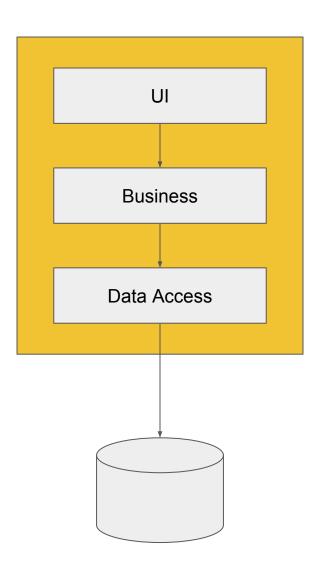
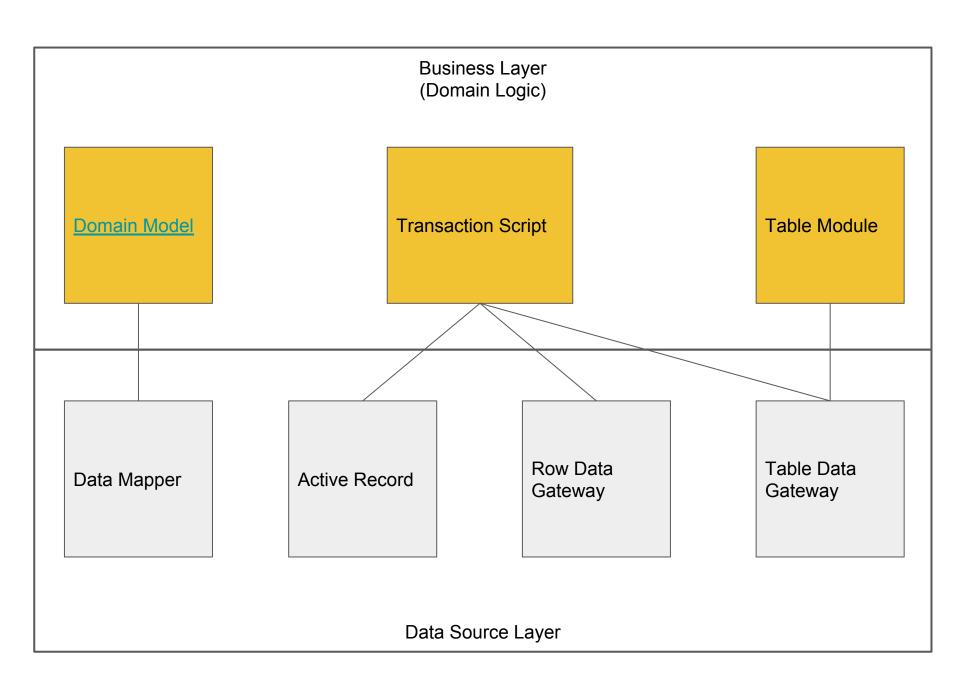
Domain Logic and Data Source Patterns

Based on Martin Fowler et. al, Patterns of Enterprise Application Architecture, Addison Wesley, 2003 (Chapters 10 and 9)

3-TIER Architecture





Active Record Vs Row Data Gateway

Active Record

Row Data Gateway

- 1. One Object Per Row
- 2. Has Fields
- 3. Has Insert, Update, Delete, Methods
- 4. Has either a static find(identifier) method or separate Finder class
- 5. Must change implementation if DataBase changes

Has Business Logic

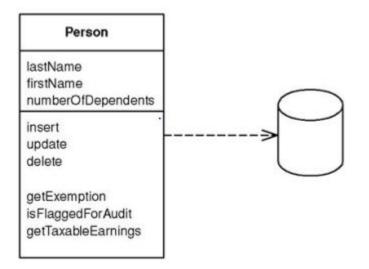
=> generating a new file overwrites your business Logic code NO Business Logic

