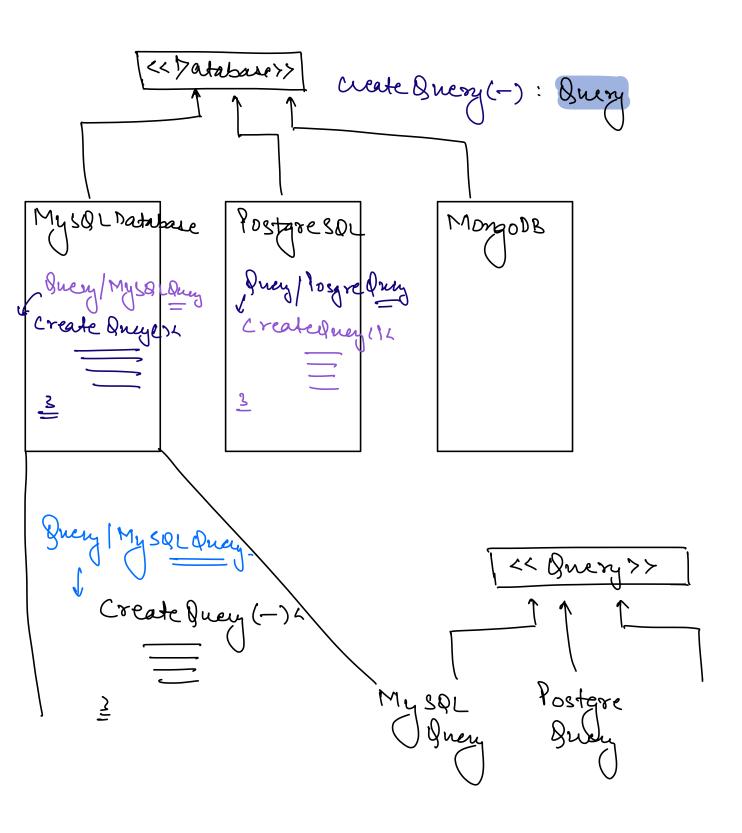
Class UserService (Mys9L.

Database db; Morgods.

Morgods. guery 9 = db. create guery ("-"); deletelser (____) < => It Database is a Normal class then it min Violate Dependency Inversion Innciple 7 Ideally Database should be an interface, so that it mould be easier for us to thange the underlying object in DB reference.



Create Queny : Query

<< ratabase>>

User Service L Patabase alb); Guery 9; (Create Ducy ()) Mysgl) (my 881 quey() dse if (db is Rosgre) (q = Postgre Query ()

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Connect();

Create Opdater (): Opdater

Create Updater (): Updater

Change Port()

Create Updater (): Updater

Change Port()

Database

Connect();

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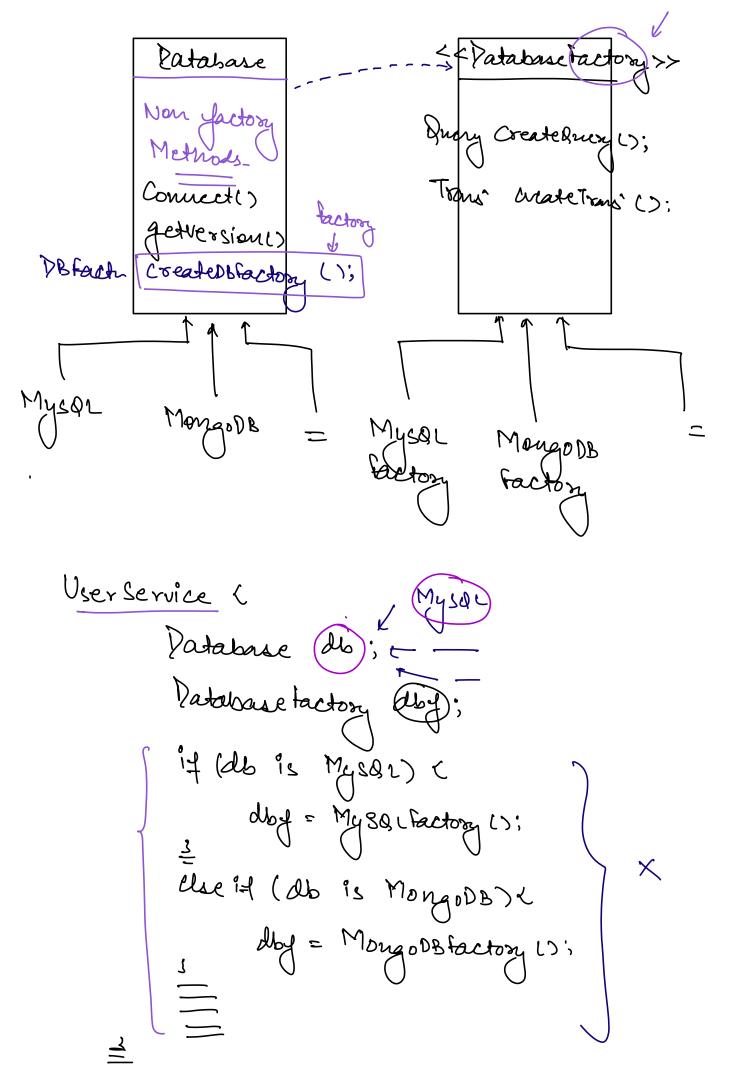
Database factory

