

ZHAOAN GUAN A20307995

Yi Wang A20313721

Xiaocheng Hou A20309864

Test document:

Login test:

Expectancy: The registered user should log in successfully.

Test data: username: hougesb password: hougesb

Actual outcome:

Before operation:

The screenshot shows a web browser window with the title "JDBC+JSP discussion forum". Below the title is a form titled "user login". It contains two input fields: "username" with the value "hougesb" and "password" with the value "hougesb". Below the fields are two buttons: "sign in" and "reset". Underneath the form is a blue link labeled "sign up".

Click "sign in" to log in:

JDBC+JSP discussion forum

welcome **hougesb** log in system

[personal information](#)
[Interest group](#)
[leader control panel](#)

Since hougesb is a leader of some group, so he can access the leader control panel.

So application passes the login test.

Sign up test:

Expectancy: The unregistered user can sign up successfully.

Test data: username: snk password: snk email: snk@gmail.com date automatically got

Actual outcome:

JDBC+JSP discussion forum

welcome **snk** log in system

[personal information](#)
[Interest group](#)

Since snk is neither leader nor administrator, he cannot access to leader control panel or authorize panel.

Display personal information:

Expectancy: The application can display personal information successfully.

Actual outcome:

Personal Information

username: hougesb
email: houge@sb.com
date: 2015-05-05
web
account 820
balance:

laptop group :
contribution:0
points:0
level:leader

The basic information and group information displayed. And the financial information also displayed:

Credit card information:

Card number:2423414
Process company:boa
Bill address:hwoeufho
Expire Date:2015-05-04
[Transfer money to web account](#)

Bank account information:

routing number:12345
account number:54321
bank:boa
balance:790
[Transfer money to web account](#)

Add credit card test:

Expectancy: The unregistered user can sign up successfully.

Actual outcome:

Add card:

Add a credit card

fill in credit card information

Card Number:

Process Company:

Bill Address:

Expire Date:

Date:

After added a card, the personal information will update:

Credit card information:

Card number:2423414
Process company:boa
Bill address:hwoeufho
Expire Date:2015-05-04
[Transfer money to web account](#)

Card number:2837492
Process company:boc
Bill address:sldj
Expire Date:2015-04-22
[Transfer money to web account](#)

Transfer money

Expectancy: The money should be transferred to web account from credit card or bank account successfully.

Data: 20 (transfer 20 to web account from bank account.)

Actual outcome:

Before transfer, web account balance is 820, balance of bank account is 790.

Execute the transfer operation, the result is like the following picture:

username: hougesb
email: houge@sb.com
date: 2015-05-05
web
account 840
balance:

Bank account information:

routing number:12345
account number:54321
bank:boa
balance:770

Leader modifies parameter test

Expectancy: The leader can modify the point that users can get when they did contribution, and modify the threshold that user may lose point .

Actual outcome:

laptop group:

Set the value of numPoint:
value:

Set the value of rating threshold:
value:

Eliminate member:(click to eliminate)
[terry](#)
[back to main page](#)

In the leader control panel, application will automatically list the member whose comments are malicious (too many comments have a low rate). Leader can eliminate the member from group.

Through test, this function works, when leader eliminates a member, the member's comments will also be deleted.

Authorization test

Expectancy: If the user is administrator, he can access the authorization page and grant leader

Actual outcome:

On the main page, if you are an administrator,

[Restaurant](#)
[Laptop](#)

[back to main page](#)

Click one group to see the member level information.

hougesb 0 0
terry 17 0
test 1 0
Arsenal 29 1
Chrome 20 0
Deal 40 0
Yiwang 0 0
Authorize leader
username:

The last digit denotes the member's level, 1 denotes leader, 0 denotes normal member.

Input the username, for example, "test", click "upgrade", then the level changes:

```
hougesb 0 0
terry 17 0
test 1 1
Arsenal 29 1
Chrome 20 0
Deal 40 0
Yiwang 0 0
Authorize leader
username: 
 
```

So the application can fulfill this function.

Display the names of the users in each interest group who do not have their financial information set up:

Expectancy: display all the data that satisfies the requirement.

Output:

```
Laptop Group
Arsenal
Chelsea
Chrome
Isotope
aaa
yw
-----
Restaurant Group
Arsenal
Chrome
Deal
Yiwang
```

So the data can be displayed successfully!

Display the names of the group leaders, the group(s) that they are leading and the group(s) they belong to:

Expectancy: display all the data that satisfies the requirement.

