

## Test Data and Test Document

In our project, we start to run the web application by the “index.jsp”.

# Welcome come to the App

Username

Password

User type

New member?please register

Figure 1. Index page.

### Functions of our projects:

General Processes:

#### Function 1:

1. **Requirement:** Demonstrate the process of a guest registers for the first time and purchasing a ticket.
2. **Test Case:**  
Click on please register the guest will enter the register page, and you are asked to provide information.

# Welcome register

Name: helloworld  
Password: ...  
email: hello@iit.edu  
phone: 31200000  
address: 219 S State  
credit card number: 44309999  
credit card type: Card type:  MasterCard  VISA  DISCOVER  
expiration Date: Jan  2017   
Balance: 100

Figure 2. register page.

welcome

helloworld

ID	Name	Phone	Address	Email	CreditPoint	Status	Balance	Action
59	helloworld	31200000	219 S State	hello@iit.edu	1	SILVER	100.0	<a href="#">Modify</a>

buy

[Post New Thread](#)

Figure 3. User account page.

## Movie Select

id:	title:	director:	description:
4	888	888	888
5	onion movie	zhayiwei	laoliangshishaobi
1	yyyyyy	yyyyy	yyyyyy
2	The Hunger Games: Mockingjay	Francis Lawrence	a movie about killing each other for surviving
3	Ant-Man	Peyton Reed	a superhero movie

## Theatre Select

id:	address:	ticketSold:
1	1751 S State St	21
2	2701 S King Road	4
3	Chinatown	7

Movie:  Theater:

Figure 3. Buy ticket page.

# Buy ticket success!credit +1

[go back](#)

Figure 4. Buy ticket success page.

3. Expected outcome:

User information will be insert into database. When he click on “buy” button, he will enter the buy ticket page where all the movies and theatres information is listed. He should put the id of both movie and theatre in the text box and click buy, then he will see the buy ticket successful page

4. Actual outcome:

There is a record called “helloworld” in the database

USERID	EMAIL	CREDITCARDNUM	CREDITPOINT	ID	NAME	PHONE	ADDRESS	PASSWORD
1	58 yy <i>y</i> iit.edu	188888		5	58 sye	19999	1999	123
2	59 hello@iit.edu	44309999		1	59 helloworld	31200000	219 S State	123
3	57 y <i>y</i> iit.edu	12333333		1	57 shengyuan	123321	1232123	123
4	1 syuan7@hawk.iit.edu	12341		8	1 Shengyuan	708-555-9384	PS2901	12341
5	2 kuanyu <i>o</i> @hawk.iit.edu	12342		10	2 Kuanyu	216-917-0852	PS2901	12342

buy ticket outcome is shown above.

Figure 5 Database.

## Function 2

1. Requirement: Show the change in reward points of the above registered guest.
2. Test Case: A member can earn credit points/reward points by buying ticket (1 point/each), post threads (1 points/each) and post comments (1point/each)

# welcome

sye

ID:	Name:	Phone:	Address	Email	CreditPoint	Status	Balance	Action
58	sye	19999	1999	yyy@iit.edu	9	SILVER	88.0	<a href="#">Modify</a>

[buy](#)

[Post New Thread](#)

Figure 6 Account Info.

# buy ticket success

[go back](#)

# welcome

sye

ID:	Name:	Phone:	Address	Email	CreditPoint	Status	Balance	Action
58	sye	19999	1999	yyy@iit.edu	10	SILVER	86.0	<a href="#">Modify</a>

[buy](#)

[Post New Thread](#)

# Post thread success,+1 credit point

[Go back](#)

welcome

helloworld

ID:	Name:	Phone:	Address	Email	CreditPoint	Status	Balance	Action
59	helloworld	31200000	219 S State	hello@iit.edu	11	GOLD	94.0	<a href="#">Modify</a>

[buy](#)

[Post New Thread](#)

# Reply success,+1 credit point

[go back](#)

welcome

helloworld

ID:	Name:	Phone:	Address	Email	CreditPoint	Status	Balance	Action
59	helloworld	31200000	219 S State	hello@iit.edu	12	GOLD	94.0	<a href="#">Modify</a>

[buy](#)

[Post New Thread](#)

3. Expected outcome: The start creditpoint is 9, once he buys a ticket, he will earn 1 point, if he posts a thread, he will earn 1 point, when he posts a reply, he will earn 1 point.
4. Actual outcome: Same as expect, see pictures above

### **Function 3:**

1. Requirement: Demonstrate the process of a registered guest logs into his account, adds a comment on an existing thread and starts a new thread.
2. Test Case: once login to his account, the member will show his account information and there is a button call “Post New Thread”, he can click the button and enter the post thread page, then his will be asked to provide the movie id, his rating of the movie and the comment about the movie, then click submit button, he can also click show message button, and see all the threads, then he can reply to a comment, or see all the replies about that comment.

