Tech Pro 3d Printing Solutions , Pune

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1. Overview :

Techpro3d is 3d Prototype and printing solutions as emerging technology era.

2. Master Project :

This is central project repository/application which has centrally access for all sbprojects for techpro. E.g in goolgle – if wee search sbi .. then it shows main link and also separate links for different products are shown in below.
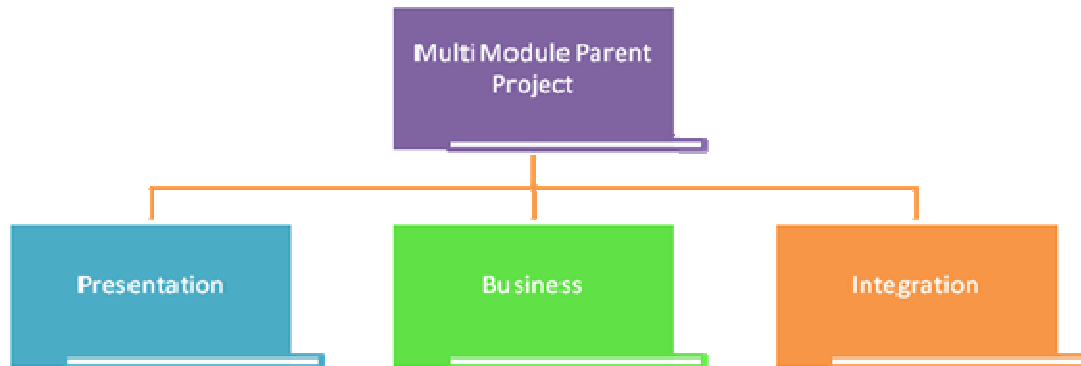
Same Way We will have ,

A. Techpro3d.com (Master)

1. Techpro3d-web (Website)
2. Techpro3d-prototype
3. Techpro3d-shop
4. Techpro3d-blog

3. Technologies Used :

Spring , JPA , Html5 , Angular JS, PstgresSQL , Maven, GIT

5. Architecture :

Ref : https://dzone.com/articles/how-do-you-organise-maven-sub

Spring Webflow Architecture :

A. Techpro3d-Shop :

a sample checkout flow

Reference Site : http://springinpractice.com/2008/05/05/build-a-shopping-cart-with-spring-web-flow-2-part-1

Sample Code at techpro3d : mycart3.zip

Path : https://github.com/techpro3d/techpro/blob/master/mycart3.zip

Other : http://www.studytrails.com/frameworks/spring/spring-web-flow-using-sub-flows.jsp

http://ashosborne.com/tutorials/spring-webflow-tutorial-part-one/

Spring webflow Guide:

http://docs.spring.io/autorepo/docs/webflow/2.3.x/reference/pdf/spring-webflow-reference.pdf1

Spring Webflow SMPLE :

Spring Core Architecture :

Spring Framework Runtime

Data Access/Integration

JDBC ORM OXM JMS Transactions

Web (MVC / Remoting)

Web Servlet Portlet

AOP Instrumentation

Core Container

Beans Core Context Expression Language

Test

DB

1. https://www.princeton.edu/~rcurtis/ultradev/ecommdatabase2.html

2nd :

2nd :

