

CSP203: Test Document

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1 Unit Testing

1.1 Strategy for testing

For testing every module, we basically made test cases. Test cases were made so that every functionality in every module gets tested.

In software engineering, we assume that the input given by the user would be unexpected. So, we have placed proper checks in place so that there is no disastrous behaviour. We will also show that such behaviour will be handled by our application through test cases.

1.2 Module 1 (Login/Register)

Working of sessions

We check the working of sessions, before you login into our website, you can't use our application. You won't be able to view our ads, post ads or anything. If the user tries to go to index.php, the user will automatically be redirected to login.php.

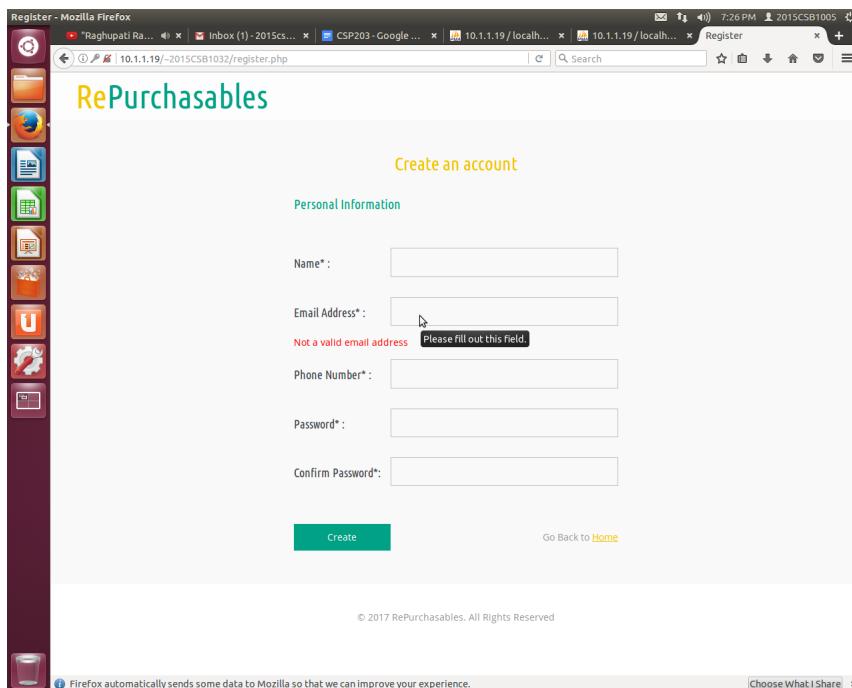
Checking Register functionality through 4 test cases

1.2.1 Module 1 - Register — TEST CASE 1

Invalid email

1. Name : XYZ
2. Email : XYZhhhsf (Invalid)
3. Phone No . : 851215
4. Password : youtubeINDIA05
5. Confirm Password :youtubeINDIA05

As the entered email is incorrect it displays an error message saying to enter a valid email address as shown in the screenshot.



1.2.2 Module 1 - Register — TEST CASE 2

Invalid phone number

1. Name : XYZ
2. Email : xyz@hotmail.com
3. Phone No . : 85345645sfds (Invalid)
4. Password : youtubeINDIA05
5. Confirm Password :youtubeINDIA05

As the phone number entered is not a valid one it shows to enter a valid phone number.

The screenshot shows a Firefox browser window with the title 'Register - Mozilla Firefox'. The address bar displays the URL '10.1.1.19/~2015CSB1032/register.php'. The main content is a registration form for 'RePurchasables'. The form has a sidebar with various icons. The header says 'Create an account'. The 'Personal Information' section contains five input fields: 'Name*', 'Email Address*', 'Phone Number*', 'Password*', and 'Confirm Password*'. The 'Phone Number*' field contains the invalid value '85345645sfds'. A red validation message 'Only numbers allowed' is displayed below this field. At the bottom of the form are two buttons: a green 'Create' button and a link 'Go Back to Home'.

1.2.3 Module 1 - Register — TEST CASE 3

Unmatched passwords

1. Name : XYZ
2. Email : xyz@hotmail.com
3. Phone No . : 85345645
4. Password : youtubeINDIA05
5. Confirm Password :youtubeeeINDIA05 (Unmatched)

As the password and confirm password do not match, an error is displayed.

The screenshot shows a web browser window with multiple tabs open. The active tab is titled 'Register' and contains a form for 'Personal Information'. The form fields are:

- Name*: [empty input field]
- Email Address*: [empty input field]
- Phone Number*: [empty input field]
- Password*: [empty input field]
- Confirm Password*: [empty input field]

A red error message 'The passwords do not match, please enter again.' is displayed above the 'Confirm Password*' field. At the bottom of the form, there is a 'Create' button in a green box and a 'Go Back to Home' link.

1.2.4 Module 1 - Register — TEST CASE 4

Everything correct

1. Name : XYZ
 2. Email : xyz@hotmail.com
 3. Phone No . : 999999999
 4. Password : youtubeINDIA05
 5. Confirm Password :youtubeINDIA05

XYZ entry is created in the database.

Hence register functionality in module 1 is working perfectly.

