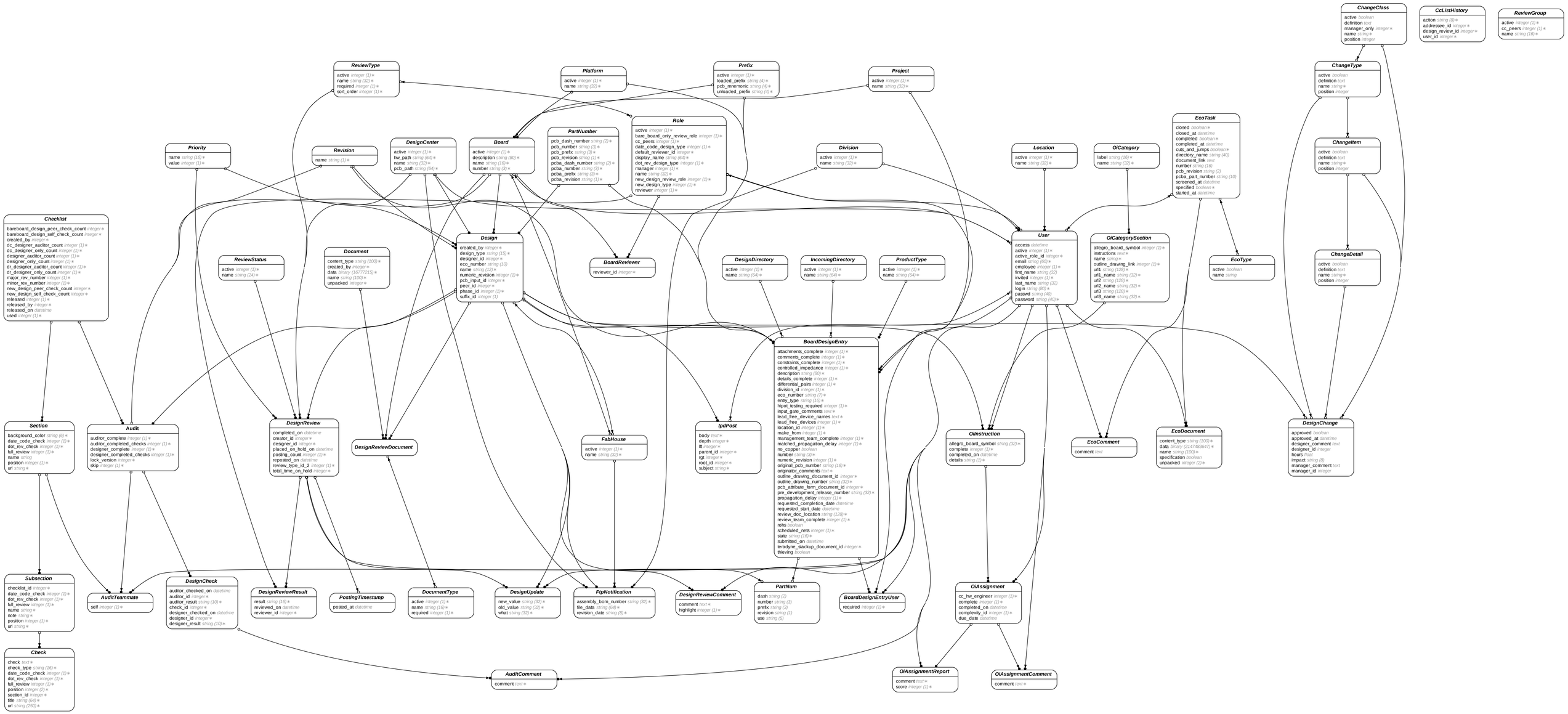PcbTracker domain model