users

```
id SERIAL NOT NULL,
username VARCHAR(255),
password VARCHAR(255),
is_active VARCHAR(255),

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,
CONSTRAINT users_pkey PRIMARY KEY (id));
```

departments

```
CREATE TABLE departments (
id SERIAL NOT NULL,
name VARCHAR(255),
description VARCHAR(255),
is_active BOOLEAN,

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT departments_pkey PRIMARY KEY(id)
)
```

designations

```
CREATE TABLE designations (
 id
                     SERIAL NOT NULL,
 name
                     VARCHAR(255),
                     VARCHAR(255),
 type
 description
                    VARCHAR(255),
 is_active
                    BOOLEAN,
 created_at
                        TIMESTAMP WITH TIME ZONE,
                        TIMESTAMP WITH TIME ZONE,
 updated_at
 CONSTRAINT designations_pkey PRIMARY KEY(id)
)
```

Staffattendance

```
CREATE TABLE staff_attendances (
                     SERIAL NOT NULL,
 staff_id
                     INTEGER,
 date
                     DATE,
 note
                     VARCHAR(255),
 status
                     VARCHAR(255),
 is_active
                    BOOLEAN,
 created_at
                         TIMESTAMP WITH TIME ZONE,
 updated_at
                        TIMESTAMP WITH TIME ZONE,
 CONSTRAINT staff_attendances_pkey PRIMARY KEY(id)
)
```

Salaries

```
CREATE TABLE salaries (
                     SERIAL NOT NULL,
 staff_id
                      INTEGER,
 date
                     DATE,
                     VARCHAR(255),
 type
                    NUMERIC(15, 2),
  amount
 created_at
                         TIMESTAMP WITH TIME ZONE,
 updated_at
                         TIMESTAMP WITH TIME ZONE,
  CONSTRAINT salaries_pkey PRIMARY KEY(id)
)
```

Payrolls

```
CREATE TABLE payrolls (
id SERIAL NOT NULL,
basic_salary NUMERIC(15,2),
earning NUMERIC(15,2),
deduction NUMERIC(15,2),
status VARCHAR(255),
staff_id INTEGER,
payment_date DATE,
```

Payroll allowances

```
CREATE TABLE payroll_allowances (
id SERIAL NOT NULL,
name VARCHAR(255),
amount NUMERIC(15,2),
type VARCHAR(255),
payroll_id INTEGER,

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT payroll_allowances_pkey PRIMARY KEY(id)
)
```

leave type

```
CREATE TABLE leave_types (
id SERIAL NOT NULL,
name VARCHAR(255),
note VARCHAR(255),
is_active BOOLEAN,

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT leave_types_pkey PRIMARY KEY(id)
)
```

approve Leave

```
CREATE TABLE approve_leaves (
 id
                      SERIAL NOT NULL,
 leave_type_id
                      INTEGER,
 type
                     VARCHAR(255),
 staff_id
                      INTEGER,
 apply_date
                     DATE,
 from_date
                     DATE,
 to_date
                     DATE,
 status
                     VARCHAR(255),
                     VARCHAR(255),
 reason
 created_at
                     TIMESTAMP WITH TIME ZONE,
 updated_at
                     TIMESTAMP WITH TIME ZONE,
 CONSTRAINT approve_leaves_pkey PRIMARY KEY(id)
)
```

documents

```
CREATE TABLE documents (
 id
                      SERIAL NOT NULL,
 name
                     VARCHAR(255),
 type
                      VARCHAR(255),
 staff_id
                      INTEGER,
 patient_id
                     INTEGER,
                    VARCHAR(255),
 description
                    BOOLEAN,
 is_active
 created_at
                         TIMESTAMP WITH TIME ZONE,
 updated_at
                         TIMESTAMP WITH TIME ZONE,
 CONSTRAINT documents_pkey PRIMARY KEY(id)
)
```

users

```
CREATE TABLE users (

id SERIAL NOT NULL,

username VARCHAR(255),

password VARCHAR(255),

user_type VARCHAR(255),

staff_id INTEGER,

patient_id INTEGER,

member_id INTEGER,
```

```
is_active BOOLEAN,

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT users_pkey PRIMARY KEY(id)
)
```

user roles

```
CREATE TABLE user_roles (
id SERIAL NOT NULL,
user_id INTEGER,
role_id INTEGER,

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT user_roles_pkey PRIMARY KEY(id)
)
```

roles

```
CREATE TABLE roles (
id SERIAL NOT NULL,
name VARCHAR(255),
note VARCHAR(255),
is_active BOOLEAN,

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT roles_pkey PRIMARY KEY(id)
)
```

