REPORT:

1.Please don't forget to make your code available on github or bit bucket or any other online source control and send me the link.
Ans: https://github.com/piyushest/InventoryBillingSystem/tree/master/InventoryBillingSystem

2.Please include the final report as a PDF in the source control and images of the user interface.
Ans: **There is a video demo of the source code. This link include the video of the demo**
https://github.com/piyushest/InventoryBillingSystem/tree/master/InventoryBillingSystem/Demo%20Video

3.Also include the following statistics.

A. Number of Tables: **12**

B. fields

Tables	Number Of fields
adminregistereddistributor	7
adminregistration	3
adminretailerregistration	7
areadistributor	3
billinformation	3
distributorlogin	3
inventory	8
inventoryrequest	4
orderdetails	3
orderpricedetails	5
orders	3
requestdetails	4

C. foreign keys 3: distributorId , resellerId , orderId

D. mapping tables AreaDistributor to adminregisteredDistributor and adminretailerregistration

E. enumerations None

F. classes Api Operations: 6 classes
DAO: 10

G. CRUD operations Create, Read, Update

H. interfaces None

I. pages 18

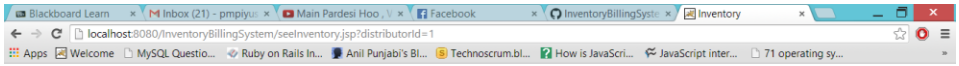
Also include a list of the webservices APIs you used, None

J. Briefly explain (a paragraph) the architecture, technology stack, ORM (if any), or data access layer technique.

ANS: I created the database in mysql workbench. Used eclipse to create the model for each of the table and Created Dao for all operations CRU for a table.
Created apis for different operation providing service layer.
Than called these service layer classes in jsp pages to get the desired result.
All the business logic is within the classes in api folder.

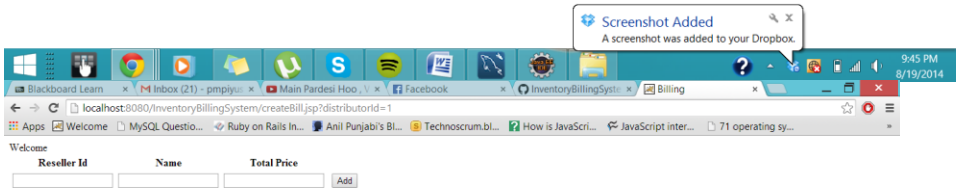
I used JPA,eclipse,Mysql workbench.

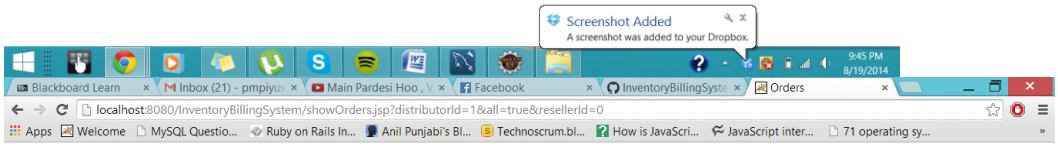
Screenshots:



Distributor Inventory

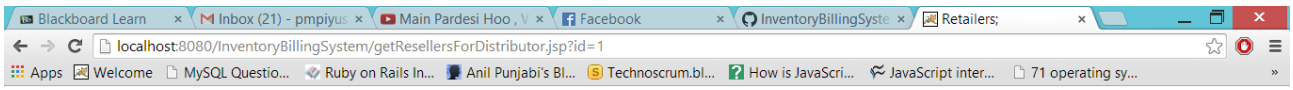
DistributorId	productId	category	description	inventorycol	name	quantityAvailable	rate
1	1	Food	Tomato Ketchup Veggie	Junk	Tomato Ketchup	113	11.0 Update
1	3	Green Tea	Tea Helps in Fitness	Fitness	Green Tea	100	2.99 Update
1	4	keyboard	Ergonomics Keyboard	electronics	Logitech	10	64.0 Update
1	8	Bath bed	Shampoo	bathing	Garnier	500	7.0 Update





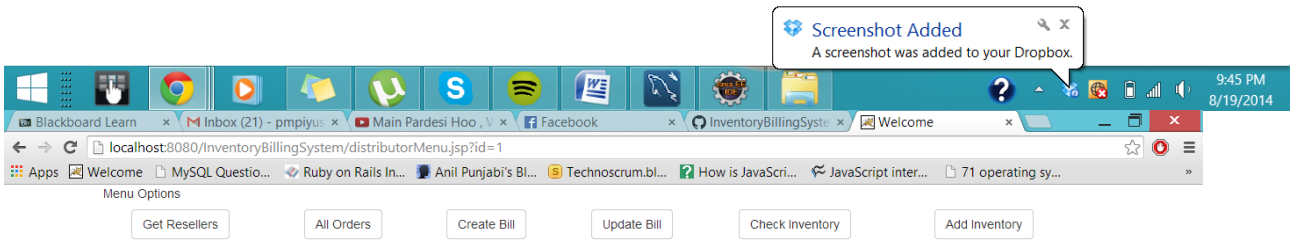
Orders:

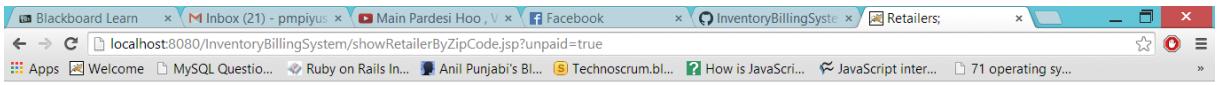
Order Id	Name	Total Price
1	August14	567
2	piyushTestBill	2444
3	BillFor4threseller	323
4	DBTestBill	333
5	TestBill	500



Retailers:

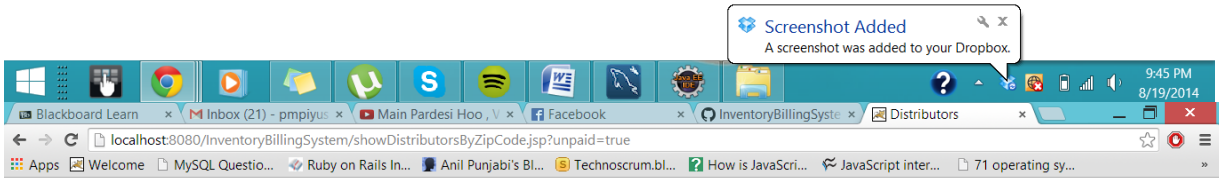
ResellerId	Name	Area	Fees Status	Fees	Zip Code	Joining Date	
1	Test1Retailer	Roslindale	Paid	2000.0	2131	Sat Jan 02 00:00:00 EST 2010	showOrders
4	Test Retailer 3	roslindale	paid	200.0	2131	Sun Jan 22 00:00:00 EST 2012	showOrders
6	North retailer	North Area	unpaid	31.0	2131	Sun Jan 02 00:00:00 EST 2011	showOrders





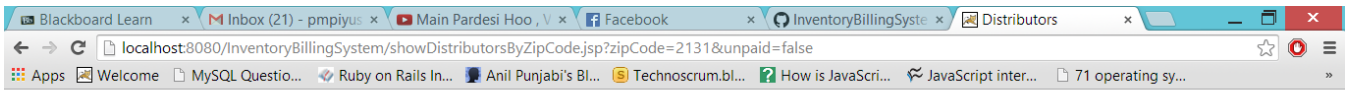
Retailers:

ResellerId	Name	Area	Fees Status	Fees	Zip Code	Joining Date
3	Test3 Retailer	Roslindale	unpaid	275.0	2120	Wed Jan 02 00:00:00 EST 2013 Update
5	DBTestRetailer	Northeastern University	Unpaid	230.0	2120	Mon Jan 02 00:00:00 EST 2012 Update
6	North retailer	North Area	unpaid	31.0	2131	Sun Jan 02 00:00:00 EST 2011 Update



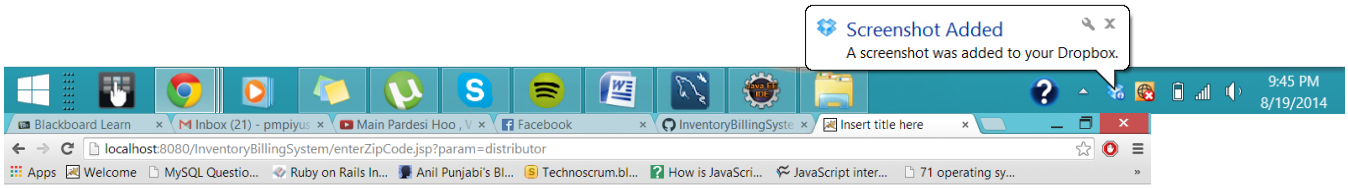
Distributors:

DistributorId	Name	Phone	Fees Status	Fees	Zip Code	Joining Date
2	Test2	857919087	Unpaid	260.0	2131	Sat Jan 02 00:00:00 EST 2010 Update
3	DBTestDistributor	85791900	Unpaid	33.0	2120	Mon Jan 02 00:00:00 EST 2012 Update
4	North Distributor	60728412	unpaid	22.0	2131	Sun Jan 02 00:00:00 EST 2011 Update



Distributors:

DistributorId	Name	Phone	Fees Status	Fees	Zip Code	Joining Date
1	Test1	857919087	paid	200.0	2131	Sat Jan 02 00:00:00 EST 2010 Update
2	Test2	857919087	Unpaid	260.0	2131	Sat Jan 02 00:00:00 EST 2010 Update
4	North Distributor	60728412	unpaid	22.0	2131	Sun Jan 02 00:00:00 EST 2011 Update



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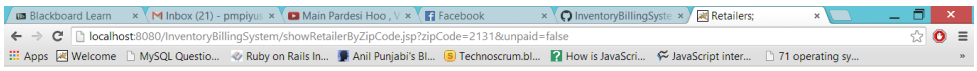
Welcome