products
- ProductID INT(12)
- ProductSKU VARCHAR(50)
- ProductName VARCHAR(100)
- ProductPrice FLOAT
- ProductWeight FLOAT
- ProductCartDesc VARCHAR(250)
- ProductShortDesc VARCHAR(1000)
- ProductLongDesc TEXT
- ProductThumb VARCHAR(100)
- ProductImage VARCHAR(100)
- ProductCategoryID INT(11)
- ProductUpdateDate TIMESTAMP
- ProductStock FLOAT
- ProductLive TINYINT(1)
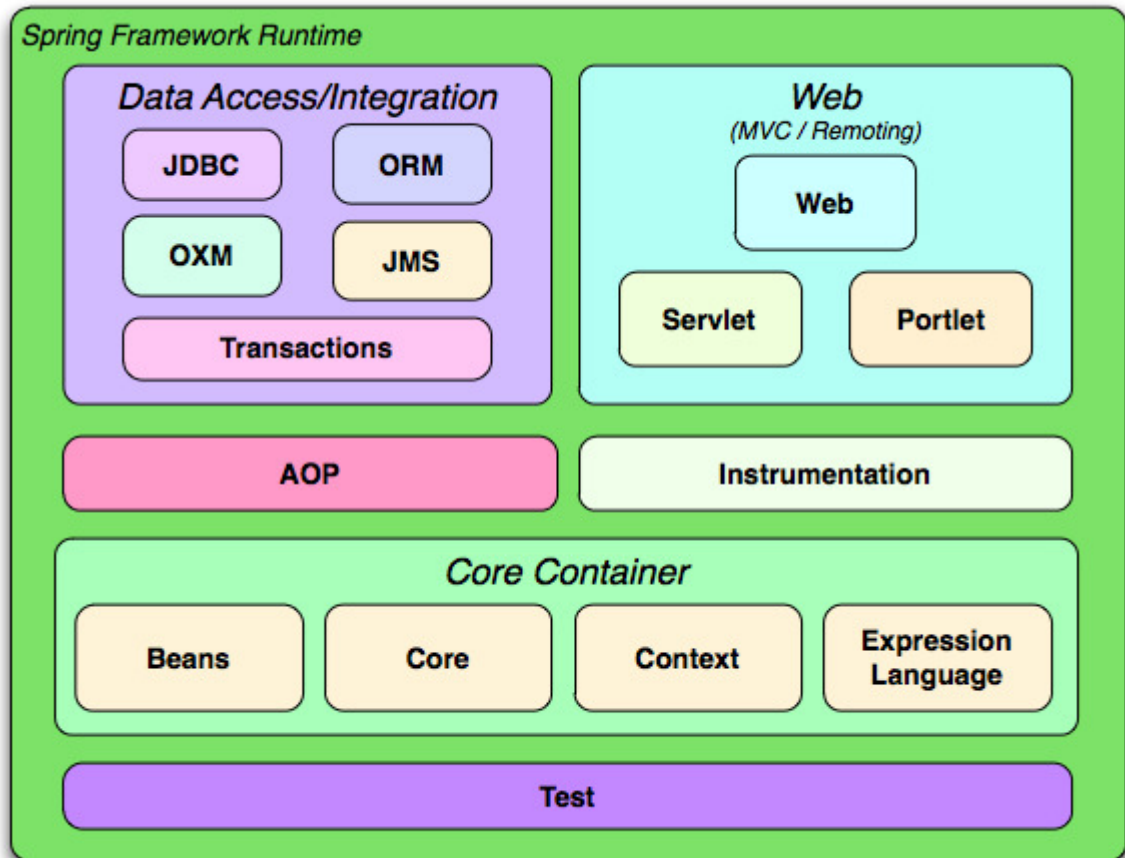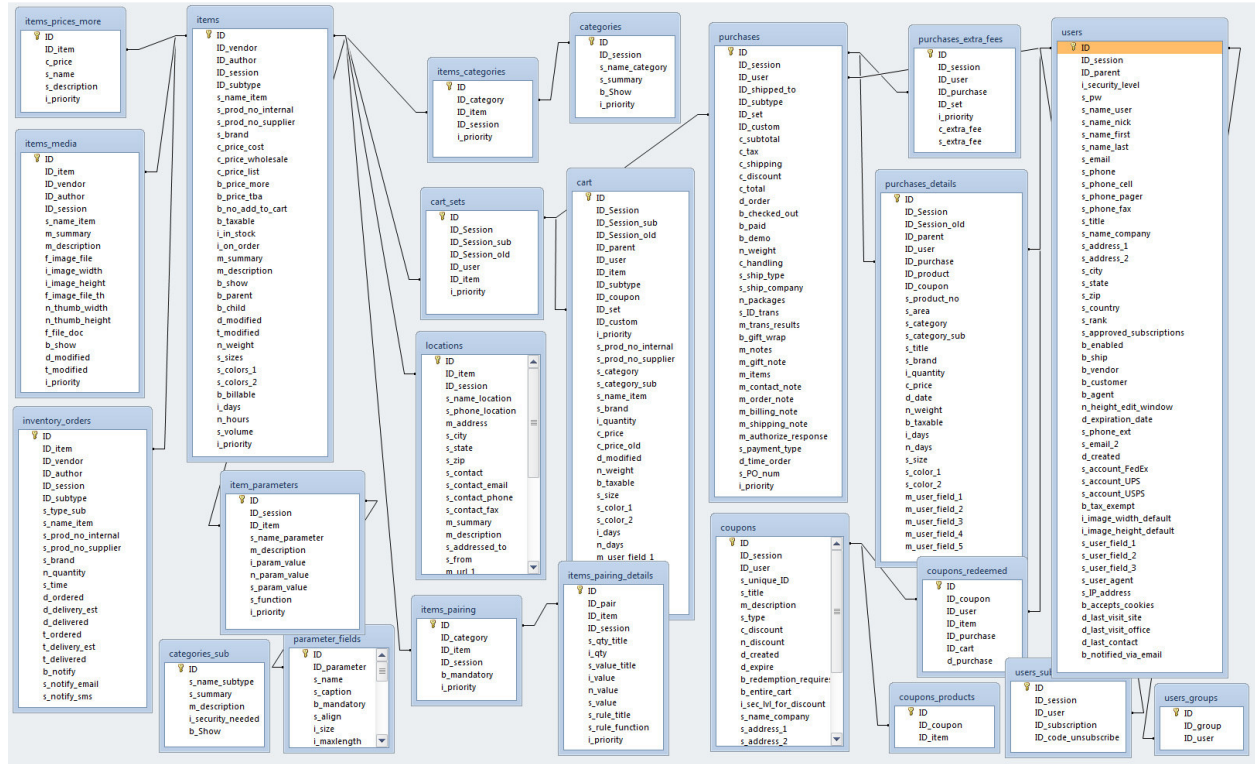- ProductUnlimited TINYINT(1)
- ProductLocation VARCHAR(250)