modules

```
CREATE TABLE modules (
id SERIAL NOT NULL,
name VARCHAR(255),
```

```
note
                         VARCHAR(255),
 add
                         VARCHAR(255),
 edit
                         VARCHAR(255),
                         VARCHAR(255),
 view
 delete
                         VARCHAR(255),
 created_at
                         TIMESTAMP WITH TIME ZONE,
 updated_at
                         TIMESTAMP WITH TIME ZONE,
 CONSTRAINT modules_pkey PRIMARY KEY(id)
)
```

permissions

```
CREATE TABLE permissions (
 id
                      SERIAL NOT NULL,
 role_id
                      INTEGER,
 module_id
                      INTEGER,
 add
                      VARCHAR(255),
 view
                      VARCHAR(255),
 update
                      VARCHAR(255),
 delete
                      VARCHAR(255),
 created_at
                      TIMESTAMP WITH TIME ZONE,
 updated_at
                      TIMESTAMP WITH TIME ZONE,
 CONSTRAINT permissions_pkey PRIMARY KEY(id)
)
```

staffs

```
CREATE TABLE staffs (
 id
                      SERIAL NOT NULL,
                      VARCHAR(255),
 code
 name
                      VARCHAR(255),
 email
                      VARCHAR(255),
 phone_no
                      VARCHAR(255),
                      VARCHAR(255),
 nid
 nationality
                      VARCHAR(255),
 present_address
                      VARCHAR(255),
 permanent_address
                      VARCHAR(255),
 specialist
                      VARCHAR(255),
 designation_id
                      INTEGER,
  department_id
                      INTEGER,
                      VARCHAR(255),
 bio
```

```
dob
                       VARCHAR(255),
  gender
                       VARCHAR(255),
 marital_status
                       VARCHAR(255),
  blood_type
                       VARCHAR(255),
  education
                       VARCHAR(255),
  photo
                       VARCHAR(255),
  signature
                       VARCHAR(255),
  religion
                       VARCHAR(255),
  experience
                       VARCHAR(255),
 joining_date
                       VARCHAR(255),
                      VARCHAR(255),
  leaving_date
  leaving_reason
                       VARCHAR(255),
 facebook_url
                       VARCHAR(255),
 instagram_url
                       VARCHAR(255),
  twitter_url
                       VARCHAR(255),
  linkedin_url
                       VARCHAR(255),
 bank_name
                       VARCHAR(255),
 branch_name
                       VARCHAR(255),
  ac_name
                       VARCHAR(255),
  ac_no
                       VARCHAR(255),
  note
                       VARCHAR(255),
  is_active
                       BOOLEAN,
  created_at
                       TIMESTAMP WITH TIME ZONE,
  updated_at
                       TIMESTAMP WITH TIME ZONE,
 CONSTRAINT staffs_pkey PRIMARY KEY(id)
)
```

patients

```
CREATE TABLE patients(
  id
                         SERIAL NOT NULL,
  code
                         VARCHAR(255),
  type
                         VARCHAR(255),
                         VARCHAR(255),
  name
                         VARCHAR(255),
  email
  phone_no
                         VARCHAR(255),
  blood_type
                         VARCHAR(255),
                         VARCHAR(255),
  gender
                         VARCHAR(255),
  marital_status
                         VARCHAR(255),
  age
  dob
                         VARCHAR(255),
  nid
                         VARCHAR(255),
  nationality
                         VARCHAR(255),
  religion
                         VARCHAR(255),
  photo
                         VARCHAR(255),
  present_address
                         VARCHAR(255),
  permanent_address
                         VARCHAR(255),
```

```
is_active BOOLEAN,

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT patients_pkey PRIMARY KEY(id)
)
```

doctor_schedule

```
CREATE TABLE doctor_schedule(
  id
                        SERIAL NOT NULL,
  staff_id
                        INTEGER,
 day
                        VARCHAR(255),
                        TIMESTAMP WITH TIME ZONE,,
 start_time
  end_time
                        TIMESTAMP WITH TIME ZONE,,
 per_patient_time
                        INTEGER,
 max_patient
                        INTEGER,
  appointment_type
                        VARCHAR(255),
 is_active
                        BOOLEAN,
  created_at
                        TIMESTAMP WITH TIME ZONE,
 updated_at
                        TIMESTAMP WITH TIME ZONE,
 CONSTRAINT doctor_schedule_pkey PRIMARY KEY(id)
)
```