10.1.1.19 / localhost / lab / repurchaselogin | phpMyAdmin 4.0.10deb1 - Mozilla Firefox 7:35 PM 2015CSB1005

Piyu Bole - Full... x ASSIGNMENT-3.p... x CSP203 - Google... x 10.1.1.19 / local... x Register x

10.1.1.19/phpmyadmin/sql.php?server=1&db=lab&tble=re purchaselogin&pos=0&token=

Search

Server: localhost Database: lab Table: repurchaselogin

phpMyAdmin

Browse Structure SQL Search Insert Export Import Operations Tracking

(Recent tables) ...

Items Lost_items messRegister milan narotam Notifications orders orders_complete orders_fz order_practice order_practice1 patient patient2 Persons Persons1 Persons_1 questdata rdfmhp register ReLogin ReLogin2 rewards repurchaselogins repurchaselogin repuplogin Sachin Safe_Highway Safe_Highway_1 Safe_Highway_2 student sumit sumit Singh try upload_image user users Users_Lost vishal youtube Zstudiants

	A X S TEJA	2015cs1005@itrprac.in	\$1\$RAZjVjUeSeebe5dYfPzo.d59GYAYRA1	9888927268			
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	Eeshaan Sharma	2015cs1011@itrprac.in	\$1\$izjdPLfySjmXmU4xxcduygEv9cLy1	9999047720
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	Himanshu	2015cs1013@itrprac.in	\$1\$BYLHRAEP\$Ag2nHBHBRz.2wplCrEp71	7508211334
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	Shivam	2015cs1032@itrprac.in	\$1\$CvF3kaUgs\$eTsQVKzGnw\$AgysVJlM1	9899461223
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	Aditya	adji@gmail.com	\$1\$Mr7fQJK.Swu6x6KtNhEZSBm83gFC0	7307382155
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	Alok	alokiran77@gmail.com	\$1\$xlqOxfDWLSLuFon.R7GcaGfTrpKP1	7752962009
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	qw	bs@bs.in	\$1\$OzKwShe\$B27B49.gpx9OfHdBeKm0	22222222222222222222
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	hutiyaha@hutiyaha.com	\$1\$LXlQpNXHStaj.Dh9hsGcKwUBT8x6Pez.	123456789	
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	MANISH	manishkumar5603@gmail.com	\$1\$J4h4Hs\$QwdlO4xJrzYTiarWAc.	9779995727
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	Shikhar Jaiswal	shikheraiswal@gmail.com	\$1\$byCWWNEfSF8vNjjf0iCnbQoyFkE/T1	9779995466
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	Vinit	vinitkothawade98@gmail.com	\$1\$tbgfs9wUsBwebz.9fb0IylnQtgWWNO	9881475231
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	XYZ	xyz@hotmail.com	\$1\$pcRdDjb\$bmQbqx33U6GKDf4UV5Skd7m1	9999999999

Check All With selected: Change Delete Export

Show: Start row: 0 Number of rows: 30 Headers every 100 rows

Query results operations

Print view Print view (with full texts) Export Display chart Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

Firefox automatically sends some data to Mozilla so that we can improve your experience.

Choose What I Share

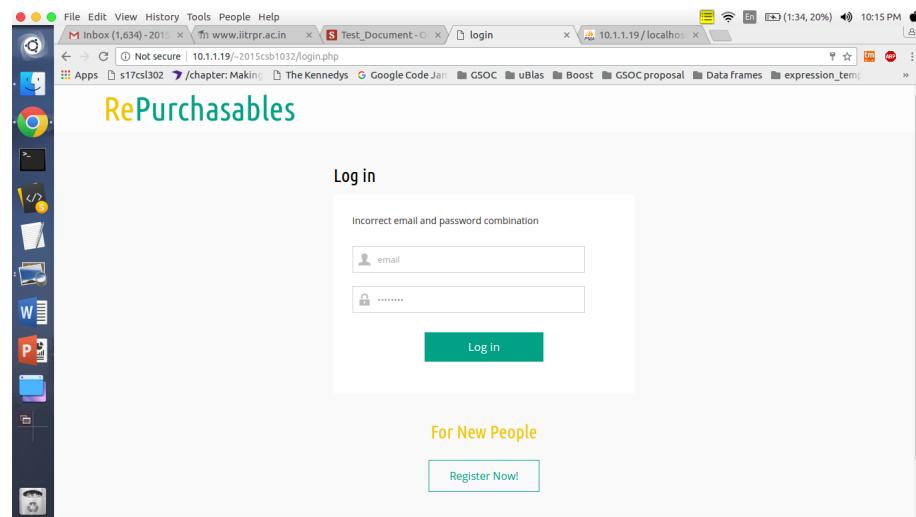
Checking login functionality through 3 test cases

1.2.5 Module 1 - Login — TEST CASE 5

Invalid password

1. Email : 2015csb1032@iitrpr.ac.in
2. Password : XYZ*adh1 (Invalid)

As the entered password is incorrect it displays an error message as shown in the screenshot. Login is unsuccessful.

