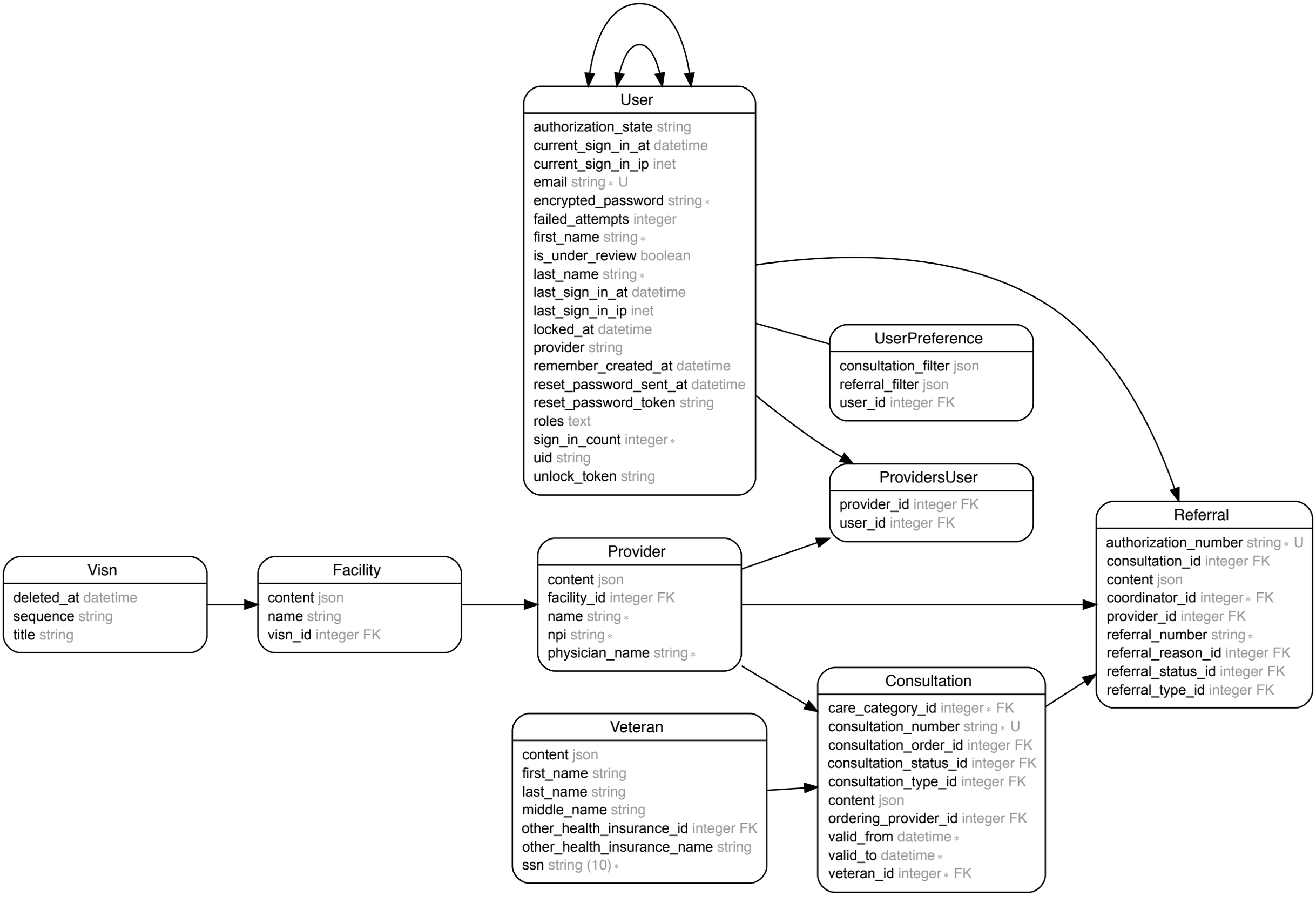Top-level CPP Data Model