doctor_appointments

```
CREATE TABLE doctor_appointments (
 id
                           SERIAL NOT NULL,
  patient_id
                           INTEGER,
  department_id
                           INTEGER,
  staff_id
                           INTEGER,
  schedule_id
                           INTEGER,
  date
                           DATE,
  day
                           INTEGER,
  serial_no
                           INTEGER,
  problem
                           VARCHAR(255),
  is_active
                           BOOLEAN,
  created_at
                           TIMESTAMP WITH TIME ZONE,
                           TIMESTAMP WITH TIME ZONE,
  updated_at
CONSTRAINT doctor_appointments_pkey PRIMARY KEY(id)
```

case_study_questions

case_studies

patient_case_studies

```
CREATE TABLE patient_case_studies (
                                 SERIAL NOT NULL,
  id
  patient_id
                                 INTEGER,
  department_id
                                 INTEGER,
  case_study_question_id
                                 INTEGER,
  description
                                 VARCHAR(255),
  is active
                                 BOOLEAN,
  created_at
                                 TIMESTAMP WITH TIME ZONE,
  updated_at
                                 TIMESTAMP WITH TIME ZONE,
```

```
CONSTRAINT patient_case_studies_pkey PRIMARY KEY(id)
)
```

prescriptions

```
CREATE TABLE prescriptions (
   id SERIAL NOT NULL,
   staff_id INTEGER,
   patient_id INTEGER,
   is_active BOOLEAN,

   created_at TIMESTAMP WITH TIME ZONE,
   updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT prescriptions_pkey PRIMARY KEY(id)
)
```

prescriptions_test

prescription_medicin

```
CREATE TABLE prescription_medicins (
                                 SERIAL NOT NULL,
 prescription_id
                                 INTEGER,
                                 VARCHAR(255),
 name
 qty
                                 INTEGER,
 unit
                                 VARCHAR(255),
 medicin_eat_roles
                                 VARCHAR(255),
 created_at
                                 TIMESTAMP WITH TIME ZONE,
 updated_at
                                 TIMESTAMP WITH TIME ZONE,
```

```
CONSTRAINT prescription_medicins_pkey PRIMARY KEY(id)
)
```

medicines

```
CREATE TABLE medicines (
  id
                                 SERIAL NOT NULL,
  code
                                 VARCHAR(255),
  name
                                 VARCHAR(255),
  room_id
                                 INTEGER,
  cost
                                 INTEGER,
  note
                                 VARCHAR(255),
  is_active
                                 BOOLEAN,
  created_at
                                 TIMESTAMP WITH TIME ZONE,
  updated_at
                                 TIMESTAMP WITH TIME ZONE,
  CONSTRAINT medicines_pkey PRIMARY KEY(id)
)
```

assets

```
CREATE TABLE assets (
  id
                                 SERIAL NOT NULL,
  name
                                 VARCHAR(255),
                                 INTEGER,
  qty
                                 NUMERIC(15, 2),
  price
  note
                                 VARCHAR(255),
  is_active
                                 BOOLEAN,
  created_at
                                 TIMESTAMP WITH TIME ZONE,
                                 TIMESTAMP WITH TIME ZONE,
  updated_at
  CONSTRAINT assets_pkey PRIMARY KEY(id)
```

equipments

```
CREATE TABLE equipments (

id SERIAL NOT NULL,

name VARCHAR(255),
```

```
qty
price
price
note
is_active

created_at
updated_at

CONSTRAINT equipments_pkey PRIMARY KEY(id)

note
VARCHAR(255),
BOOLEAN,

TIMESTAMP WITH TIME ZONE,
TIMESTAMP WITH TIME ZONE,

CONSTRAINT equipments_pkey PRIMARY KEY(id)

)
```

tests

```
CREATE TABLE tests (
 id
                     SERIAL NOT NULL,
 code
                    VARCHAR(255),
 name
                    VARCHAR(255),
 room_id
                     INTEGER,
                    VARCHAR(255),
 cost
 note
                    VARCHAR(255),
 is_active
                    BOOLEAN,
 created_at TIMESTAMP WITH TIME ZONE,
 updated_at
                   TIMESTAMP WITH TIME ZONE,
 CONSTRAINT tests_pkey PRIMARY KEY(id)
)
```

building

```
CREATE TABLE buildings (
id SERIAL NOT NULL,
name VARCHAR(255),
note VARCHAR(255),
is_active BOOLEAN,

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,
CONSTRAINT building_pkey PRIMARY KEY(id)
)
```

rooms

```
CREATE TABLE rooms (
id SERIAL NOT NULL,
name VARCHAR(255),
room_no INTEGER,
is_active BOOLEAN,

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT rooms_pkey PRIMARY KEY(id)
)
```