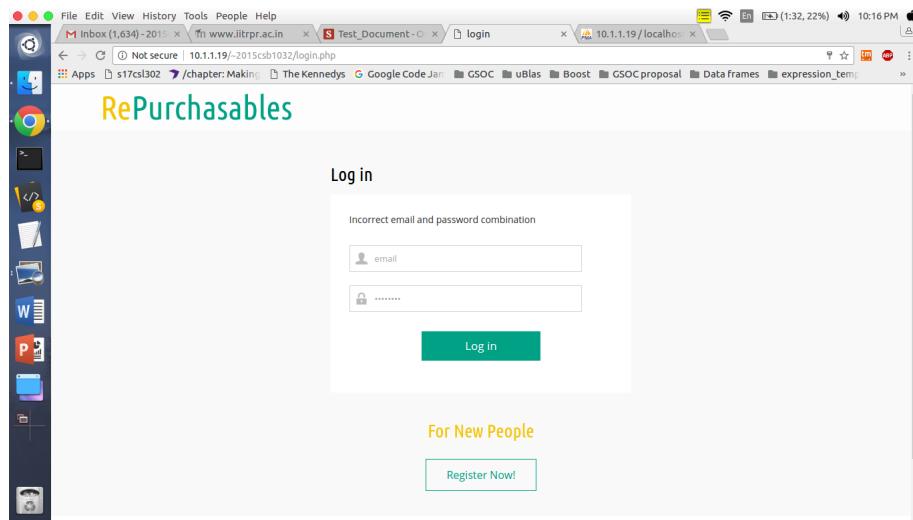


1.2.6 Module 1 - Login — TEST CASE 6

Invalid email (Not registered on the website)

1. Email : abcdef@xyz.com
2. Password : XYZ*adh1

As the entered password is incorrect it displays an error message as shown in the screenshot. Login is unsuccessful.

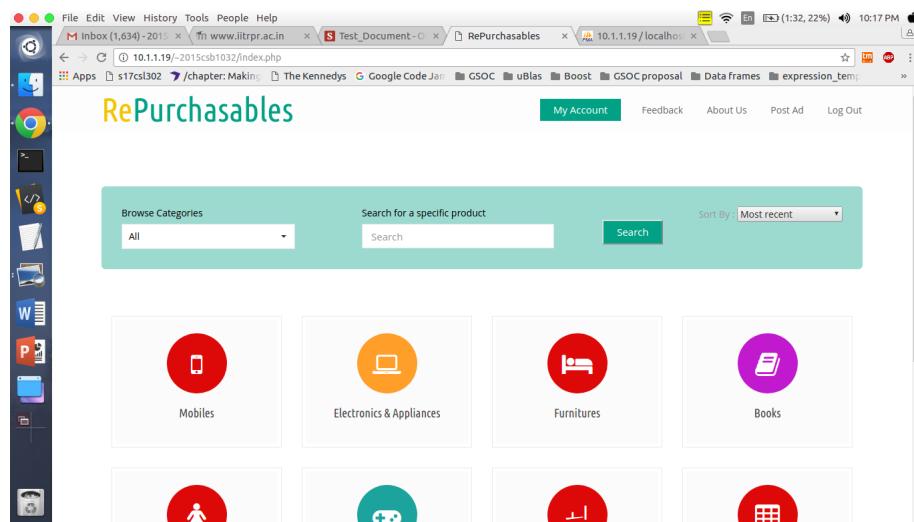


1.2.7 Module 1 - Login — TEST CASE 7

Correct email and password

1. Email : 2015csb1032@iitrpr.ac.in
2. Password : Qwerty123

As the entered email and password combination is correct. Login is successful and we are directed to the homepage automatically.



Hence login functionality in module 1 is working perfectly. MODULE 1 tested successfully.

1.3 Module 2 (USER CONTROL SETTINGS)

User control setting are accessible through "My Account" tab.

The different functionalities are change password, change mobile number, View/Delete ads, and delete this account. We will check all of these in the following test cases:

1.3.1 Module 2 - Changing Password — TEST CASE 1

Incorrect old password

1. Old Password : sfssdfsc(Incorrect Password)
2. New Password : googleINDIA05
3. Confirm Password : googleINDIA05

As incorrect old password is given it displays error saying incorrect password.

The screenshot shows a Mozilla Firefox browser window with the title 'Change password - Mozilla Firefox'. The address bar shows the URL '10.1.1.19/~2015CSB1032/change_password.php'. The main content area displays the 'RePurchasables' logo and a 'Change Password' form. An error message 'Incorrect password' is displayed above the input fields. The form has three input fields: 'Old Password*', 'New Password*', and 'Confirm Password*'. Below the inputs are two buttons: a green 'Change' button on the left and a 'Go Back to Home' link on the right. At the bottom of the page, there is a copyright notice '© 2017 RePurchasables. All Rights Reserved' and a Mozilla Firefox privacy notice.

1.3.2 Module 2 - Changing Password — TEST CASE 2

Mismatch of new password

1. Old Password : youtubeINDIA05
2. New Password : googleINDIA05
3. Confirm Password : googleINDIA15(Mismatch of Passwords)

As there is mismatch of passwords it is displaying error.

Change password - Mozilla Firefox 7:58 PM 2015CSB1005

Aware - Chiru... | ASSIGNMENT3.p... | CSP203 - Google... | 10.1.1.19 / localh... | 10.1.1.19 / localh... | Change password

10.1.1.19/-2015CSB1032/change_password.php

RePurchasables

Change Password

Incorrect password

Old Password*:

New Password*:

The passwords do not match, please enter again.