productoptions
- ProductOptionID INT(10)
- OptionID INT(11)
- ProductID INT(11)
- OptionGroupID INT(11)
- OptionPriceIncrement DOUBLE

options
- OptionID INT(11)
- OptionName VARCHAR(50)

optiongroups
- OptionGroupID INT(11)
- OptionGroupName VARCHAR(50)

productcategories
- CategoryID INT(11)
- CategoryName VARCHAR(50)

orderdetails
- DetailID INT(11)
- DetailOrderID INT(11)
- DetailProductID INT(11)
- DetailName VARCHAR(250)
- DetailPrice FLOAT
- DetailSKU VARCHAR(50)
- DetailQuantity INT(11)

orders
- OrderID INT(11)
- OrderUserID INT(11)
- OrderAmount FLOAT
- OrderShipName VARCHAR(100)
- OrderShipAddress VARCHAR(100)
- OrderShipAddress2 VARCHAR(100)
- OrderCity VARCHAR(50)
- OrderState VARCHAR(50)
- OrderZip VARCHAR(20)
- OrderCountry VARCHAR(50)
- OrderPhone VARCHAR(20)
- OrderFax VARCHAR(20)
- OrderShipping FLOAT
- OrderTax FLOAT
- OrderEmail VARCHAR(100)
- OrderDate TIMESTAMP
- OrderShipped TINYINT(1)
- OrderTrackingNumber VARCHAR(80)

users
- UserID INT(11)
- UserEmail VARCHAR(500)
- UserPassword VARCHAR(500)
- UserFirstName VARCHAR(50)
- UserLastName VARCHAR(50)
- UserCity VARCHAR(90)
- UserState VARCHAR(20)
- UserZip VARCHAR(12)
- UserEmailVerified TINYINT(1)
- UserRegistrationDate TIMESTAMP
- UserVerificationCode VARCHAR(20)
- UserIP VARCHAR(50)
- UserPhone VARCHAR(20)
- UserFax VARCHAR(20)
- UserCountry VARCHAR(20)
- UserAddress VARCHAR(100)
- UserAddress2 VARCHAR(50)