	60 ml thrice a day	sorethroat
3	cumin soaked tonic	15 ml twice a day	digestive issues
4	join relief paste	handful once a day	joint pain
5	Chamomile Sleep Infusion	once a day before sleeping	insomnia
NULL	NULL	NULL	NULL

Table Name: Schema: **mydb**

Filter Rows: Edit: Export/Import: Wrap Cell Content: Apply changes:

recepie_id	recepie_name	ingredients	procedure	vedio_link
1	ginger tea elixer	ginger ,tealeaves,honey	NauseaGinger Tea (Adrak Chai)Ginge...	-
2	honey lemon soother	honey,lemon , water ,tea	Mix honey and lemon in warm water ...	-
3	cumin soaked tonic	cumin seeds,water	Soak cumin seeds overnight, strain, a...	-
4	joint relief paste	water,turmeric	Joint PainTurmeric PasteTurmeric, wa...	-
5	Chamomile Sleep Infusion	chamomile flowers,water	InsomniaChamomile TeaChamomile fl...	-
NULL	NULL	NULL	NULL	NULL

Table Name: Schema: **mydb**

Filter Rows: Edit: Export/Import: Wrap Cell Content: Apply changes:

record_id	medication	condition	surgery	date-time
347	aspirin,vitamin-D	nausea	no	2014-02-15 00:00:00
23	ibuprofen,statin	sorethroat	no	2015-08-10 00:00:00
22	birth control,prozac	digestive issues	yes	2017-05-22 00:00:00
312	-	insomnia	no	2022-01-05 00:00:00
414	metmorphin,lisinopiril	joint pain	yes	20223-06-05 00:00:00
NULL	NULL	NULL	NULL	NULL

Table Name: Schema: **mydb**

Filter Rows: Edit: Export/Import: Wrap Cell Content: Apply changes:

patient_id	name	gender	address	email
1	Ananth	male	Flat 201, Indira Gates, Bayappanhalli	anath12@gmail.com
2	Rekha	female	Flat 505, Sattva Divinity, Nayandahalli	rekha23@yahoo.com
3	Sanjay	male	S 22, Suraj Towers, 23rd Cross Road...	sanjay23@gmail.com
4	Divya	female	Flat A7-1104, Elita Promenade, 7th P...	divya44@gmail.com
5	Rahul	male	Flat 1202, Jasmine Tower, Global Gat...	rahull3@yahoo.com
NULL	NULL	NULL	NULL	NULL

2. Table creation Queries

```
CREATE TABLE disease (  
    disease_id INT PRIMARY KEY NOT NULL,  
    category VARCHAR(100),  
    symptom VARCHAR(100),  
    disease_name VARCHAR(100)  
);
```

```
CREATE TABLE doctor (  
    doctor_id INT PRIMARY KEY NOT NULL,  
    doctor_name VARCHAR(100),  
    qualification VARCHAR(100),  
    disease_name VARCHAR(100)  
);
```

```
CREATE TABLE herb (  
    herb_id INT PRIMARY KEY NOT NULL,  
    ingredient VARCHAR(100),  
    localname VARCHAR(100),  
    scientific_name VARCHAR(100)  
);
```

```
CREATE TABLE herb_medicine (  
    medicine_id INT PRIMARY KEY NOT NULL,  
    medicine_name VARCHAR(100),  
    dosage VARCHAR(100),  
    disease_name VARCHAR(100)
```

```
);  
  
CREATE TABLE home_remedy_recipe (  
    recipe_id INT PRIMARY KEY NOT NULL,  
    recipe_name VARCHAR(100),  
    ingredient VARCHAR(100),  
    procedure VARCHAR(500)  
);
```

```
CREATE TABLE medical_record (  
    record_id INT PRIMARY KEY NOT NULL,  
    medication VARCHAR(100),  
    condition VARCHAR(100),  
    surgery VARCHAR(500),  
    date_time DATE  
);
```

```
CREATE TABLE patient (  
    patient_id INT PRIMARY KEY NOT NULL,  
    name VARCHAR(100),  
    gender VARCHAR(50),  
    address VARCHAR(500),  
    email VARCHAR(100)  
);
```

3.Table Population Queries

INSERT INTO patient (patient_id, name, gender, address, email)

VALUES

- (1, 'Rahul Sharma', 'Male', '123 Main Street, City', 'rahul@example.com'),
- (2, 'Priya Patel', 'Female', '456 Oak Avenue, Town', 'priya@example.com'),
- (3, 'Amit Kumar', 'Male', '789 Maple Lane, Village', 'amit@example.com'),
- (4, 'Sneha Verma', 'Female', '101 Pine Road, Suburb', 'sneha@example.com'),
- (5, 'Raj Singh', 'Male', '202 Cedar Drive, Hamlet', 'raj@example.com');

INSERT INTO medical_record (record_id, medication, condition, surgery, date_time) VALUES

- (1, 'Aspirin', 'Headache', 'None', '2024-01-01'),
- (2, 'Ibuprofen', 'Fever', 'Appendectomy', '2024-02-15'),
- (3, 'Antibiotics', 'Infection', 'Knee Replacement', '2024-03-10'),
- (4, 'Insulin', 'Diabetes', 'Gallbladder Removal', '2024-04-20'),
- (5, 'Morphine', 'Pain Management', 'Heart Bypass', '2024-05-05');

INSERT INTO home_remedy_recipe (recipe_id, recipename, ingredient, procedure) VALUES

- (1, 'Turmeric Milk', '1 cup milk, 1 teaspoon turmeric powder, 1/2 teaspoon cinnamon', 'Heat the milk, add turmeric and cinnamon, stir well and drink before bedtime.'),
- (2, 'Tulsi Tea', '1 cup water, 5-6 fresh tulsi leaves, 1 teaspoon honey', 'Boil water, add tulsi leaves, steep for 5 minutes, strain, add honey and drink.'),
- (3, 'Ginger Lemon Honey Tea', '1 cup water, 1 teaspoon grated ginger, 1 teaspoon honey, 1 teaspoon lemon juice', 'Boil water, add ginger, simmer for 5 minutes, strain, add honey and lemon juice, and drink.'),
- (4, 'Neem Juice', '10 neem leaves, 1 cup water, 1 teaspoon honey', 'Blend neem leaves with water, strain, add honey, and drink on an empty stomach.'),
- (5, 'Mint Infusion', '1 cup water, 10 fresh mint leaves, 1 teaspoon honey', 'Boil water, add mint leaves, steep for 10 minutes, strain, add honey and enjoy.');

4.Query execution for data retrieval required for your project

```
SELECT recipe_name  
FROM homer_emeddy_recipe  
WHERE ingredient LIKE '%water%';
```

```
SELECT medication  
FROM medical_record  
WHERE surgery = 'None';
```

```
SELECT name  
FROM patient  
WHERE gender = 'Female';
```

```
SELECT name  
FROM patient  
WHERE gender = 'Male';
```