## **welcome**

### **helloworld**

ID:	Name:	Phone:	Address	Email	CreditPoint	Status	Balance	Action
59	helloworld	31200000	219 S State	hello@iit.edu	12	GOLD	94.0	<a href="#">Modify</a>

[buy](#)

[Post New Thread](#)

# Post Thread

Please input Movie ID

Input your rating

My id is 59, I love the movie 1

Input content

**Post thread success,+1 credit point**

[Go back](#)

- 1
- 1
- 1970-01-01 05:11:59
- My id is 59, I love the movie 1
- 59
- 
-

# reply thread

- ThreadID
- UserID
- MovieID
- Time
- Rate
- Content
  - 55
  - 59
  - null
  - 1970-01-01 05:11:59
  - 1
  - My id is 59, I love the movie 1

I love it too

Put your reply

**Reply success,+1 credit point**

[go back](#)

# See reply

- People who reply
  - Reply time
  - Reply content
- 59
  - 2015-11-27 17:17:05.0
  - I love it too
3. Expect outcome:  
There will be both the thread that the user post and the reply he post stored in the database.
4. Actual outcome: screen shots are as above  
In database:  
The thread

22	48	2	2 I love this movie	2015-11-27 16:15:34	58
----	----	---	---------------------	---------------------	----

the comment

17	20	44	58 i dont	2015-11-27 14:45:36	
18	33	55	59 I love it too	2015-11-27 17:17:05	
19	10	42	55 ok ok	2015-11-26 20:26:24	

## Function 4:

1. Requirement: Demonstrate the process of the general public buys a ticket without registering.
2. Test Case: At the index page, the guest can click “Guest visit” button, then he is asked to provide his information, (if he doesn’t input bank info, he will receive a page that ask him to put card information; if the money is not enough to buy a ticket, he will also be asked to input money again.) and then select the movie and the theater.

# Welcome come to the App

Username

Password

User type

New member? [please register](#)

## buy ticket function

userid: 123	name: yiwei
phone: 31222133	address: 2851 S King Drive
credit Card Num: 1892222	
Card type: <input type="radio"/> MasterCard <input type="radio"/> VISA <input checked="" type="radio"/> DISCOVER	expiration Date: <input type="button" value="Jan"/> <input type="button" value="2017"/> <input type="button" value=""/>
funds: 10	

## Theatre Select

id:	address:	ticketSold:
1	1751 S State St	26
2	2701 S King Road	4
3	Chinatown	7

## Movie Select

id:	title:	director:	description:
4	888	888	888
5	onion movie	zhayiwei	laoliangshishaobi
1	yyyyyy	yyyyy	yyyyyy
2	The Hunger Games: Mockingjay	Francis Lawrence	a movie about killing each other for surviving
3	Ant-Man	Peyton Reed	a superhero movie

Movie:  Theater:

# **buy ticket success**

[go back](#)

if he doesn't input the credit card information,

## **buy ticket function**

userid:	123
name:	yawei
phone:	312131
address:	1231
credit Card Num:	
Card type:	<input type="radio"/> MasterCard <input type="radio"/> VISA <input type="radio"/> DISCOVER
expiration Date:	Jan 2017
funds:	1

he will be asked to input the card information

## **Please input card information**

[click here](#)

if the money is not enough to buy a ticket

## **buy ticket function**

userid:	123
name:	yawei zhao
phone:	3124780656
address:	2851 S King Drive
credit Card Num:	14141
Card type:	<input type="radio"/> MasterCard <input type="radio"/> VISA <input checked="" type="radio"/> DISCOVER
expiration Date:	Jan 2017
funds:	1

# Not enough balance

[click here to reinput your card information](#)

Your balance is :1

The ticket price is :2.0;

3. Expect outcome:

if he doesn't input bank info, he will receive a page that ask him to put card information; if the money is not enough to buy a ticket, he will also be asked to input money again

4. Actual outcome:

Same as Expect.