Output:

```
Leader name:hougesb
The group he is leading: Laptop
The group he belongs to: Laptop Restaurant
-----
Leader name:Arsenal
The group he is leading: Laptop
The group he belongs to: Laptop Restaurant
-----
Leader name:test
The group he is leading: Restaurant
The group he belongs to: Restaurant Laptop
```

So the application can display the data successfully!

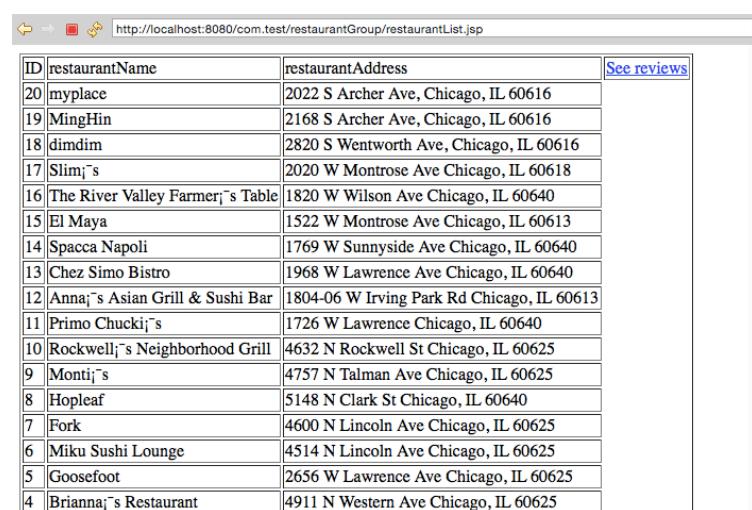
Test for the restaurant group

(1)Requirement: Once logged into the first interest group, a user will see a list of restaurants

Tests necessary: user need to login and the table restaurant should exist in the database

Expected outcome: see list of restaurants

Actual outcome: see list of restaurants as following:



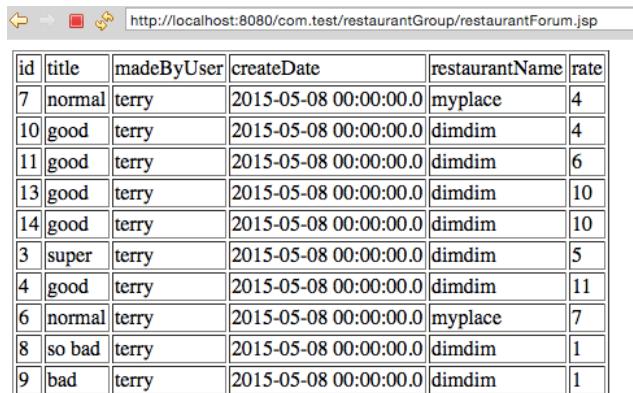
ID	restaurantName	restaurantAddress	See reviews
20	myplace	2022 S Archer Ave, Chicago, IL 60616	
19	MingHin	2168 S Archer Ave, Chicago, IL 60616	
18	dimdim	2820 S Wentworth Ave, Chicago, IL 60616	
17	Slim's	2020 W Montrose Ave Chicago, IL 60618	
16	The River Valley Farmer's Table	1820 W Wilson Ave Chicago, IL 60640	
15	El Maya	1522 W Montrose Ave Chicago, IL 60613	
14	Spacca Napoli	1769 W Sunnyside Ave Chicago, IL 60640	
13	Chez Simo Bistro	1968 W Lawrence Ave Chicago, IL 60640	
12	Anna's Asian Grill & Sushi Bar	1804-06 W Irving Park Rd Chicago, IL 60613	
11	Primo Chucki's	1726 W Lawrence Chicago, IL 60640	
10	Rockwell's Neighborhood Grill	4632 N Rockwell St Chicago, IL 60625	
9	Monti's	4757 N Talman Ave Chicago, IL 60625	
8	Hopleaf	5148 N Clark St Chicago, IL 60640	
7	Fork	4600 N Lincoln Ave Chicago, IL 60625	
6	Miku Sushi Lounge	4514 N Lincoln Ave Chicago, IL 60625	
5	Goosefoot	2656 W Lawrence Ave Chicago, IL 60625	
4	Brianna's Restaurant	4911 N Western Ave Chicago, IL 60625	

Status: Pass

(2)Requirement: ask to see the reviews on any of these restaurants

Tests necessary: user need to login and the table review should exist in the database

