Desconstructing the Business Case Hypothetically

1. Bank Insurance Merger

Insurance company and bank’s partial schema

No linking columns to use as primary and foreign keys. The insurance company has a different method for keeping track of the people using their service. Typically insurance companies can have multiple people a persons’ policy (naming conflicts). This would mean the integration would need to be flexible enough to have one or more names listed on an account (structural schema related).

2. Integration of Public Health Information

Hospitals and labs use different naming conventions for various types of tests (naming conflicts) plus emergency services doesn’t have a strict convention (semantic). There are also system level conflicts with hardware since doctors and hospitals and such use different instances.

3. Integration for Multichannel Customer Analytics

First major name conflicts (semantics) and mostly structural schema related because you have so many different schemas.