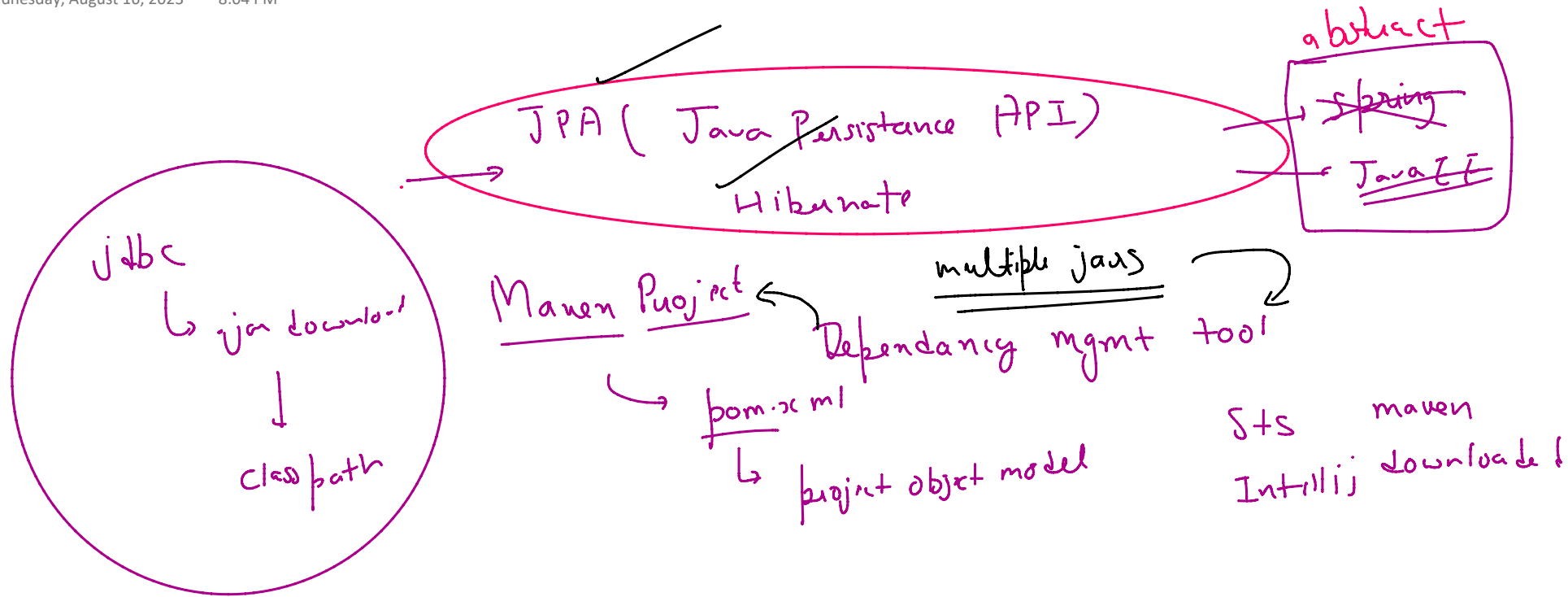


JPA and HIBERNATE

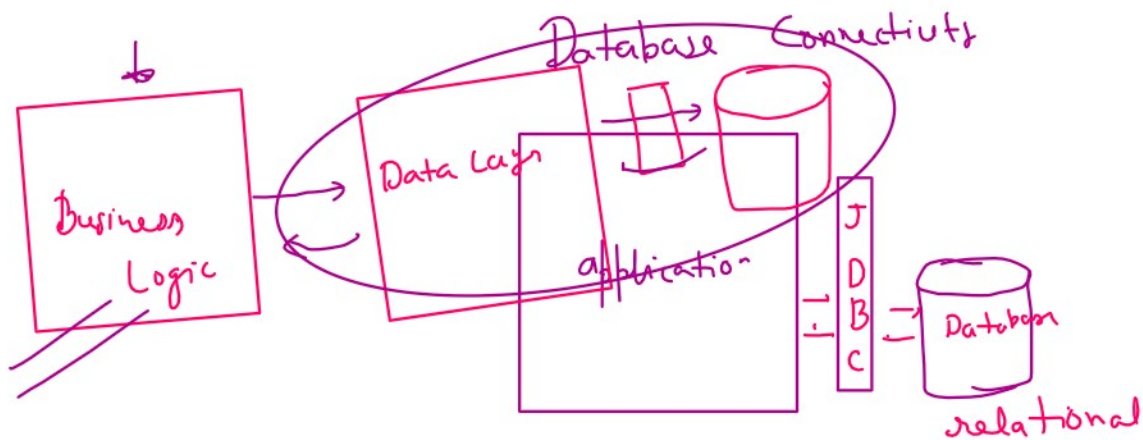
Wednesday, August 16, 2023 8:04 PM



JPA (Java Persistence API)

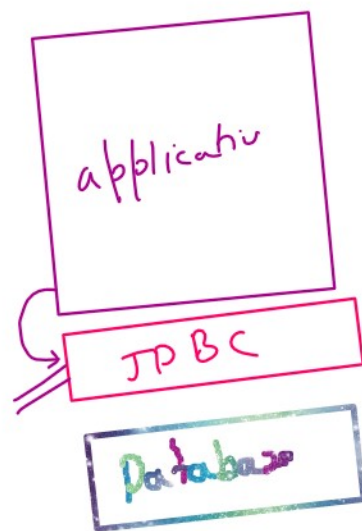
↓

Database Connectivity



ORM (Object Relational Mapping)

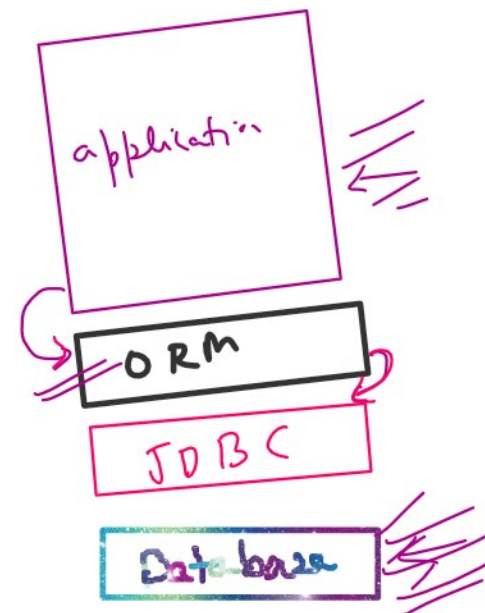




ORM

Interface

(Standardization / ...)



ORM

Class (Implementator.)

Hibernate

~~Django~~

~~(Standardization /~~
~~Blueprint / Specification)~~
~~JPA { Interface }~~

~~Hibernate~~
~~Nitkash ORM~~

annotations @

JPA
|

class Pokemon {
 Primary Key
 String name;
 String type;

pokemon		
name	type	power
hitok	electric	100

↓
Hibernate

@Entity

String type;

int power;