Confirm Password*:

Change Go Back to Home

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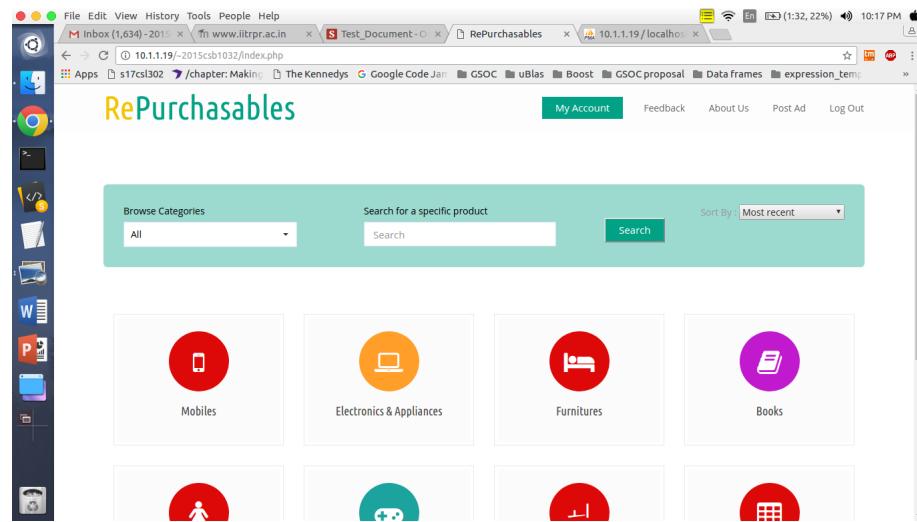
1.3.3 Module 2 - Changing Password — TEST CASE 3

Everything is correct

1. Old Password : youtubeINDIA05
2. New Password : googleINDIA05
3. Confirm Password : googleINDIA05

Password is changed and can be verified by logging in again.

When we enter the email and the new password, login is successful and we are directed to the homepage automatically.



1.3.4 Module 2 - Changing Mobile Number — TEST CASE 4

1. New Mobile No. : 8888888888

The mobile number is successfully changed in the database.

	name	email	password	number
<input type="checkbox"/>	A K S TEJA	2015csb1005@iitpr.ac.in	\$1\$RAZVjhUE\$eebe5dYpZo.d59GYAYRA1	9888827268
<input type="checkbox"/>	Eshaan Sharma	2015csb1011@iitpr.ac.in	\$1\$iz.dPLFy\$jmcmXmU4ckduyGEv9cLY1	9999047720
<input type="checkbox"/>	Himanshu	2015csb1013@iitpr.ac.in	\$1\$YBVLRAEP\$A2mHBZzL2wpCnEp71	7508211334
<input type="checkbox"/>	Shivam	2015csb1032@iitpr.ac.in	\$1\$CVf3kAUq\$etTsQVKGrWAgvSjM1	9899461223
<input type="checkbox"/>	Aditya	adi@gmail.com	\$1\$Mzf3QjK.SwU6/X6KThHZSBm3GFC0	7307382155
<input type="checkbox"/>	Alok	alokiran777@gmail.com	\$1\$xiqfOxDWSLUfOn.rYf3GcaGTrpK71	7752962009
<input type="checkbox"/>	qw	bs@bs.in	\$1\$OzKw5he\$rbZ7B49.gxp9QfchdBekm0	2222222222222222
<input type="checkbox"/>	hutiya bandi	hutiya@hutiya.com	\$1\$LxJOpXKH1Stoj.Dh0hsGcUKWBTX6Pez.	123456789
<input type="checkbox"/>	MANISH	manishkumar5603@gmail.com	\$1\$Be4Hs\$QwdlO4xrjzYT1iarWAc.	9779995727
<input type="checkbox"/>	Shikhar Jaiswal	shikherjaitswal@gmail.com	\$1\$byCWwNEjsf8vNjjoiCANbQoyfEk/T1	9779995466
<input type="checkbox"/>	Vinit	vinitkothawade98@gmail.com	\$1\$tbfqs9wU\$bwebz.9fbOrlylmNtqWWN0	9881475231
<input type="checkbox"/>	XYZ	xyz@hotmail.com	\$1\$pcRdDjbm\$ebqX33U6GKDF4UVSSkd7m1	8888888888

1.3.5 Module 2 - Deleting Ads — TEST CASE 5

The screen shots of the database before and after deleting the Ad Life Without Limits is attached this shows deleting Ads works fine.

ID	Title	Category	Description	Name	Email	File
1	Harry Potter Novel	Books	1000 New	Himanshu	7508211334	2015cb1013@itrpr.ac.in
2	HC Verma	Books	500 New	Himanshu	7508211334	2015cb1013@itrpr.ac.in
3	LIFE WITHOUT LIMITS	Books	250 Life Without Limits: Inspiration from a Remarkable Life...	XYZ	9999999999	xyz@hotmail.com
4	Casio FX-82MS Scientific Calculator	Electronics and Appliances	300 10 months old, in good condition	A K S TEJA	9888927268	2015cb1005@itrpr.ac.in
5	Logitech Wireless HeadSet	Electronics and Appliances	1500 5 months old	A K S TEJA	9888927268	2015cb1005@itrpr.ac.in
6	Pendrive	Electronics and Appliances	400 HP 16 GB USB 2.0 5 months old	A K S TEJA	9888927268	2015cb1005@itrpr.ac.in
7	Tshirt	Fashion	500 New	Himanshu	7508211334	2015cb1013@itrpr.ac.in
8	Sofa	Furniture	4000 New	Himanshu	7508211334	2015cb1013@itrpr.ac.in
9	Galaxy S8	Mobiles	60000 New	Himanshu	7508211334	2015cb1013@itrpr.ac.in
10	Iphone Red+	Mobiles	75000 New	Himanshu	7508211334	2015cb1013@itrpr.ac.in
11	3Tennis Balls	Sports	100 In good condition 1 week old	A K S TEJA	9888927268	2015cb1005@itrpr.ac.in
12	Cricket Bat	Sports	8000 New	Himanshu	7508211334	2015cb1013@itrpr.ac.in

ID	Title	Category	Description	Name	Email	File
12	Cricket Bat	Sports	8000 New	Himanshu	7508211334	2015cb1013@itrpr.ac.in

1.3.6 Module 2 - Delete this account — TEST CASE 6

After clicking "Delete my account", all the ads that the user has posted gets automatically deleted. The user from the users database also gets deleted.

