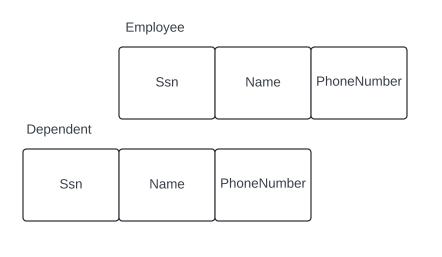
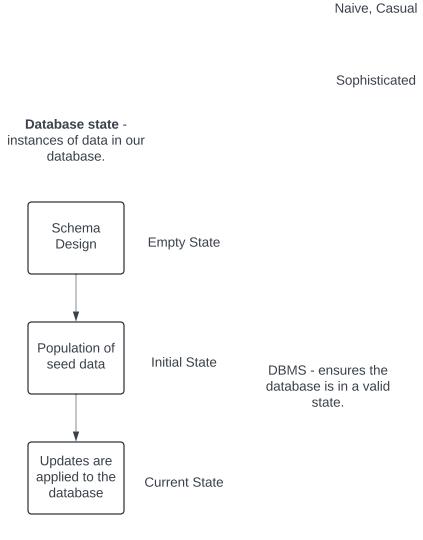


Description of the database - **Schema**, specified when designing the database, changes infrequently.

Schema Construct



Schema evolution changes to the initial schema once implemented.



Data Model 1. Hilight important aspects of the data to end users 2. Hide details of data storage, data access. Entities - i.e. Employee Relational Data Model (ER Diagram) Attributes - Position, Ssn, StartDate, etc... make up the majority of stored data in the database. High level data model (conceptual data models) Relationships - between Representational data models multiple entities i.e. (record based data models) i.e. Relational Schema Works for Low Level data models Access Path i.e. indexes Self describing data models - i.e. XML DCMS Why not use DBMS? • Small project scope terminals Centralized embedded systems (view) • single user systems Time terminals Client Sever (view) Architecture

runs on a mobile device, pc, etc... (user

interface to the DBMS which lives on the Server)

data storage, data access, searching,

other functions.

Client Module

Sever

Module