Zip Code

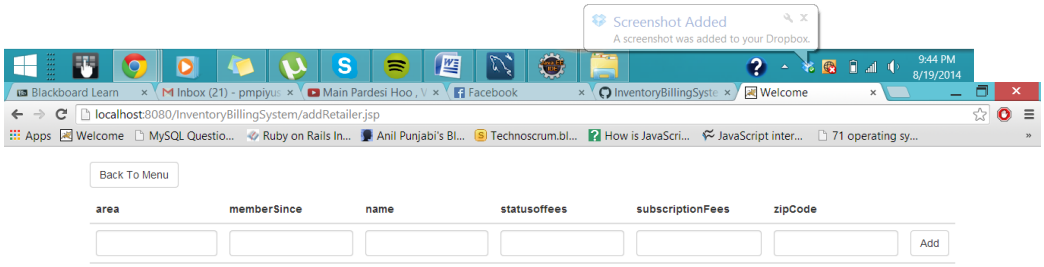
2131 Submit

2131



Retailers:

ResellerId	Name	Area	Fees Status	Fees	Zip Code	Joining Date
1	Test1Retailer	Roslindale	Paid	2000.0	2131	Sat Jan 02 00:00:00 EST 2010 Update
4	Test Retailer 3	roslindale	paid	200.0	2131	Sun Jan 22 00:00:00 EST 2012 Update
6	North retailer	North Area	unpaid	31.0	2131	Sun Jan 02 00:00:00 EST 2011 Update



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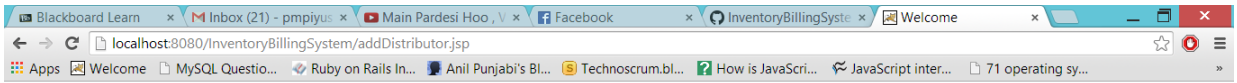
area	memberSince	name	statusoffees	subscriptionFees	zipCode	
						Add



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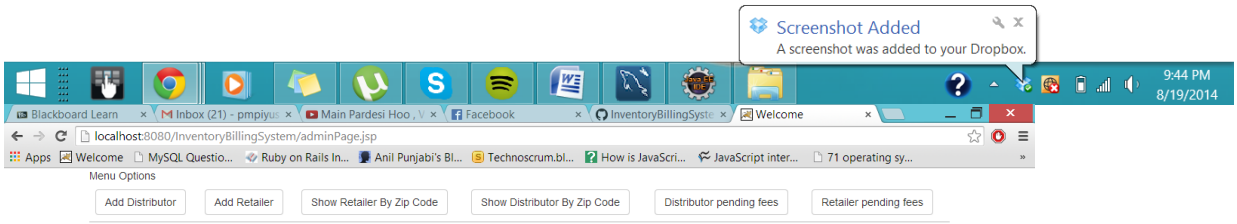
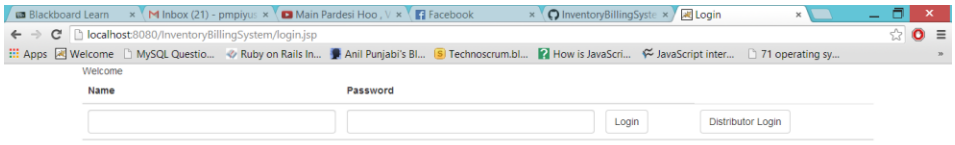
Welcome

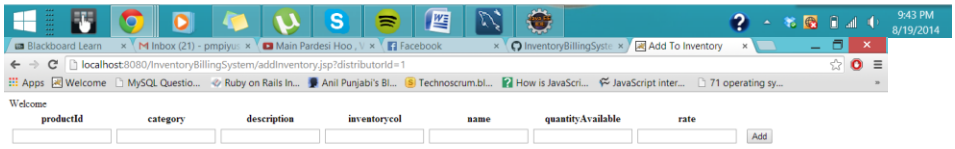
Name	Phone	ZipCode	MemberSince	SubscriptionFees	StatusOfFees	
						Add



Menu Options

Add Distributor | Add Retailer | Show Retailer By Zip Code | Show Distributor By Zip Code | Distributor pending fees | Retailer pending fees


Blackboard Learn
Inbox (21) - pmpiyu
Main Pardesi Hoo
Facebook
InventoryBillingSyste
Login
localhost:8080/InventoryBillingSystem/login.jsp
Apps
Welcome
MySQL Questio...
Ruby on Rails In...
Anil Punjabi's Bl...
Technoscrum.bl...
How is JavaScri...
JavaScript inter...
71 operating sy...
Welcome
Name
Password
Login
Distributor Login


9:43 PM
8/19/2014
Blackboard Learn
Inbox (21) - pmpiyu
Main Pardesi Hoo
Facebook
InventoryBillingSyste
Add To Inventory
localhost:8080/InventoryBillingSystem/addInventory.jsp?distributorId=1
Apps
Welcome
MySQL Questio...
Ruby on Rails In...
Anil Punjabi's Bl...
Technoscrum.bl...
How is JavaScri...
JavaScript inter...
71 operating sy...
Welcome
productId
category
description
inventorycol
name
quantityAvailable
rate
Add

Screenshot Added
A screenshot was added to your Dropbox.
9:45 PM
8/19/2014