## Function 5:

1. Requirement: Demonstrate the process of the general public visiting the web site and reads a comment on the thread just created, but he cannot enter a comment.
2. Test Case:  
**buy ticket function**

userid: 123
name: yiwei
phone: 31222133
address: 2851 S King Drive
credit Card Num: 1892222
Card type: <input type="radio"/> MasterCard <input type="radio"/> VISA <input checked="" type="radio"/> DISCOVER
expiration Date: Jan <input type="button" value="2017"/>
funds: 10

## Theatre Select

id: address:	ticketSold:
1 1751 S State St	26
2 2701 S King Road	4
3 Chinatown	7

## Movie Select

id: title:	director:	description:
4 888	888	888
5 onion movie	zhayiwei	laoliangshishaobi
1 yyyyyy	yyyyy	yyyyyy
2 The Hunger Games: Mockingjay	Francis Lawrence	a movie about killing each other for surviving
3 Ant-Man	Peyton Reed	a superhero movie

Movie: 2      Theater: 3      submit

[See Thread](#)

- At the bottom of the guest visit page, there is a “see thread” function, the guest can click it to see all the threads and replies.
3. Expect outcome: the guest will only see those threads and replies, but not reply on any of them.
  4. Actual outcomes:

- 1
- 1
- 2015-11-331 05:11:59
- My id is 59, I love the movie 1
- 59
- **See reply**

## See reply

- People who reply
- Reply time
- Reply content
- 59
- 2015-11-331 05:17:05
- I love it too

### Function 6:

1. Requirement: Demonstrate the process of the manager making the schedule of an employee on a particular day. Your program will not allow the manager to assign the employee to two different theatres, nor assign the employee the same job at the same time, nor assign the employee a job that he/she cannot do.
2. Test Case: the user should login with username: Francis who is the manager, and enters the password, and select the user type as manager. Then he will see the manager page where the movie information shows and there is a bottom called update worker, after he click it, he will be able to modify the worker information.

# Welcome come to the App

Username

Password

User type

New member?[please register](#)

## Movie Manage

id:	title:	director:	description:
4	888	888	888
5	onion movie	zhayiwei	laoliangshishaobi
1	yyyyyy	yyyyy	yyyyyy
2	The Hunger Games: Mockingjay	Francis Lawrence	a movie about killing each other for surviving
3	Ant-Man	Peyton Reed	a superhero movie

## Worker schedule

SSN:	Theatre id:	JOB:	Start:	End:	Action
123456782	2	Administer	2015-11-01 07:00:00.0	2015-11-01 17:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
123456783	3	Administer	2015-11-01 07:00:00.0	2015-11-01 17:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
123456784	2	Manager	2015-11-02 07:00:00.0	2015-11-02 20:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
123456785	2	Onwer	2015-11-01 09:00:00.0	2015-11-01 17:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
11111	1	Administer	2015-11-01 08:00:00.0	2015-11-01 19:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
312000000	2	Administer	2015-11-02 09:00:00.0	2015-11-02 19:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>

[Set worker](#)

## update worker

SSN:123456782

Theatre id:  1  2  3

Job:

Start time:

End time:

And he can delete a worker too

## Worker schedule

SSN:	Theatre id:	JOB:	Start:	End:	Action
123456783	3	Administer	2015-11-01 07:00:00.0	2015-11-01 17:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
123456784	2	Manager	2015-11-02 07:00:00.0	2015-11-02 20:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
123456785	2	Onwer	2015-11-01 09:00:00.0	2015-11-01 17:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
11111	1	Administer	2015-11-01 08:00:00.0	2015-11-01 19:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
312000000	2	Administer	2015-11-02 09:00:00.0	2015-11-02 19:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>

[Set worker](#)

or set a new worker

## Please set the information of a worker

Staff name:

Phone:

address:

password:

SSN:

Theatre id:  1  2  3

Job:

Start time:

End time:

# Worker schedule

SSN:	Theatre id:	JOB:	Start:	End:	Action
888888	1	Administer	2015-11-01 07:00:00.0	2015-11-01 17:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
123456783	3	Administer	2015-11-01 07:00:00.0	2015-11-01 17:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
123456784	2	Manager	2015-11-02 07:00:00.0	2015-11-02 20:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
123456785	2	Onwer	2015-11-01 09:00:00.0	2015-11-01 17:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
11111	1	Administer	2015-11-01 08:00:00.0	2015-11-01 19:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>
312000000	2	Administer	2015-11-02 09:00:00.0	2015-11-02 19:00:00.0	<a href="#">Modify</a> <a href="#">Delete</a>

[Set worker](#)

3. Expect outcome: He will be able to set a new worker schedule, delete a worker, and modify an existing worker's information.
4. Actual outcome: The same as expect.