The screen shots of the 2 databases before and after deleting the user are given:

Users database - repurchasableslogin

	name	email	password	number
1	A K S TEJA	2015csb1005@iitr.ac.in	\$1\$RqAVzvEiSsbe8sdnPZo:d59GYAYRA1	9889927288
2	Eshahn Sharma	2015csb1011@iitr.ac.in	\$1\$zr4pLy5mcoNxU4ukiduygjVxkV1Y1	9999047720
3	Himanshu	2015csb1013@iitr.ac.in	\$1\$VYlRAEPsA5q2mHB2z2wpcEpT1	7505211334
4	Shivam	2015csb1032@iitr.ac.in	\$1\$cVf3aujp8sTjQVXG0WjWigxDJM1	9895461223
5	Xyz	Abc@xyz.com	\$1\$gMubt5J5nq4C0Z2tkwkwMBH1hy1	1234567890
6	Aditya	ad@gmail.com	\$1\$MnbQJKSwu6XkTnhEz3bm3GfC0	7307382155
7	Alok	alokar77@gmail.com	\$1\$axphQWLuOn1tYDca0TpK1	775296009
8	qe	b@tts.in	\$1\$OckuhneBZ7B494grpQ0tHbdkm0	22222222222222
9	guest	guessme@guesme.com	\$1\$Bpu2g0zgSOV9oWEVERURxkzbZnL1	7777777777
10	MANISH	manishkumar03@gmail.com	\$1\$3BafrHsQwvOu4uzJzYHtaWc	9779995727
11	Jawad	shaherajjawad@gmail.com	\$1\$byCWNAnF3nNjCaRqyFwT1	9779995466
12	Vinit	vinitthawade@gmail.com	\$1\$9sq9lw\$Sowez1fbOrYmHqyFWN0	9881475231

	name	email	password	number
1	A K S TEJA	2015csb1005@iitr.ac.in	\$1\$RqAVzvEiSsbe8sdnPZo:d59GYAYRA1	9889927288
2	Eshahn Sharma	2015csb1011@iitr.ac.in	\$1\$zr4pLy5mcoNxU4ukiduygjVxkV1Y1	9999047720
3	Himanshu	2015csb1013@iitr.ac.in	\$1\$VYlRAEPsA5q2mHB2z2wpcEpT1	7505211334
4	Shivam	2015csb1032@iitr.ac.in	\$1\$cVf3aujp8sTjQVXG0WjWigxDJM1	9895461223
5	Xyz	Abc@xyz.com	\$1\$gMubt5J5nq4C0Z2tkwkwMBH1hy1	1234567890
6	Aditya	ad@gmail.com	\$1\$MnbQJKSwu6XkTnhEz3bm3GfC0	7307382155
7	Alok	alokar77@gmail.com	\$1\$axphQWLuOn1tYDca0TpK1	775296009
8	qe	b@tts.in	\$1\$OckuhneBZ7B494grpQ0tHbdkm0	22222222222222
9	guest	guessme@guesme.com	\$1\$Bpu2g0zgSOV9oWEVERURxkzbZnL1	7777777777
10	MANISH	manishkumar03@gmail.com	\$1\$3BafrHsQwvOu4uzJzYHtaWc	9779995727
11	Jawad	shaherajjawad@gmail.com	\$1\$byCWNAnF3nNjCaRqyFwT1	9779995466
12	Vinit	vinitthawade@gmail.com	\$1\$9sq9lw\$Sowez1fbOrYmHqyFWN0	9881475231

Note the entry of 2015csb1032@iitrpr.ac.in has been deleted.

Ads database - repurads

Note all the ads of the user 2015csb1032@iitrpr.ac.in repurads database gets deleted.

Hence **MODULE 2 is successfully tested.**

1.4 Module3 (SELLING)

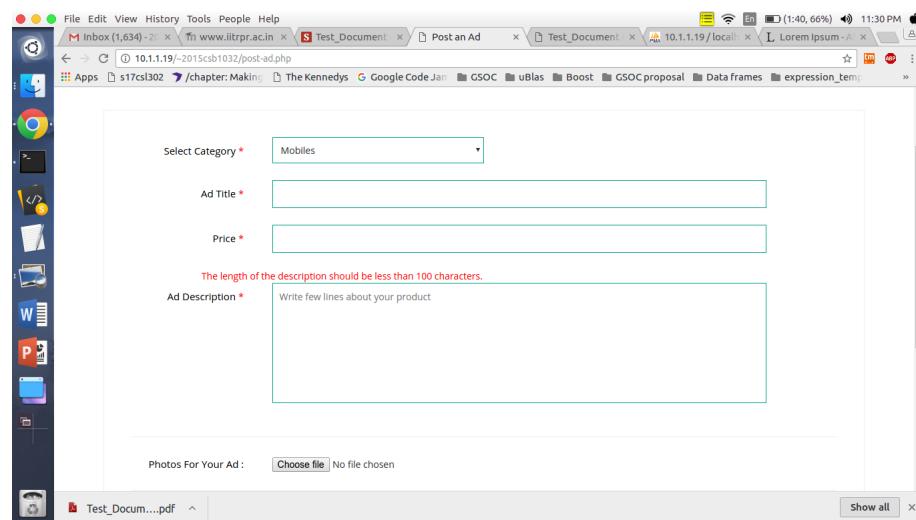
We will check the posting of an ad, and whether it is being added to the database and to the website.