bed

```
CREATE TABLE beds (
 id
                     SERIAL NOT NULL,
 bed_no
                     INTEGER,
                     VARCHAR(255),
 type
 ward_id
                     INTEGER,
 cost
                     INTEGER,
 note
                     VARCHAR(255),
 is_active
                     BOOLEAN,
 created_at
                    TIMESTAMP WITH TIME ZONE,
 updated_at
                    TIMESTAMP WITH TIME ZONE,
 CONSTRAINT beds_pkey PRIMARY KEY(id)
)
```

ward

```
CREATE TABLE wards (
 id
                     SERIAL NOT NULL,
 name
                     VARCHAR(255),
 department_id
                     INTEGER,
                     VARCHAR(255),
 note
 is_active
                     BOOLEAN,
 created_at
                    TIMESTAMP WITH TIME ZONE,
 updated_at TIMESTAMP WITH TIME ZONE,
 CONSTRAINT wards_pkey PRIMARY KEY(id)
)
```

patient register

```
CREATE TABLE patient_registers (
                      SERIAL NOT NULL,
 patient_id
                      INTEGER,
 bed_id
                      INTEGER,
 bed_qty
                      INTEGER,
 package_id
                      INTEGER,
 service_id
                      INTEGER,
 start_date
                      DATE,
                      VARCHAR(255),
 note
 is_active
                      BOOLEAN,
 created_at
                     TIMESTAMP WITH TIME ZONE,
 updated_at
                      TIMESTAMP WITH TIME ZONE,
 CONSTRAINT patient_registers_pkey PRIMARY KEY(id)
)
```

Bank

```
CREATE TABLE banks(
id SERIAL NOT NULL,
name VARCHAR(255),
note VARCHAR(255),
is_active BOOLEAN,

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT banks_pkey PRIMARY KEY(id)
)
```

account

```
CREATE TABLE bank_accounts(
                   SERIAL NOT NULL,
 id
 date
                   VARCHAR(255),
 bank_id
                   INTEGER,
 brance_name
                   VARCHAR(255),
                   NUMERIC(15, 2),
 balance
 ac_no
                   VARCHAR(255),
                   VARCHAR(255),
 ac_type
 ac_holder
                   VARCHAR(255),
```

```
ac_holder_phone VARCHAR(255),
is_active BOOLEAN,

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT bank_accounts_pkey PRIMARY KEY(id)
)
```

banktransetion

Services

add Service

```
CREATE TABLE services(
 id
                    SERIAL NOT NULL,
 name
                    VARCHAR(255),
 amount
                   NUMERIC(15, 2),
 note
                    VARCHAR(255),
                    BOOLEAN,
 is_active
 created_at
                   TIMESTAMP WITH TIME ZONE,
 updated_at
                    TIMESTAMP WITH TIME ZONE,
 CONSTRAINT services_pkey PRIMARY KEY(id)
)
```

Package

```
CREATE TABLE packages(
 id
                    SERIAL NOT NULL,
 name
                    VARCHAR(255),
 discount
                    NUMERIC(15, 2),
 discount_type
                  VARCHAR(255),
 is_active
                   BOOLEAN,
 created_at
                   TIMESTAMP WITH TIME ZONE,
 updated_at
                    TIMESTAMP WITH TIME ZONE,
 CONSTRAINT packages_pkey PRIMARY KEY(id)
)
```

Package Services

```
CREATE TABLE package_services(
  id
                    SERIAL NOT NULL,
  package_id
                    INTEGER,
  service_id
                    INTEGER,
                    INTEGER,
  qty
  amount
                    NUMERIC(15, 2),
 created_at
                    TIMESTAMP WITH TIME ZONE,
                    TIMESTAMP WITH TIME ZONE,
  updated_at
CONSTRAINT package_services_pkey PRIMARY KEY(id)
```

