Enum Role {

  ADMIN

  DONOR

  CHARITY

  BENEFICIARY

}

Enum CampaignStatus {

  STARTING

  ONGOING

  CLOSED

  COMPLETED

}

Enum VerificationStatus {

  PENDING

  VERIFIED

  REJECTED

}

Enum PaymentStatus {

  PENDING

  SUCCESS

  FAILED

}

Table Users {

  id varchar [pk]

  full\_name varchar

  email varchar [unique, not null]

  phone varchar [unique, not null]

  otp\_verified boolean [default: false]

  password varchar [not null]

  role Role

  profile\_image varchar

  district varchar

  ward varchar

  address varchar

  created\_at timestamp

  updated\_at timestamp

  phone\_verified\_at timestamp

}

Table Admins {

  id varchar [pk, ref: > Users.id]

  is\_system\_admin boolean [default: false]

}

Table Charities {

  id varchar [pk, ref: > Users.id]

  title varchar [not null]

  description text

  license\_description text

  license\_image\_url varchar [not null]

  license\_number varchar

  license\_date timestamp

  license\_issuer varchar

  verification\_status VerificationStatus [default: 'PENDING']

  founding\_date timestamp

  website varchar

  social\_links jsonb

  merchant\_id varchar [unique]

  merchant\_name varchar

  bank\_account varchar

  payment\_gateway varchar

  api\_key varchar

  rating decimal [default: 0]

  campaign\_count int [default: 0]

  total\_raised decimal [default: 0]

  created\_at timestamp

  updated\_at timestamp

  bank\_name varchar

  bank\_branch varchar

  bank\_owner varchar

}

Table Campaigns {

  id varchar [pk]

  charity\_id varchar [ref: > Charities.id]

  title varchar [not null]

  description text

  detail\_goal text

  status CampaignStatus [default: 'STARTING']

  rating decimal [default: 0]

  target\_amount decimal [not null]

  current\_amount decimal [default: 0]

  start\_date timestamp [not null]

  end\_date timestamp [not null]

  district varchar

  ward varchar

  address varchar

  images varchar [not null]

  created\_at timestamp

  updated\_at timestamp

  edit\_history jsonb

}

Table PaymentMethods {

  id varchar [pk]

  name varchar [not null]

  transaction\_code varchar [unique, not null]

}

Table Donations {

  id varchar [pk]

  campaign\_id varchar [ref: > Campaigns.id]

  donor\_id varchar [ref: > Users.id]

  payment\_method\_id varchar [ref: > PaymentMethods.id]

  amount decimal [not null]

  note text

  invoice\_code varchar [unique]

  payment\_transaction\_id varchar [unique]

  is\_anonymous boolean [default: false]

  status PaymentStatus [default: 'PENDING']

  created\_at timestamp

  updated\_at timestamp

  is\_intermediate boolean [default: false]

}

Table Distributions {

  id varchar [pk]

  campaign\_id varchar [ref: > Campaigns.id]

  title varchar [not null]

  budget decimal [not null]

  distribution\_date timestamp [not null]

  district varchar

  ward varchar

  address varchar

  beneficiary\_count int [not null]

  description text

  proof\_images varchar

  representative\_name varchar [ref: > Users.id]

  relief\_date timestamp

  created\_at timestamp

  updated\_at timestamp

}

Table Comments {

  id varchar [pk]

  campaign\_id varchar [ref: > Campaigns.id]

  user\_id varchar [ref: > Users.id]

  content text [not null]

  rating decimal [not null]

  role Role

  created\_at timestamp

}

Table OTPCodes {

  id varchar [pk]

  phone varchar [ref: > Users.phone]

  code varchar [not null]

  expires\_at timestamp [not null]

  verified boolean [default: false]

  attempt\_count int [default: 0]

  created\_at timestamp

}

Table PasswordResets {

  id varchar [pk]

  user\_id varchar [ref: > Users.id]

  token varchar [unique, not null]

  expires\_at timestamp [not null]

  used boolean [default: false]

  created\_at timestamp

}