Expected outcome: see list of restaurant reviews



id	title	madeByUser	createDate	restaurantName	rate
7	normal	terry	2015-05-08 00:00:00.0	myplace	4
10	good	terry	2015-05-08 00:00:00.0	dimdim	4
11	good	terry	2015-05-08 00:00:00.0	dimdim	6
13	good	terry	2015-05-08 00:00:00.0	dimdim	10
14	good	terry	2015-05-08 00:00:00.0	dimdim	10
3	super	terry	2015-05-08 00:00:00.0	dimdim	5
4	good	terry	2015-05-08 00:00:00.0	dimdim	11
6	normal	terry	2015-05-08 00:00:00.0	myplace	7
8	so bad	terry	2015-05-08 00:00:00.0	dimdim	1
9	bad	terry	2015-05-08 00:00:00.0	dimdim	1

Actual outcome: see list of restaurant reviews as following:

Status: Pass

(3)Requirement: post review

Tests necessary: user need to login and the table review should exist in the database

Expected outcome: post review success

Actual outcome: post review success

16	for test	terry	2015-05-08 00:00:00.0	dimdim	10
----	----------	-------	-----------------------	--------	----

Status: Pass

(4)Requirement: rate review

Tests necessary: user need to login and the table review should exist in the database

Expected outcome: rate review success

Actual outcome: rate review success

id	title	madeByUser	createDate	restaurantName	rate
12	good	terry	2015-05-08 00:00:00.0	dimdim	6

Status: Pass

(5)Requirement: post restaurant

Tests necessary: user need to login and the table restaurant should exist in the database

Expected outcome: post restaurant success

Actual outcome: post restaurant success

ID	restaurantName	restaurantAddress	See reviews
21	testRestaurant	rooser	

Status: Pass

(5)Requirement: see specific restaurant review

Tests necessary: user need to login and the table restaurant should exist in the database

Expected outcome: see specific restaurant review success

Actual outcome: see specific restaurant review success



title	madeByUser	createDate	restaurantName
normal	terry	2015-05-08 00:00:00.0	myplace
normal	terry	2015-05-08 00:00:00.0	myplace
very good	terry	2015-05-08 00:00:00.0	myplace

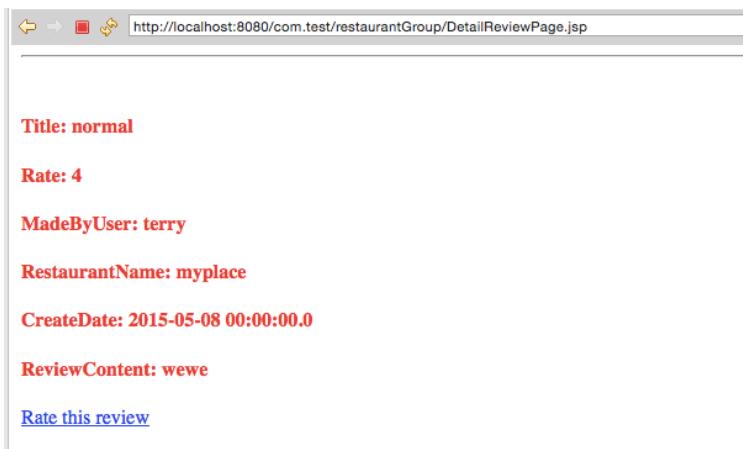
Status: Pass

(6)Requirement: see detail restaurant review

Tests necessary: user need to login and the table review exist in the database

Expected outcome: see detail restaurant review success

Actual outcome: see detail restaurant review success



Status: Pass

(7)Requirement: when post review, the points will add

Tests necessary: user login and table restaurantgroup exist

Expected outcome: points will increase when user post review

Actual outcome: points will increase when user post comment

laptop group :

points:4
level:member

restaurant group :

points:16
level:member

After post review :

laptop group :

points:4
level:member

restaurant group :

points:17
level:member

Status: Pass

Test for the laptop group

(1)Requirement: a user will see a list of most recent comments on lap tops

Tests necessary: user need to login and the table comment exist in the database

Expected outcome: see a list of most recent comments on lap tops success

Actual outcome: see a list of most recent comments on lap tops success



http://localhost:8080/com.test/lapTopGroup/lapTopCommnet.jsp										
id	title	rate	madeByUser	brand	category	laptopName	createDate	reviewContent	price	
3	any one can help me to fix my pc	4	terry	apple	requesting for help	null	2015-05-08 00:00:00.0	wdwd	0	
2	want to sell this pc	7	terry	acer	sell	null	2015-05-08 00:00:00.0	sdasda	300	
1	sell this macbook pro	7	terry	apple	sell	null	2015-05-08 00:00:00.0	sellsell	300	

Status: Pass

(2)Requirement: a user can narrow down the list of comments on specific brands.

