DDL-Bikroy.com

Najrin Sultana Shukti-1605042

Abrar Nadib-1605043

For Products Table:

CREATE TABLE public.products(

product\_id integer NOT NULL DEFAULT nextval('products\_product\_id\_seq'::regclass),

catagory\_id integer NOT NULL,seller\_id integer NOT NULL,

price integer NOT NULL,

location\_id integer NOT NULL,

condition character varying(255) COLLATE pg\_catalog."default",

phone\_no bigint NOT NULL,

posting\_date date NOT NULL,

posting\_time time(6) without time zone NOT NULL,

is\_varified boolean DEFAULT false,

is\_paid boolean description character varying COLLATE pg\_catalog."default" NOT NULL,

item\_type character varying(255) COLLATE pg\_catalog."default",

brand character varying(255) COLLATE pg\_catalog."default",

product\_name character varying(255) COLLATE pg\_catalog."default",

CONSTRAINT products\_pkey PRIMARY KEY (product\_id),

CONSTRAINT products\_catagory\_id\_fkey FOREIGN KEY (catagory\_id)

REFERENCES public.catagory (catagory\_id) MATCH SIMPLE

ON UPDATE CASCADE ON DELETE CASCADE,

CONSTRAINT products\_location\_id\_fkey FOREIGN KEY (location\_id)

REFERENCES public.location (location\_id) MATCH SIMPLE

ON UPDATE CASCADE ON DELETE CASCADE,

CONSTRAINT products\_seller\_id\_fkey FOREIGN KEY (seller\_id)

REFERENCES public.users (user\_id) MATCH SIMPLE

ON UPDATE CASCADE ON DELETE CASCADE)

For Users Table:

CREATE TABLE public.users(

email character varying(255) COLLATE pg\_catalog."default" NOT NULL,

name character varying(255) COLLATE pg\_catalog."default" NOT NULL,

password character varying(255) COLLATE pg\_catalog."default" NOT NULL,

age integer NOT NULL,

user\_id integer NOT NULL DEFAULT nextval('users\_user\_id\_seq'::regclass),

gender character varying(255) COLLATE pg\_catalog."default" NOT NULL,

is\_admin boolean DEFAULT false,

phone bigint NOT NULL,

CONSTRAINT users\_pkey PRIMARY KEY (user\_id),

CONSTRAINT users\_email\_key UNIQUE (email))

For Location Table:

CREATE TABLE public.location

(

location\_id integer NOT NULL DEFAULT nextval('location\_location\_id\_seq'::regclass),

location\_name character varying(255) COLLATE pg\_catalog."default" NOT NULL,

CONSTRAINT location\_pkey PRIMARY KEY (location\_id),

CONSTRAINT location\_location\_name\_key UNIQUE (location\_name)

)

For Catagory Table:

CREATE TABLE public.catagory

(

catagory\_id integer NOT NULL DEFAULT nextval('catagory\_catagory\_id\_seq'::regclass),

catagory\_name character varying(255) COLLATE pg\_catalog."default" NOT NULL,

description character varying(255) COLLATE pg\_catalog."default" NOT NULL,

add\_fee integer DEFAULT 0,

CONSTRAINT catagory\_pkey PRIMARY KEY (catagory\_id),

CONSTRAINT catagory\_catagory\_name\_catagory\_id\_key UNIQUE (catagory\_name)

INCLUDE(catagory\_id)

)

For Chats Table:

CREATE TABLE public.chats

(

sender\_id integer NOT NULL,

reciever\_id integer NOT NULL,

message character varying COLLATE pg\_catalog."default" NOT NULL,

sending\_date date NOT NULL,

sending\_time time without time zone NOT NULL,

CONSTRAINT chats\_reciever\_id\_fkey FOREIGN KEY (reciever\_id)

REFERENCES public.users (user\_id) MATCH SIMPLE

ON UPDATE CASCADE

ON DELETE CASCADE,

CONSTRAINT chats\_sender\_id\_fkey FOREIGN KEY (sender\_id)

REFERENCES public.users (user\_id) MATCH SIMPLE

ON UPDATE CASCADE

ON DELETE CASCADE

)

For Favourites Table:

CREATE TABLE public.favourites

(

user\_id integer NOT NULL,

product\_id integer NOT NULL,

CONSTRAINT favourites\_product\_id\_fkey FOREIGN KEY (product\_id)

REFERENCES public.products (product\_id) MATCH SIMPLE

ON UPDATE CASCADE

ON DELETE CASCADE,

CONSTRAINT favourites\_user\_id\_fkey FOREIGN KEY (user\_id)

REFERENCES public.users (user\_id) MATCH SIMPLE

ON UPDATE CASCADE

ON DELETE CASCADE

)

For Notifications Table:

CREATE TABLE public.notifications

(

user\_id integer NOT NULL,

notice character varying COLLATE pg\_catalog."default" NOT NULL,

"time" time without time zone NOT NULL,

date date NOT NULL,

notification\_type character varying COLLATE pg\_catalog."default",

CONSTRAINT notifications\_user\_id\_fkey FOREIGN KEY (user\_id)

REFERENCES public.users (user\_id) MATCH SIMPLE

ON UPDATE CASCADE

ON DELETE CASCADE

)

For Reports Table:

CREATE TABLE public.reports

(

report\_id integer NOT NULL DEFAULT nextval('reports\_report\_id\_seq'::regclass),

product\_id integer NOT NULL,

details character varying COLLATE pg\_catalog."default" NOT NULL,

reporter\_id integer NOT NULL,

CONSTRAINT reports\_pkey PRIMARY KEY (report\_id),

CONSTRAINT reports\_product\_id\_fkey FOREIGN KEY (product\_id)

REFERENCES public.products (product\_id) MATCH SIMPLE

ON UPDATE CASCADE

ON DELETE CASCADE,

CONSTRAINT reports\_reporter\_id\_fkey FOREIGN KEY (reporter\_id)

REFERENCES public.users (user\_id) MATCH SIMPLE

ON UPDATE CASCADE

ON DELETE CASCADE

)

For paymnt\_history Table:

CREATE TABLE public.paymnt\_history

(

adv\_id integer NOT NULL,

transaction\_id integer NOT NULL DEFAULT nextval('paymnt\_history\_transaction\_id\_seq'::regclass),

payment\_amount integer NOT NULL,

payment\_date date NOT NULL,

payment\_time time without time zone NOT NULL,

CONSTRAINT paymnt\_history\_pkey PRIMARY KEY (transaction\_id),

CONSTRAINT paymnt\_history\_adv\_id\_fkey FOREIGN KEY (adv\_id)

REFERENCES public.products (product\_id) MATCH SIMPLE

ON UPDATE CASCADE

ON DELETE CASCADE

)

THE END.