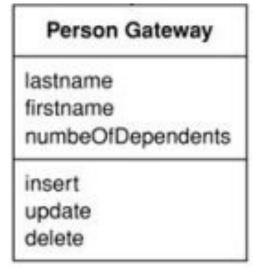
=> Can be generated based on DB

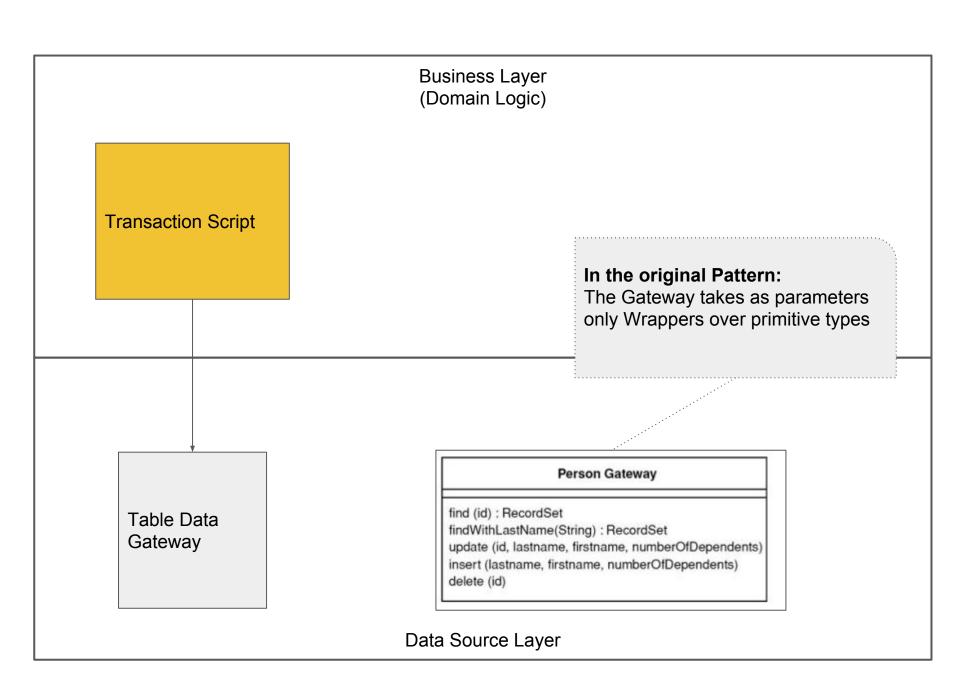
Active Record Vs Row Data Gateway

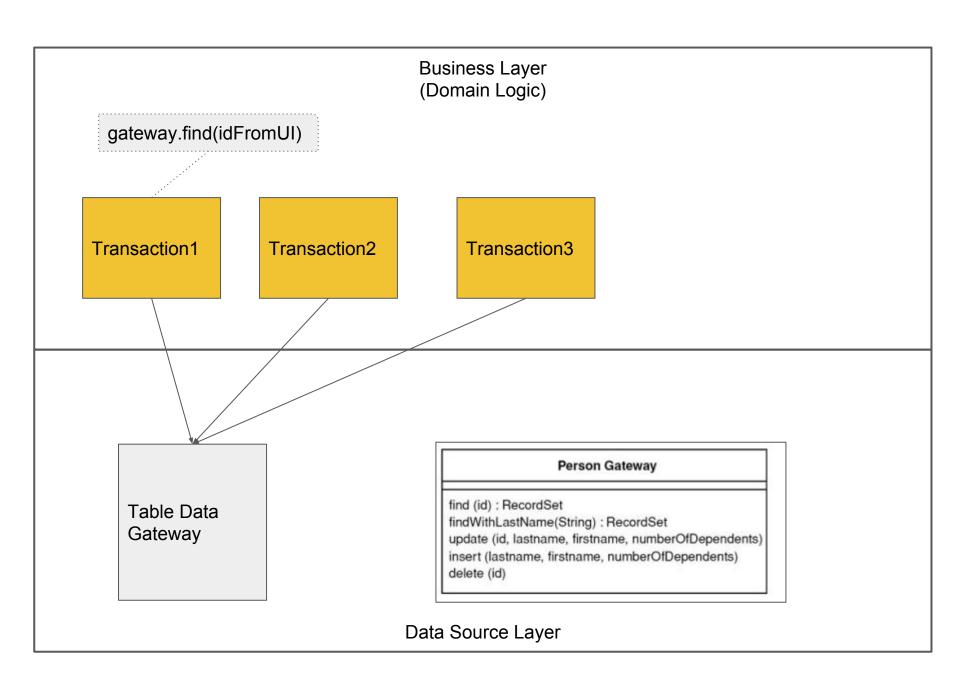
Active Record

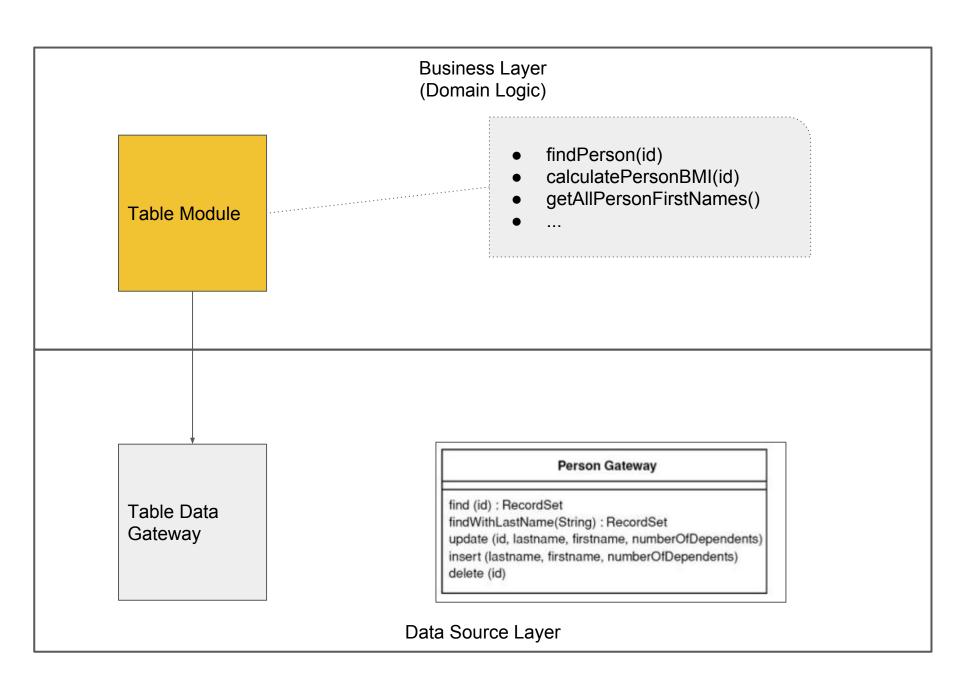
Row Data Gateway