Test necessary: user need to login and the table comment exist in the database

Expected outcome: narrow down the list of comments on specific brands

Actual outcome: narrow down the list of comments on specific brands

ID	Title	Rate	Made By User	Brand	Category	Laptop Name	Create Date	Review Content	Price
4	how to login this pc	5	terry	microsoft	requesting for help	null	2015-05-08 00:00:00.0	ffweewd	12
3	any one can help me to fix my pc	4	terry	apple	requesting for help	null	2015-05-08 00:00:00.0	wdwd	0
2	want to sell this pc	7	terry	acer	sell	null	2015-05-08 00:00:00.0	sadasda	300
1	sell this macbook pro	7	terry	apple	sell	null	2015-05-08 00:00:00.0	sellsellsell	300

and then

ID	Title	Rate	Made By User	Brand	Category	Laptop Name	Create Date	Review Content	Price
4	how to login this pc	5	terry	microsoft	requesting for help	null	2015-05-08 00:00:00.0	ffweewd	12

Status: Pass

(3)Requirement: rate and post comments

Tests necessary: user need to login and the table comment exist in the database

Expected outcome: user can rate and post success

Actual outcome: user can rate and post success

Rate comment:

http://localhost:8080/com.test/lapTopGroup/DetailCommentPage.jsp

Id: 4

Title: how to login this pc

Rate: 5

MadeByUser: terry

Brand: microsoft

Category: requesting for help

Laptopname: null

createDate: 2015-05-08 00:00:00.0

ReviewContent: ffweewd

price: 12

[Rate this comment](#)

Rate the Review

Rate: 6

Post comment:

http://localhost:8080/com.test/lapTopGroup/insertLaptopComment.jsp

Insert LapTop comment information

title:

rate:

brand:

category:

laptopname:

reviewContent:

price:

http://localhost:8080/com.test/lapTopGroup/insertLaptopCommentConf.jsp

Success to insert lapTop comment : sell my new pc

[go back to Laptop comment](#)

id	title	rate	madeByUser	brand	category	laptopName	createDate	reviewContent	price
5	sell my new pc	3	terry	microsoft	sell	null	2015-05-08 00:00:00.0	sdsds	100

Status: Pass

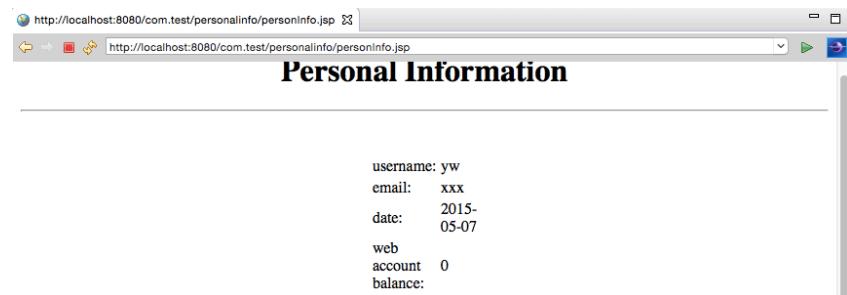
(4)Requirement: User terry buy item from user yw, then money reduce from user terry's account, then money add into yw's account

Test necessary: user need to login

Expected outcome: money transaction success

Actual outcome: money transaction success

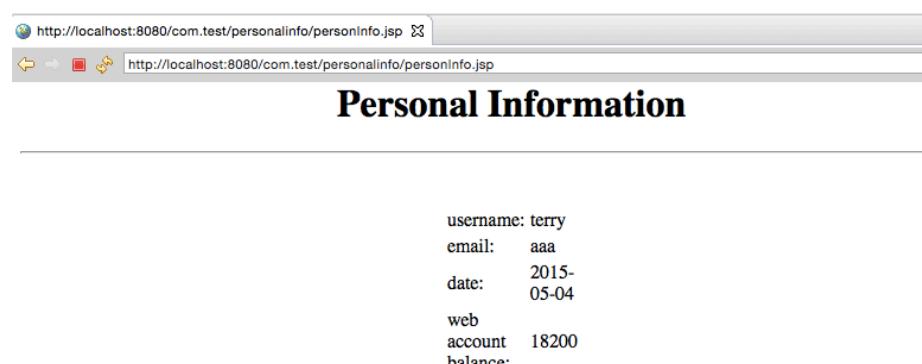
Personal information of user yw :