## Test Data

F15\_user:

ID	NAME	PHONE	ADDRESS	PASSWORD
1	58 sye	19999	1999	123
2	45 congwei	123	1231	123
3	59 helloworld	312000000	219 S State	123
4	50 xiaom	241231	11313	123
5	55 zyw	665444	2re	123
6	57 shengyuan	123321	1232123	123
7	60 David	13131	2851 S King Drive	123
8	1 Shengyuan	708-555-9384	PS2901	12341
9	2 Kunyang	316-817-9852	PS3001	12342
10	3 Yiwei	728-555-9357	PS2851	12343
11	4 Francis	738-555-9300	SB226	12344
12	5 Dennis	138-555-9724	SB110	12345
13	51 ndy	41231	1251	123
14	52 zy	31231	123	12
15	53 xixi	3123132	123	123

F15\_member

	ID	USERID	EMAIL	CREDITCARDNUM	CREDITPOINT
1	22	58	yyy@iit.edu	188888	13
2	23	59	hello@iit.edu	44309999	16
3	21	57	y@iit.edu	12333333	1
4	1	1	syuan7@hawk.iit.edu	12341	13
5	2	2	kzhao9@hawk.iit.edu	12342	10
6	3	3	ywei91@hawk.iit.edu	12343	9
7	4	4	flueng@iit.edu	12344	1
8	5	5	Dhood@iit.edu	12345	2
9	16	52	23	12	1
10	17	53	123	12	1
11	20	56	pp@iit.edu	100234	1

F15\_membershipstatus

	CREDITPOINT	STATUS	
1	11	GOLD	
2	12	GOLD	11 PLATINUM
3	13	GOLD	12 PLATINUM
4	14	GOLD	13 PLATINUM
5	15	GOLD	14 PLATINUM
6	16	GOLD	15 PLATINUM
7	17	GOLD	16 PLATINUM
8	18	GOLD	17 PLATINUM
9	19	GOLD	18 PLATINUM
10	20	GOLD	19 PLATINUM
			20 PLATINUM

21	1 SILVER
22	2 SILVER
23	3 SILVER
24	4 SILVER
25	5 SILVER
26	6 SILVER
27	7 SILVER
28	8 SILVER
29	9 SILVER
30	10 SILVER

F15\_creditcard

	CREDITCARDNUM	CREDITTYP	EXPIRATIONDATE	BALANCE
1	188888	master	2017-01-01 00:00:00	86
2	44309999	master	2017-01-01 00:00:00	94
3	6	master	2017-01-01 00:00:00	6
4	122	visa	2017-01-01 00:00:00	4
5	12333333	master	2017-01-01 00:00:00	100
6	12341	VISA	2019-05-01 00:00:00	10.1
7	12342	VISA	2018-09-21 00:00:00	50.3
8	12343	VISA	2020-10-01 00:00:00	12.4
9	12344	MASTER	2023-12-13 00:00:00	90
10	12345	MASTER	2017-05-30 00:00:00	1.1
11	1	master	2017-01-01 00:00:00	12
12	125	master	2017-01-01 00:00:00	4
13	12	master	2017-01-01 00:00:00	12
14	123	discover	2017-01-01 00:00:00	40
15	100234	discover	2017-01-01 00:00:00	100

f15\_rewards

	NAME	WORTHPOINT
1	PARKER PEN	4
2	IPHONE6S	7
3	Porsche Cayenne	10

f15\_movie

	ID	TITLE	DIRECTOR	DESCRIPTION
1	4	888	888	I love you, professor
2	5	onion movie	zhayiwei	I love you, professor
3	1	yyyyyy	yyyyy	yyyyyy
4	2	The Hunger Games: Mockingjay	Francis Lawrence	a movie about killing each other for surviving
5	3	Ant-Man	Peyton Reed	a superhero movie

F15\_moviestar

	ID	NAME
1	2	Lawrence
2	1	Daniel Craig
3	3	Paul Rudd

f15\_movewithstar

	MOVIEID	STARID
1	1	1
2	2	2
3	3	3

f15\_movietype

	ID	TYPENAME
1	1	drama
2	2	adventure
3	3	sci_fi
4	4	lovestory
5	5	comedy
6	6	family

f15\_movewithtype

	MOVIEID	TYPEID
1	1	2
2	1	3
3	2	2
4	2	3
5	3	2
6	3	3

F15\_moviereview

	ID	MOVIEID	RATING	CONTENT	TIME	USERID
1	21	1	1	sdfas	1990-01-01 12:21:12	1
2	42	3	2	fghfghfgfghf	2015-11-26 20:25:33	55
3	49	1	1	1111	2015-11-27 16:16:26	58
4	54	1	1	10 point	2015-11-27 16:54:59	59
5	55	1	1	My id is 59, I love the mo...	2015-11-27 17:11:59	59
6	39	1	1	I think.....	2015-11-26 20:14:24	55
7	37	1	1	i love you	2015-11-26 20:03:18	55
8	38	1	2	321	2015-11-26 20:04:40	55
9	41	2	1	what?????	2015-11-26 20:20:44	55
10	45	1	1	111111	2015-11-27 14:46:16	58
11	50	1	1	11	2015-11-27 16:25:48	59
12	51	2	1	11ppp	2015-11-27 16:33:12	59
13	46	1	1	11	2015-11-27 16:05:22	58
14	53	1	2	111	2015-11-27 16:39:06	59
15	36	1	1	i love y	2015-11-26 20:02:41	55
16	40	1	1	er	2015-11-26 20:16:34	55

