HealthcareProvider (id, first\_name, last\_name, title, location)

Title (acronym, name)

Location (location\_id, name, type, x\_coord, y\_coord, floor)

Floor (floor\_id, name, building)

Path (start, end)

Department (name, location, type) --type is service or practice

Foreign Key HealthcareProvider (location) References Location (id)

Foreign Key Location (floor) References Floor (floor\_id)

Foreign Key HealthcareProvider (location) References Location (location\_id)

Constraint Unique (Location.x\_coord, Location.y\_coord)