Billing

```
CREATE TABLE Billings(
                    SERIAL NOT NULL,
  id
  patient_id
                    INTEGER,
  package_id
                    INTEGER,
  date
                    DATE,
                    VARCHAR(255),
  gender
  price
                    NUMERIC(15,2),
  discount
                    NUMERIC(15, 2),
  is_active
                    BOOLEAN,
  created_at
                    TIMESTAMP WITH TIME ZONE,
  updated_at
                    TIMESTAMP WITH TIME ZONE,
```

```
CONSTRAINT Billings_pkey PRIMARY KEY(id)
)
```

accounting

income Head

```
id SERIAL NOT NULL,
name VARCHAR(255),
note VARCHAR(255),

created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,
CONSTRAINT income_heads_pkey PRIMARY KEY(id)
)
```

income

```
CREATE TABLE incomes(
  id
                    SERIAL NOT NULL,
  income_head_id INTEGER,
  amount
                    NUMERIC(15, 2),
                   VARCHAR(255),
  name
  date
                    DATE,
                   VARCHAR(255),
  note
                   TIMESTAMP WITH TIME ZONE,
 created_at
  updated_at
                   TIMESTAMP WITH TIME ZONE,
  CONSTRAINT incomes_pkey PRIMARY KEY(id)
)
```

expense Head

```
CREATE TABLE expense_heads(

id SERIAL NOT NULL,
name VARCHAR(255),
note VARCHAR(255),
```

```
created_at TIMESTAMP WITH TIME ZONE,
updated_at TIMESTAMP WITH TIME ZONE,

CONSTRAINT expense_heads_pkey PRIMARY KEY(id)
)
```

expenses

```
CREATE TABLE expenses(
 id
                    SERIAL NOT NULL,
 expense_head_id
                    INTEGER,
 amount
                    NUMERIC(15, 2),
 name
                    VARCHAR(255),
 date
                    DATE,
 note
                    VARCHAR(255),
 created_at
                    TIMESTAMP WITH TIME ZONE,
 updated_at
                    TIMESTAMP WITH TIME ZONE,
 CONSTRAINT expenses_pkey PRIMARY KEY(id)
)
```

hospital activities

birth Report

```
CREATE TABLE birth_reports(
 id
                    SERIAL NOT NULL,
 report_type
                    VARCHAR(255),
 name
                    VARCHAR(255),
                    DATE,
 date
                    TIMESTAMP WITH TIME ZONE,
 birth_time
                    VARCHAR(255),
 gender
 father_name
                    VARCHAR(255),
 mother_name
                    VARCHAR(255),
 nationality
                    VARCHAR(255),
 religion
                    VARCHAR(255),
 staff_id
                    INTEGER,
 address
                    VARCHAR(255),
 is active
                    BOOLEAN,
 created_at
                    TIMESTAMP WITH TIME ZONE,
 updated_at
                    TIMESTAMP WITH TIME ZONE,
 CONSTRAINT birth_reports_pkey PRIMARY KEY(id)
```

```
)
```

Death Report

```
CREATE TABLE death_reports(
 id
                   SERIAL NOT NULL,
 patient_id
                  INTEGER,
 staff_id
                   INTEGER,
 father_name
                  VARCHAR(255),
 date_of_death
                  DATE,
 time_of_death
                  TIMESTAMP WITH TIME ZONE,
 description
                   VARCHAR(),
 is_active
                   BOOLEAN,
 created_at
                  TIMESTAMP WITH TIME ZONE,
 updated_at
                   TIMESTAMP WITH TIME ZONE,
 CONSTRAINT death_reports_pkey PRIMARY KEY(id)
)
```

investigation report

```
CREATE TABLE investigation_reports(
 id
                    SERIAL NOT NULL,
 patient_id
                   INTEGER,
 date
                   DATE,
 staff_id
                  INTEGER,
                   VARCHAR(255),
 note
                   BOOLEAN,
 is_active
 created_at
                   TIMESTAMP WITH TIME ZONE,
 updated_at
                   TIMESTAMP WITH TIME ZONE,
 CONSTRAINT investigation_reports_pkey PRIMARY KEY(id)
)
```

oparation report

```
CREATE TABLE operation_reports(
```

```
id
                    SERIAL NOT NULL,
  patient_id
                    INTEGER,
 title
                    VARCHAR(255),
 date
                    DATE,
 staff_id
                    INTEGER,
                    VARCHAR(255),
 description
 is_active
                    BOOLEAN,
                    TIMESTAMP WITH TIME ZONE,
 created_at
 updated_at
                    TIMESTAMP WITH TIME ZONE,
 CONSTRAINT oparation_reports_pkey PRIMARY KEY(id)
)
```

notice boards

```
CREATE TABLE notice_boards(
 id
                   SERIAL NOT NULL,
 title
                   VARCHAR(255),
 person_type
                   VARCHAR(255),
 description
                   VARCHAR(255),
 start_date
                   DATE,
 end_date
                   DATE,
 is_active
                   BOOLEAN,
 created_at
                   TIMESTAMP WITH TIME ZONE,
 updated_at
                   TIMESTAMP WITH TIME ZONE,
 CONSTRAINT notice_boards_pkey PRIMARY KEY(id)
)
```

.....End.....