1.4.1 Module 3 - Selling — TEST CASE 1

Description more than 100 characters, should give an error

1. CATEGORY : MOBILES
2. Ad Title : Samsung Galaxy C7 Pro (Navy Blue, 64GB)
3. Price : 25000
4. Ad Description : Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.
5. Photo : index.jpeg
6. Mobile : 999999999

Note, an error is displayed because the description crosses 100 words



The screenshot shows a web browser window with multiple tabs open. The active tab is titled "Post an Ad". The page displays a form for posting an advertisement. The form fields are as follows:

- Select Category: Mobiles
- Ad Title: (empty input field)
- Price: (empty input field)
- Ad Description: (large text area with placeholder text and validation message: "The length of the description should be less than 100 characters.")
- Photos For Your Ad: (file input field showing "Test_Docum....pdf")

1.4.2 Module 3 - Selling — TEST CASE 2

1. CATEGORY : MOBILES
2. Ad Title : Samsung Galaxy C7 Pro (Navy Blue, 64GB)
3. Price : 25000
4. Ad Description : 5 months old
5. Photo : index.jpeg
6. Mobile : 999999999

This test case basically checks all the functionalities of the selling module. The screen shot of the Ads database is attached which shows that Ad is posted. The screen shot of the Ad is also attached.

id	category	title	description	price	image	status	posted_by	posted_on	modified_on
1	Electronics	iPhone 7 Plus	500 New	15000	img/1500x1500_iphone7plus_new.jpg	Used	A K S Tja	2015-08-05 10:05:00	2015-08-05 10:05:00
2	Electronics	Samsung Galaxy C7 Pro	300 10 months old	15000	img/1500x1500_samsungc7pro_10monthsold.jpg	Used	A K S Tja	2015-08-05 10:05:00	2015-08-05 10:05:00
3	Electronics	Logitech Headset	500 New	1500	img/1500x1500_logitechheadset_new.jpg	New	A K S Tja	2015-08-05 10:05:00	2015-08-05 10:05:00
4	Electronics	Pen drive	400 10 months old	400	img/1500x1500_pendrive_10monthsold.jpg	Used	A K S Tja	2015-08-05 10:05:00	2015-08-05 10:05:00
5	Electronics	Mobile	500 New	5000	img/1500x1500_mobile_new.jpg	New	A K S Tja	2015-08-05 10:05:00	2015-08-05 10:05:00
6	Electronics	Mobile	5000 New	5000	img/1500x1500_mobile_new.jpg	New	A K S Tja	2015-08-05 10:05:00	2015-08-05 10:05:00
7	Electronics	Mobile	25000 5 months old	25000	img/1500x1500_mobile_5monthsold.jpg	Used	A K S Tja	2015-08-05 10:05:00	2015-08-05 10:05:00
8	Electronics	Mobile	100 In good condition 1	100	img/1500x1500_mobile_ingoodcondition.jpg	New	A K S Tja	2015-08-05 10:05:00	2015-08-05 10:05:00

Search Results

iPhone 7 Plus
Price : 75000

Samsung Galaxy C7 Pro (Navy Blue, 64GB)
Price : 25000

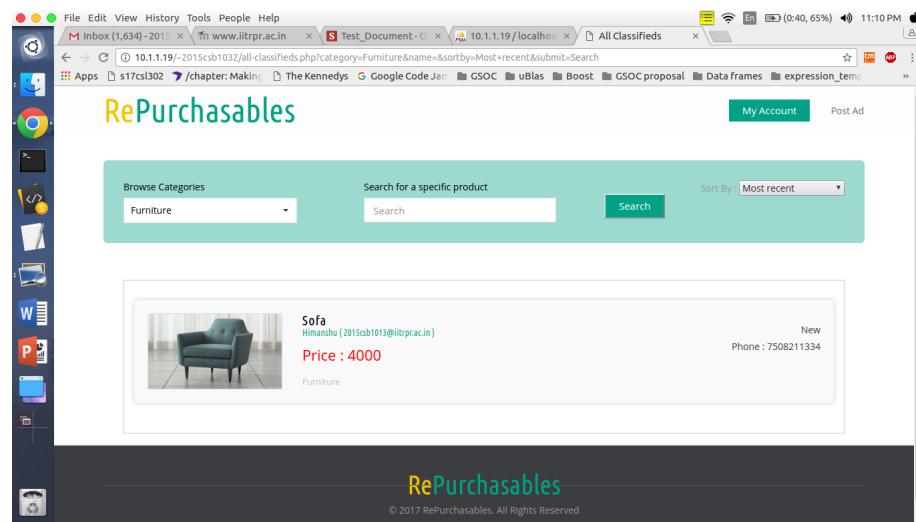
This completes MODULE 3 testing.