~~transaction~~

name = pikachu
~~type = electric~~
~~power = 100~~

pikachu	electric	100

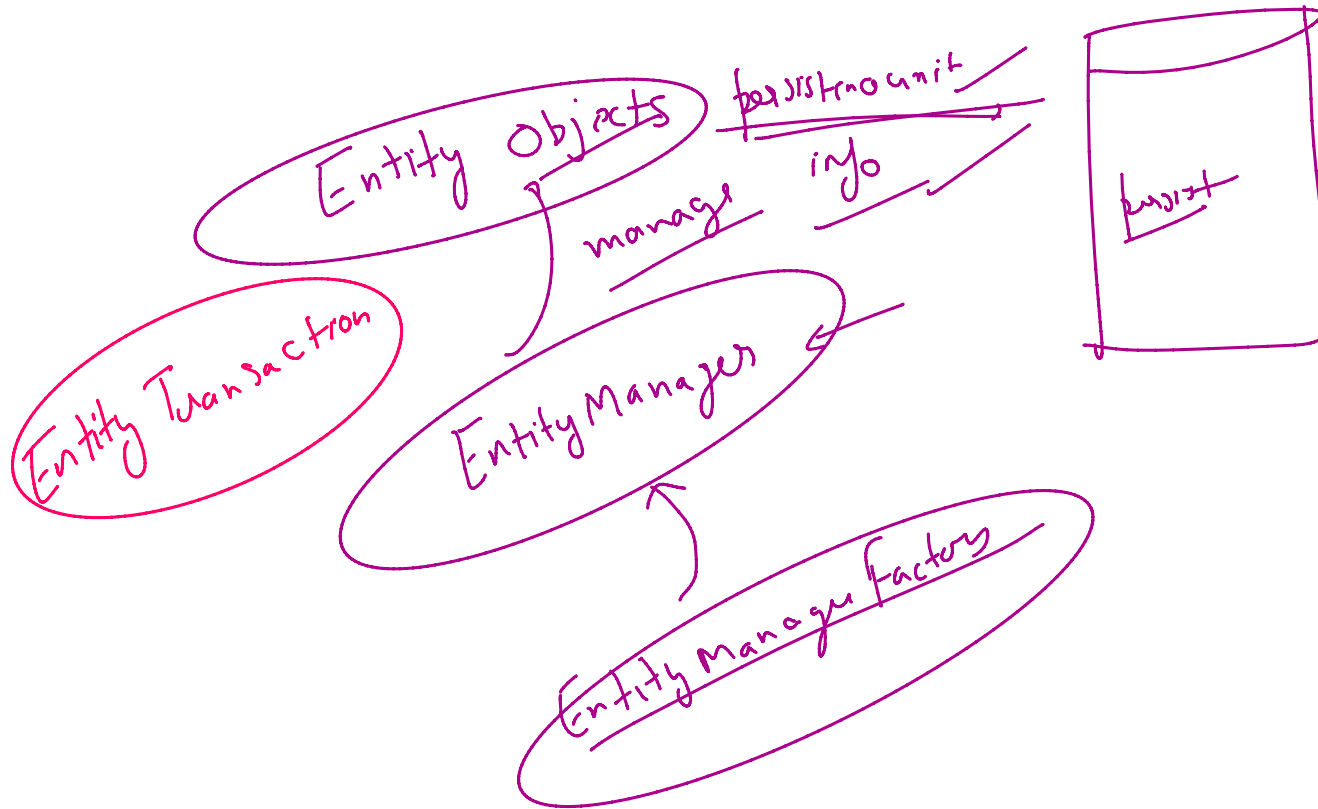
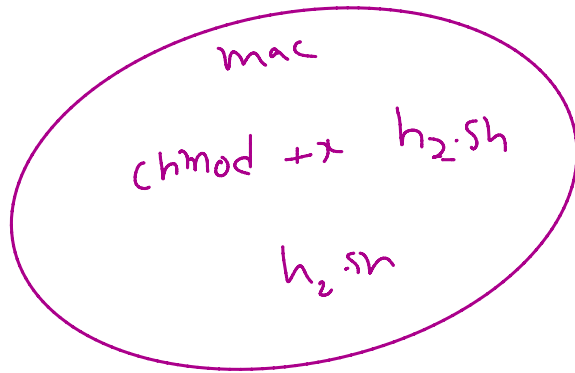
H2

↳ Lightweight
Inmemory

Database Server



1. Library classpath (.jar) → maven
2. Class Pokemon map → database
3. member/instance variable → column
4. JPA/Hibernate → CRUD



Maven Project

↓
no archetype