C R U D

Presentation Layer

XML/ UI

Methods GET (Payload – JSON)

Entity (Persistent data)

Create

Read

Update

Delete

Application Layer

Implementation for GET an entity for a payload

15 fields – 12 fields (Transient data)

Database

5 tables

Userdetails , Bank details, Branch Info ….

1. DB connections - How to reduce #hits to the DB
2. Unnecessary data – Views – Exactly what all fields you require (predefined)
3. UI is just for display (Why to spend lot of time on it ??)
4. How can I make the process simple and scalable?

UI Annotations

Entity - Come up with a concept such as methods which can handle DB operations

Userdetails – DB methods – CRUDOperationsInterface

fetchByName

fetchByNumber

fetchById

In order to make a development concentrate more on business logic, UI and DB and unnecessary copy paste code is completely handled using a concept called **FRAMEWORK**

Set of guidelines

Code in any particular lang of interest – Java

1. FRAMEWORK – **SPRING** - Annotations
2. Java

Functional Programming

Var int I = 5

Method1{

}

Method2{

}

Integer – addition, sub, mult, div

Value, size, hashcode

Obj1 – CricketScorer

Score

getScore

four

six

Obj – CricketScorer

Score

getScore

four

six