Create Buey (): Query

Create Transaction (): Trus

Create Updater (): Updater

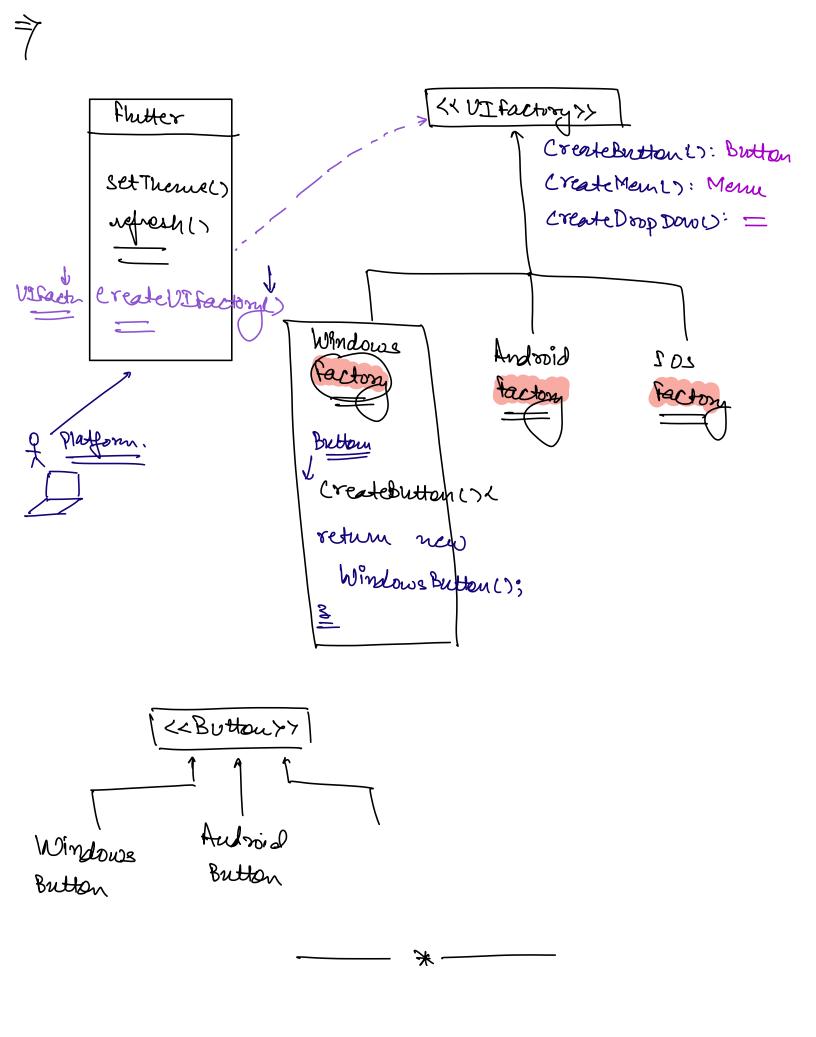
=> Abstract factory.



db. create PB factory (); Database factor Patabase Create guerge): Buerg create Trans (): Trans. Connection gethersian) Mangelon () Createlactory (); DBF Postgre My sol 1 MorgoDB. Mysal Pactory Mysachactory (resteractory ()) CreateQuey 12 return new 4501 Mysolfactondo, << Query >> | Myson MorgoDB

Userservice < Patabase do = new Mysgidsi); Patabasefactory dby = (1); CreateUser (---) 1 Mysoldieg. 7 UI libraries. Cross Platform framemores CreateButton() => Button Android los Windows Button Button Button. Hutter

Plutter (SRP/OC8. X Createbutton () 4 94 (Platform = = "Android") L return Android Button () 94 (Platform = = "MacOs ") L return Macos Button () Create Menu () L = if-else Created rop Down 1)4



factory: Anything that allows us to create the Object of corresponding types. Hostoact factory: When me have lot of factory methods, me nove all the factory methods to a new interface. Practical factory Move the bogic of factory object creations to