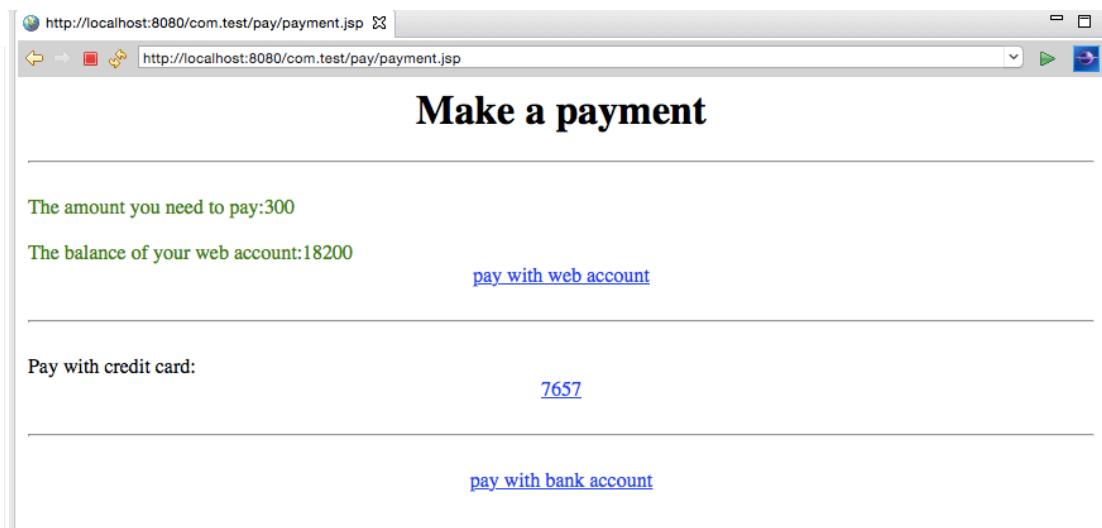
Then user yw post a comment to sell pc:

id	title	rate	madeByUser	brand	category	laptopName	createDate	reviewContent	price
6	sell surface	9	yw	microsoft	sell	null	2015-05-08 00:00:00.0	wdwdwdwd	300

then user terry personal information:



then terry buy this item and pay 300

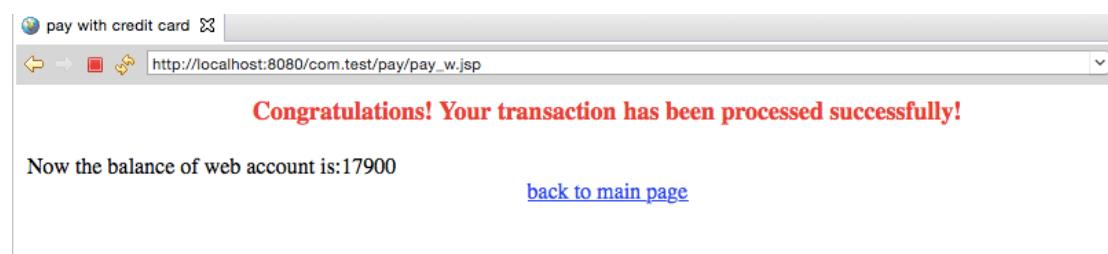
A screenshot of a web browser window titled "Make a payment". The URL in the address bar is "http://localhost:8080/com.test/pay/payment.jsp".

The amount you need to pay:300
The balance of your web account:18200
[pay with web account](#)

Pay with credit card:

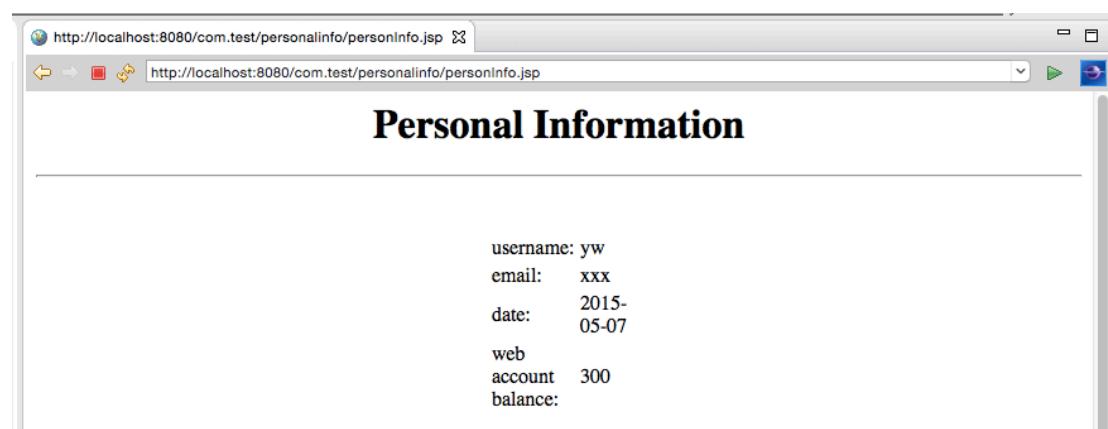
[pay with bank account](#)

then we can see 300 was reduce from user terry's account:

A screenshot of a web browser window titled "pay with credit card". The URL in the address bar is "http://localhost:8080/com.test/pay/pay_w.jsp".

Congratulations! Your transaction has been processed successfully!
Now the balance of web account is:17900
[back to main page](#)

then we see user yw's account, 300 was added into this account:

A screenshot of a web browser window titled "Personal Information". The URL in the address bar is "http://localhost:8080/com.test/personalinfo/personinfo.jsp".

username: yw
email: xxx
date: 2015-05-07
web account: 300
balance:

Status: Pass

(5)Requirement: see the detail comment on laptop

Tests necessary: user need to login and the table comment exist in the database

Expected outcome: see the detail comment on laptop success

Actual outcome: see the detail comment on laptop success



The screenshot shows a web browser window with the title "<h1>Detail Laptop Comment </h1>". The address bar displays the URL "http://localhost:8080/com.test/lapTopGroup/DetailCommentPag". The main content area of the browser shows a comment with the following details:

Id: 6

Title: sell surface

Rate: 9

MadeByUser: yw

Brand: microsoft

Category: sell

Laptopname: null

createDate: 2015-05-08 00:00:00.0

ReviewContent: wdwdwdwd

price: 300

[Buy This Item](#)

[Rate this comment](#)

Status: Pass

(6)Requirement: when post comment, the points will add

Tests necessary: user login and table laptopgroup exist

Expected outcome: points will increase when user post comment

Actual outcome: points will increase when user post comment

laptop group :

points:4
level:member

restaurant group :

points:16
level:member

After post review :

laptop group :

points:6
level:member

restaurant group :

points:17
level:member

Status: Pass

(7)Requirement: when buy laptop, the points will add

Tests necessary: user login and table laptopgroup exist

Expected outcome: points will increase when user buy item

Actual outcome: points will increase when user buy item

Before buy:

laptop group :

points:6
level:member

restaurant group :

points:17
level:member

After buy:

laptop group :

points:8
level:member

restaurant group :

points:17
level:member

Status: Pass

Test Ranking:

Requirements: User can see the total ranking of each interest group. At the same time, the query requires that the system can show the top 5 ranking users in ascending order.

Furthermore, based on the credit points the user achieved from each group, the leader can edit the title for the users.

JDBC+JSP discussion forum Laptop Group Ranking

The ranking of the laptop group

Chelsea 40 La

terry 40 La

Arsenal 29 Sol

Chrome 20 Fa

yw 4 Do

aaa 2 Do

test 2 Do

hougesb 0 Do

Isotope 0 Do

The Top 5 members in laptop Group!!

yw 4

Chrome 20

Arsenal 29

terrv 40

JDBC+JSP discussion forum Restaurant Group Ranking

The ranking of the restaurant group

Deal 40 La

Arsenal 29 Sol

Chrome 20 Fa

terry 17 Fa

test 1 Do

Yiwang 0 Do

hougesb 0 Do

The Top 5 members in restaurant Group!!

test 1

terry 17

Chrome 20

Arsenal 29

Deal 40

The screenshot shows a web page titled "JDBC+JSP discussion forum achievement settings". The page displays a list of achievement titles with their corresponding point values. At the bottom, there is a section for setting titles with input fields for minimum points and title, and buttons for adding, deleting, modifying, and resetting.

points	title
40	Si
30	La
20	Sol
15	Fa
10	Mi
5	Re
0	Do

setting titles

minimum:

points:

title:

The three figures above is the screen shot for the three requirements. They are what we expected.