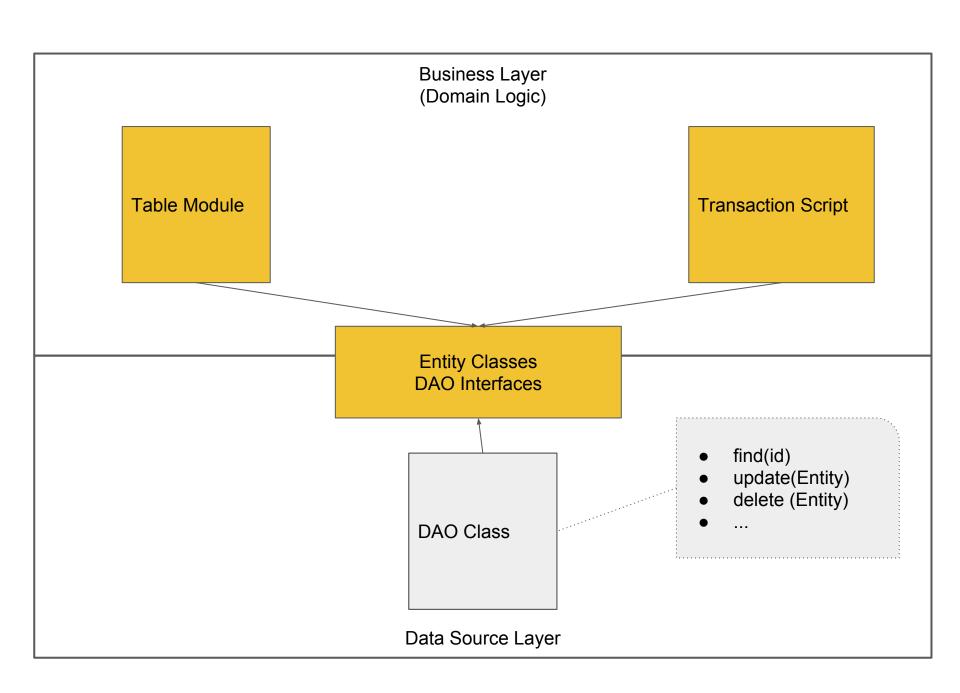




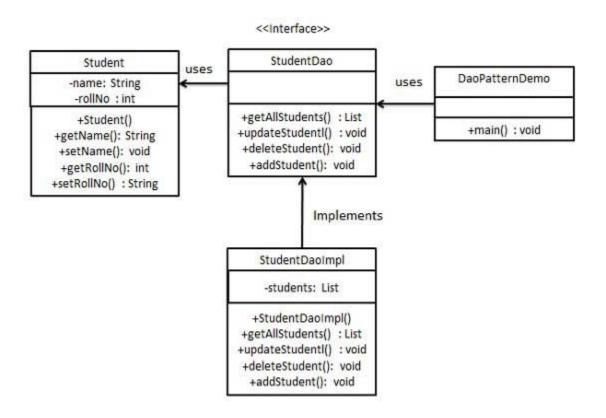




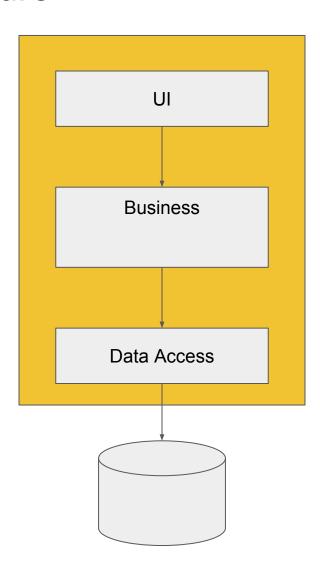




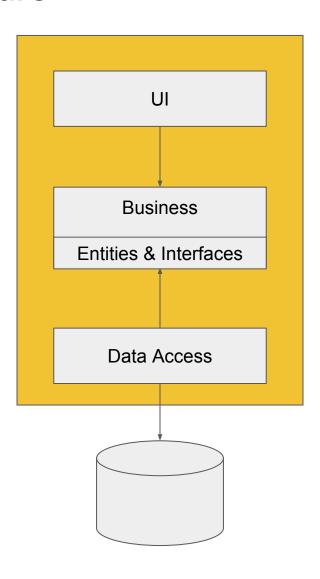
The Dao Design Pattern



3-TIER Architecture



3-TIER Architecture



Questions?

Then let's start coding