f15\_moviecomment

	ID	REVIEWID	USERID	CONTENT	TIME
1	18		41	55 what?????	2015-11-26 20:21:02
2	22		21	1 123	2015-11-27 16:19:04
3	15		36	55 aa	2015-11-26 20:04:14
4	16		40	55 10	2015-11-26 20:16:51
5	23		21	1 123	2015-11-27 16:26:05
6	24		21	1 sdf	2015-11-27 16:27:58
7	25		21	1 59	2015-11-27 16:30:22
8	26		37	55 t	2015-11-27 16:30:43
9	27		21	1 123	2015-11-27 16:31:24
10	28		21	1 fffff	2015-11-27 16:35:36
11	30		21	59 112	2015-11-27 16:52:37
12	34		53	59 123	2015-11-27 19:05:50
13	31		21	59 i love it	2015-11-27 16:55:49
14	32		21	59 hh	2015-11-27 17:16:32
15	21		21	1 131	2015-11-27 16:06:59
16	29		50	59 ac	2015-11-27 16:40:20

F15\_theater

	ID	ADDRESS	TICKETCOUNT
1	1	1751 S State St	26
2	2	2701 S King Road	4
3	3	Chinatown	8

f15\_theaterreview

	ID	THEATREID	MEMBERID	RATING	CONTENT	TIME
1	1	1	1	5	Comfortable!	2015-11-09 19:07:49
2	2	1	2	2	Just So So!	2015-11-05 10:34:32
3	3	3	2	3	Too Expensive!	2015-11-10 07:07:01
4	4	2	3	1	Small!	2015-11-08 17:55:57
5	5	1	5	4	Good Place!	2015-11-09 12:17:09

f15\_screensroom

	ID	THEATREID	ROOMNUM	CAPACITY
1	9	3	3	90
2	10	1	4	30
3	11	1	5	50
4	1	1	1	100
5	2	1	2	80
6	3	1	3	120
7	4	2	1	70
8	5	2	2	90
9	6	2	3	50
10	7	3	1	100
11	8	3	2	80

f15\_movieschedule

	ID	MOVIEID	SCREENINGROOMNO	TIME	PRICE
1	9	3		9 2015-11-26 19:14:04	3
2	10	4		10 2015-11-26 22:00:42	5
3	11	5		11 2015-11-26 22:02:16	5
4	1	1		7 2016-02-02 08:00:00	10
5	2	3		1 2015-11-08 19:00:00	10
6	3	1		5 2016-02-02 08:00:00	10
7	4	2		3 2015-11-08 19:00:00	10
8	5	3		6 2015-11-08 19:00:00	10
9	6	1		2 2016-02-02 08:00:00	2
10	7	2		8 2015-11-08 19:00:00	10
11	8	2		4 2015-11-08 19:00:00	10

f15\_ticket

	ID	USERID	SCHEDULEID	PRICE
1	1	1	2	50
2	2	2	6	60
3	3	2	7	80
4	4	3	5	60
5	5	5	4	70

f15\_staff

	SSN	USERID
1	1000001	45
2	888888	60
3	123456781	1
4	123456782	2
5	123456783	3
6	123456784	4
7	123456785	5
8	11111	44
9	312000000	43

f15\_jobtype

JOB	DESCRIPTION
1 Onwer	o
2 Administer	a
3 Manager	m
4 Tickets Seller	t
5 Security	se
6 Snack Service Provider	sn

f15\_enrollment

EMPLOYEE	THEATREID	JOB	WORKINGTIMESTART	WORKINGTIMEEND
1 888888		1 Administer	2015-11-01 07:00:00	2015-11-01 1...
2 123456783		3 Administer	2015-11-01 07:00:00	2015-11-01 1...
3 123456784		2 Manager	2015-11-02 07:00:00	2015-11-02 2...
4 123456785		2 Onwer	2015-11-01 09:00:00	2015-11-01 1...
5 11111		1 Administer	2015-11-01 08:00:00	2015-11-01 1...
6 312000000		2 Administer	2015-11-02 09:00:00	2015-11-02 1...