True Course SQL:

Address Table

```
CREATE TABLE public.address
(
    aid integer NOT NULL DEFAULT nextval('address_aid_seq'::regclass),
    addressline1 text COLLATE pg_catalog."default",
    addressline2 text COLLATE pg_catalog."default",
    city text COLLATE pg_catalog."default",
    state text COLLATE pg_catalog."default",
    zip integer,
    country text COLLATE pg_catalog."default",
    CONSTRAINT address_pkey PRIMARY KEY (aid)
)
WITH (
    OIDS = FALSE
)
TABLESPACE pg_default;

ALTER TABLE public.address
    OWNER to postgres;
```

Coaches Table

```
CREATE TABLE public.coaches
(
    id integer NOT NULL DEFAULT nextval('coaches_id_seq'::regclass),
    first text COLLATE pg_catalog."default" NOT NULL,
    last text COLLATE pg_catalog."default" NOT NULL,
    age integer NOT NULL,
    location character(50) COLLATE pg_catalog."default",
    CONSTRAINT coaches_pkey PRIMARY KEY (id)
)
WITH (
    OIDS = FALSE
```

```
)
TABLESPACE pg_default;

ALTER TABLE public.coaches
    OWNER to postgres;
```

Encounters Table

```
CREATE TABLE public.encounters
(
    mid integer NOT NULL DEFAULT nextval('encounters_mid_seq'::regclass),
    eid integer NOT NULL DEFAULT nextval('encounters_eid_seq'::regclass),
    notes text COLLATE pg_catalog."default",
    date date,
    location text COLLATE pg_catalog."default",
    importance text COLLATE pg_catalog."default",
    CONSTRAINT encounters_pkey PRIMARY KEY (eid),
    CONSTRAINT fk_mid FOREIGN KEY (mid)
        REFERENCES public.members (mid) MATCH SIMPLE
        ON UPDATE NO ACTION
        ON DELETE NO ACTION
)
WITH (
    OIDS = FALSE
)
TABLESPACE pg_default;

ALTER TABLE public.encounters
    OWNER to postgres;
```

Members Address Reference Table:

```
CREATE TABLE public.membaddxref
(
    aid integer NOT NULL DEFAULT nextval('membaddxref_aid_seq'::regclass),
    mid integer NOT NULL DEFAULT nextval('membaddxref_mid_seq'::regclass),
    CONSTRAINT membaddxref_pkey PRIMARY KEY (aid, mid),
    CONSTRAINT membaddxref_fkey FOREIGN KEY (aid, mid)
```

```
    REFERENCES public.membaddxref (aid, mid) MATCH SIMPLE
    ON UPDATE NO ACTION
    ON DELETE NO ACTION
)
WITH (
  OIDS = FALSE
)
TABLESPACE pg_default;

ALTER TABLE public.membaddxref
  OWNER to postgres;
```

Members Table

```
CREATE TABLE public.members
(
  mid integer NOT NULL DEFAULT nextval('unique_seq'::regclass),
  mid integer NOT NULL DEFAULT nextval('unique_seq'::regclass),
  first text COLLATE pg_catalog."default" NOT NULL,
  last text COLLATE pg_catalog."default" NOT NULL,
  dob text COLLATE pg_catalog."default" NOT NULL,
  sex text COLLATE pg_catalog."default" NOT NULL,
  phone text COLLATE pg_catalog."default",
  cpref text COLLATE pg_catalog."default",
  mname text COLLATE pg_catalog."default",
  email text COLLATE pg_catalog."default",
  workplace text COLLATE pg_catalog."default",
  income integer,
  visitpref text COLLATE pg_catalog."default",
  vfood text COLLATE pg_catalog."default",
  vbook text COLLATE pg_catalog."default",
  education text COLLATE pg_catalog."default",
  id integer,
  CONSTRAINT members_pkey PRIMARY KEY (mid),
  CONSTRAINT unique1 UNIQUE (mid),
  CONSTRAINT members_id_fkey FOREIGN KEY (id)
```

```
    REFERENCES public.coaches (id) MATCH SIMPLE
    ON UPDATE NO ACTION
    ON DELETE NO ACTION
)
WITH (
  OIDS = FALSE
)
TABLESPACE pg_default;

ALTER TABLE public.members
  OWNER to postgres;
```

Relationship Table

```
CREATE TABLE public.relationship
(
  rid integer NOT NULL DEFAULT nextval('relationship_rid_seq'::regclass),
  mid integer NOT NULL DEFAULT nextval('relationship_mid_seq'::regclass),
  relationshiptype integer NOT NULL DEFAULT nextval('relationship_relationshiptype_seq'::regclass),
  CONSTRAINT relationship_pkey PRIMARY KEY (rid)
)
WITH (
  OIDS = FALSE
)
TABLESPACE pg_default;

ALTER TABLE public.relationship
  OWNER to postgres;
```

Relationship Type Table

```
CREATE TABLE public.relationshiptype

(

    relationshiptype integer NOT NULL DEFAULT nextval('relationshiptype_relationshiptype_seq'::regclass),

    relationshiptypedetails text COLLATE pg_catalog."default" NOT NULL,

    CONSTRAINT relationshiptype_pkey PRIMARY KEY (relationshiptype)

)

WITH (

    OIDS = FALSE

)

TABLESPACE pg_default;


ALTER TABLE public.relationshiptype

    OWNER to postgres;
```