1.5 Module 4 (Buying)

Basically we have to check the ad viewing and searching functionality. We will check two functionalities - sorting based on price, refinement based on categories and name search.

1.5.1 Module 4 — TEST CASE 1

1. Browse by category - Furniture



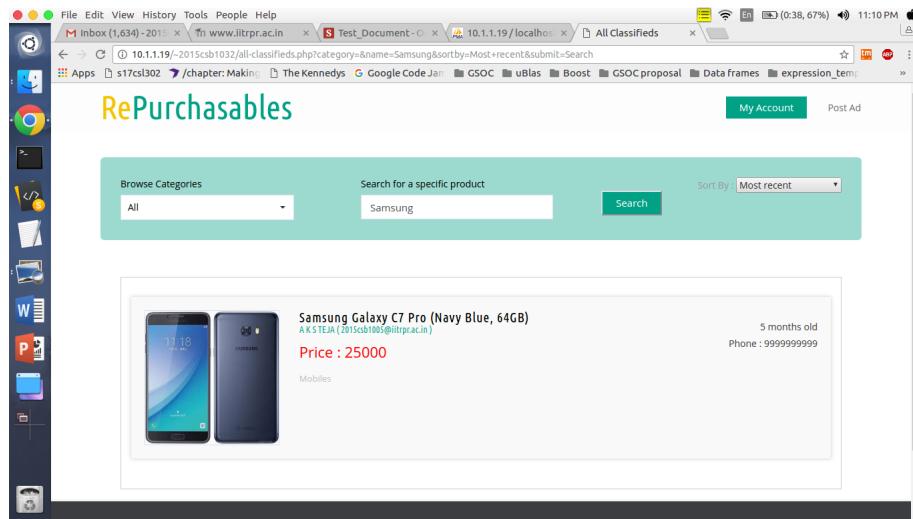
The screenshot shows a web browser window with the following details:

- URL:** 10.1.1.19/-2015cb1032/all-classifieds.php?category=Furniture&name=&sortby=Most+recent&submit=Search
- Page Content:** A listing for a "Sofa" by "Himanshu (2015cb1013@iitpr.ac.in)". The listing includes:
 - Image: A blue fabric sofa.
 - Name: Sofa
 - Uploader: Himanshu (2015cb1013@iitpr.ac.in)
 - Price: Price : 4000
 - Status: New
 - Contact: Phone : 7508211334
- Header:** My Account, Post Ad
- Search Bar:** Search for a specific product, with a dropdown for "Browse Categories" set to "Furniture".
- Sort By:** Most recent
- Footer:** RePurchasables, © 2017 RePurchasables. All Rights Reserved

Note that the ads are being refined, only the ads which have category as furniture are being displayed, hence this functionality is working properly

1.5.2 Module 4 — TEST CASE 2

1. Search by name - Samsung



Note that the ads are being refined, only the ads which have title matching with the search query (Samsung) are being displayed, hence this functionality is working properly

1.5.3 Module 4 — TEST CASE 3

1. Sort Mobile : Increasing order of price

The screenshot shows a Mozilla Firefox browser window with the title "All Classifieds - Mozilla Firefox". The address bar displays the URL "10.1.1.19/~2015CSB1032/all-classifieds.php?category=Mobiles&name=&sortby=Price%3A+Rs". The page content is a search results page for mobile phones, with a sidebar on the left containing various icons. At the top, there are filters for "Browse Categories" (set to "Mobiles") and a search bar. A "Sort By" dropdown menu is set to "Price: Rs Low to High". The main area displays three ads:

- Samsung Galaxy C7 Pro (Navy Blue, 64GB)**
A K S TEJA (2015csb100@gmail.com)
Price : 25000
5 months old
Phone : 9999999999
- Galaxy S8**
Himanshu (2015csb103@itrpr.ac.in)
Price : 60000
New
Phone : 7508211334
- iPhone Red+**
Himanshu (2015csb103@itrpr.ac.in)
Price : 75000
New
Phone : 7508211334

Note that the ads are being ordered in increasing order of price, hence this functionality is working properly

1.5.4 Module 4 — TEST CASE 4

1. Sort Books : Decreasing order of price

The screenshot shows a Mozilla Firefox browser window with multiple tabs open. The active tab displays a website titled "RePurchasables" with a search bar and a dropdown menu set to "Price Rs High to Low". Below the search bar, there are three ads listed:

- Harry Potter Book** by J.K. Rowling, Price: 1000, New, Phone: 7508211334
- HC Verma Concepts of Physics**, Price: 500, New, Phone: 7508211334
- DATA STRUCTURES AND ALGORITHMS IN JAVA** by A. K. Sharma, Price: 200, Good book to start Data Structures And Algorithms Its S more book, Phone: 788807726

The URL in the address bar is 10.1.1.19/~2015CSB1032/all-classifieds.php?category=Books&name=&sortby=Price%3

Note that the ads are being ordered in decreasing order of price, hence this functionality is working properly

This completes MODULE 4 testing successfully.
We conclude with out unit level tests and move to the system level tests.

2 System Testing

We will create 2 test system level test cases.

2.1 System level — TEST CASE 1

Testing Module 1, 2 and 3 together. We will first register a user (module 1), then post an ad (module 3), then delete the account (module 2). The databases will remain at the state as it is. The user and the ads added would be deleted.

