CREATE TYPE team AS ENUM ('core', 'club', 'core and club');

CREATE TYPE role AS ENUM ('assistant', 'data handler', 'editor', 'photographer', 'planner', 'producer', 'videographer');

CREATE TYPE account\_type AS ENUM ('administrator', 'client', 'crew member');

CREATE TYPE status AS ENUM ('to do', 'in progress', 'review', 'done');

CREATE TYPE event\_type AS ENUM ('club photography', 'festival', 'product shoot');

account(

id PK,

forename,

surname,

username

email\_address,

password,

type NOT NULL,

UNIQUE(email\_address),

UNIQUE(username)

);

has\_login\_session(

account PK,

session\_id,

expires timestamp DEFAULT current\_timestamp + interval '1' hour,

FK(account) REF account(id)

);

administrator(

id PK,

FK(id) REF account

);

announcement(

id PK,

announcer\_id NOT NULL,

title,

body,

datetime timestamp without time zone DEFAULT CURRENT\_TIMESTAMP,

FK(announcer\_id) REF administrator(id)

);

client(

id PK,

phone\_number,

FK(id) REF account

);

crew\_member(

id,

role,

team,

PK(id, role, team),

FK(id) REF account),

);

event(

id PK,

client\_id NOT NULL,

name,

description,

start timestamp without time zone,

duration,

location,

production\_manager\_id,

status NOT NULL DEFAULT ‘to do’,

type event\_type NOT NULL,

FK(client\_id) REF client(id),

FK(production\_manager) REF crew\_member(id)

);

event\_requirement(

event\_id,

role,

crew\_size,

PK(event\_id, role),

FK(event\_id) REF event(id)

);

event\_enrollment(

event\_id,

crew\_id,

PK(event\_id, crew\_id),

FK(event\_id) REF event(id),

FK(crew\_id) REF crew\_member(id)

);