

```
CREATE SEQUENCE user_seq;
```

```
CREATE TABLE public."user"(  
  user_id integer NOT NULL DEFAULT nextval('user_seq'::regclass),  
  user_guid uuid NOT NULL,  
  user_name varchar(100) NOT NULL,  
    name varchar(100) NOT NULL,  
  created_by int check (created_by > 0) NOT NULL,  
    created_time timestamp(0) NOT NULL,  
  updated_by int check (updated_by > 0) DEFAULT NULL,  
    updated_time timestamp(0) DEFAULT NULL,  
  email_id varchar(100) NOT NULL,  
  PRIMARY KEY (user_id),  
  CONSTRAINT user_guid_UNIQUE UNIQUE (user_guid),  
  CONSTRAINT user_name_UNIQUE UNIQUE (user_name)  
)
```

```
CREATE SEQUENCE doctor_seq;
```

```
CREATE TABLE public.doctor(  
  doctor_id integer NOT NULL DEFAULT nextval('doctor_seq'::regclass),  
  doctor_guid uuid NOT NULL,  
  doctor_spec varchar(100) NOT NULL,  
    user_id integer check (user_id > 0) NOT NULL,  
  doctor_rating int check (doctor_rating > 0) DEFAULT NULL,  
  PRIMARY KEY (doctor_id),  
  CONSTRAINT fk_user_id FOREIGN KEY (user_id) REFERENCES "user" (user_id) ON UPDATE NO ACTION  
)
```

```
CREATE SEQUENCE patent_seq;
```

```
CREATE TABLE public.patent(
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    patent_id integer NOT NULL DEFAULT nextval('patent_seq'::regclass),
```

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    patent_guid uuid NOT NULL,
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```
    user_id integer check (user_id > 0) NOT NULL,
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```
    PRIMARY KEY (patent_id),
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```
    CONSTRAINT fk_patent_user_id FOREIGN KEY (user_id) REFERENCES "user" (user_id) ON UPDATE NO ACTION
```

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)
```

```
CREATE SEQUENCE patent_report_seq;
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```
CREATE TABLE public.patent_report(
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    patent_report_id integer NOT NULL DEFAULT nextval('patent_report_seq'::regclass),
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```
    patent_record varchar(1000) NOT NULL,
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```
    patent_id integer check (patent_id > 0) NOT NULL,
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```
    PRIMARY KEY (patent_report_id),
```

```
    CONSTRAINT fk_patent_id FOREIGN KEY (patent_id) REFERENCES patent (patent_id) ON UPDATE NO ACTION
```

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)
```

```
CREATE SEQUENCE appointment_seq;
```

```
CREATE TABLE public.appointment(
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    appointment_id integer NOT NULL DEFAULT nextval('appointment_seq'::regclass),
```

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    appointment_guid uuid NOT NULL,
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```
    appointment_status varchar(50) NOT NULL,
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```
    appointment_time timestamp(0) NOT NULL,
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```
    doctor_id integer check (doctor_id > 0) NOT NULL,
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```
    patent_id integer check (patent_id > 0) NOT NULL,
```

```
    PRIMARY KEY (appointment_id),
```

```
    CONSTRAINT fk_appointment_patent_id FOREIGN KEY (patent_id) REFERENCES patent (patent_id) ON UPDATE NO ACTION,
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```
    CONSTRAINT fk_doctor_id FOREIGN KEY (doctor_id) REFERENCES doctor (doctor_id) ON UPDATE NO ACTION
```

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)
```

```
CREATE SEQUENCE notification_seq;

CREATE TABLE public.notification(
    notification_id integer NOT NULL DEFAULT nextval('notification_seq'::regclass),
    notification_guid uuid NOT NULL,
    notification_type varchar(50) NOT NULL,
    notification_message varchar(100) NOT NULL,
    notification_to varchar(100) NOT NULL,
    notification_status varchar(100) NOT NULL,
    PRIMARY KEY (notification_id)
)
```

```
CREATE EXTENSION IF NOT EXISTS "uuid-osspl";

INSERT INTO public."user"(    user_guid, user_name, name, created_by, created_time, email_id)
    VALUES ( uuid_generate_v4(), 'admin', 'admin', 1, NOW(), 'admin@practotest.com');

INSERT INTO public."user"(user_guid, user_name, name, created_by, created_time, email_id)
    VALUES ( uuid_generate_v4(), 'Doctor1', 'Doctor 1', 1, NOW(),
'Doctor1@practotest.com');

INSERT INTO public."user"(user_guid, user_name, name, created_by, created_time, email_id)
    VALUES ( uuid_generate_v4(), 'Doctor2', 'Doctor1', 1, NOW(),
'Doctor2@practotest.com');

INSERT INTO public.doctor(doctor_guid, doctor_spec, user_id, doctor_rating)
    VALUES (uuid_generate_v4(), 'MBBS', 2, 3);

INSERT INTO public.doctor(doctor_guid, doctor_spec, user_id, doctor_rating)
    VALUES (uuid_generate_v4(), 'Dental', 3, 5);

INSERT INTO public."user"(user_guid, user_name, name, created_by, created_time, email_id)
    VALUES ( uuid_generate_v4(), 'PatentA', 'Patent A', 1, NOW(), 'PatentA@gmail.com');
```

```
INSERT INTO public."user"(user_guid, user_name, name, created_by, created_time, email_id)
VALUES ( uuid_generate_v4(), 'PatentB', 'Patent B', 1, NOW(), 'PatentB@gmail.com');
```

```
INSERT INTO public.patent(patent_guid, user_id)
VALUES (uuid_generate_v4(), 4);
```

```
INSERT INTO public.patent(patent_guid, user_id)
VALUES (uuid_generate_v4(), 5);
```