Creating account

1. Name : USER
2. Email : user@k.com
3. Phone No . : 1234567890
4. Password : 123456tT
5. Confirm Password :123456tT

Successfully USER account gets created.

Now posting a Ad of a cricket ball.The screen shot show that Ads are posted.

The screenshot shows the phpMyAdmin interface for the 'repurads' database. The 'repurads' table is selected, displaying a list of ads. One specific row for a 'Cricket Ball' is highlighted. The table structure includes columns for ID, Name, Description, Price, Condition, User, and Date. The highlighted row has the following values:

ID	Name	Description	Price	Condition	User	Date
1	Cricket Ball	100 3 weeks old	USER	In good condition	A K S TEJA	999999999 user@k.com

10.1.1.19 / localhost / lab / repurchasablelogin | phpMyAdmin 4.0.10deb1 - Mozilla Firefox

Course: Introduction... | Inbox - 2015csb1... | CSP203 - Google... | RePurchasable... | Cricket Ball - Go... | 10.1.1.19 / local... | 10.1.1.19 / local... | +

10.1.1.19/phpmyadmin/sql.php?server=1&db=lab&table=repurchasablelogin&pos=0&token=143c0df2e432

Server: localhost | Database: lab | Table: repurchasablelogin

Browse Structure SQL Search Insert Export Import Operations Tracking

Sort by key: PRIMARY (Ascending)

+ Options

	name	email	password	number
<input type="checkbox"/>	Edit Copy Delete A K S TEJA	2015csb1005@iitpr.ac.in	\$1\$RAZVjhxEeebe5dYpZo.d59GYAYRA1	9888927268
<input type="checkbox"/>	Edit Copy Delete Eeshaan Sharma	2015csb1011@iitpr.ac.in	\$1\$iz.dPLfY5jmcXmU4xckduyEv9ctY1	9999047720
<input type="checkbox"/>	Edit Copy Delete Himanshu	2015csb1013@iitpr.ac.in	\$1\$YBLRAEP5Ag2mHBBZrt.2wp1ChEp71	7508211334
<input type="checkbox"/>	Edit Copy Delete Shivam	2015csb1032@iitpr.ac.in	\$1\$cvF3kaUq6sTlQVzKgnWIAvg5VfM1	9899461223
<input type="checkbox"/>	Edit Copy Delete Aditya	adi@gmail.com	\$1\$Mrzf3QKj.SwU/xK6TnHEZ5Bm83GFC0	7307382155
<input type="checkbox"/>	Edit Copy Delete Alok	alokkiran777@gmail.com	\$1\$xiqOfxDSLuFn.r8Yf3GcaGfItpKP1	7752962009
<input type="checkbox"/>	Edit Copy Delete qm	bsq@bs.in	\$1\$OZfkwshe\$B7849.gxpQfH0dBekm1	2222222222222222
<input type="checkbox"/>	Edit Copy Delete guessit	guessme@guesme.com	\$1\$Bpu2g2sGOv8qvW66URvekXzbh1	7777777777
<input type="checkbox"/>	Edit Copy Delete hutya bandi	hutya@hutya.com	\$1\$LxJQpNXHS1aj.DhfhshsGcUkWBTK6Pez.	123456789
<input type="checkbox"/>	Edit Copy Delete MANISH	manishkumar5603@gmail.com	\$1\$je4dHhsSQwdl04xluorjxtiarwAc.	9779995727
<input type="checkbox"/>	Edit Copy Delete Shikhar Jaiswal	shikherjaiswal@gmail.com	\$1\$bCwNEjSFbvN/jjojCArbQoyFk/T1	9779995466
<input type="checkbox"/>	Edit Copy Delete USER	user@k.com	\$1\$V0Q2fwqg5CIwphJHnxU7zpmKw01	5555555555
<input type="checkbox"/>	Edit Copy Delete Vinit	vinitkothawade9@gmail.com	\$1\$bfqfs9wUsbwebz.9fbOIrylmNtqWWNO	9881475231

Check All With selected: Export rows

Show: Start row: 0 Number of rows: 30 Headers every 100 rows

Query results operations

Bookmark this SQL query

Now Deleting USER Account.

10.1.1.19 / localhost / lab / repurards | phpMyAdmin 4.0.10deb1 - Mozilla Firefox

CSP203_2016... | CSP_203 LAB... | CSP203 - Google... | login | Cricket Ball - Go... | 10.1.1.19 / local... | 10.1.1.19 / local... | YouTube | +

10.1.1.19/phpmyadmin/index.php?db=lab&table=repurards&target=<sql.php&token=20a5de031bb679e5c1

Server: localhost | Database: lab | Table: repurards

Browse Structure SQL Search Insert Export Import Operations Tracking

+ Options

	name	email	password	number
<input type="checkbox"/>	Edit Copy Delete Books	Harry Potter Novel	1000 New	Himanshu
<input type="checkbox"/>	Edit Copy Delete Books	HC Verma	500 New	Himanshu
<input type="checkbox"/>	Edit Copy Delete Electronics and Appliances	Calsio FX-82MS Scientific Calculator	300 10 births old in good condition highly useful in...	A K S TEJA
<input type="checkbox"/>	Edit Copy Delete Electronics and Appliances	Logitech Wireless HeadSet	1500 5 months old	A K S TEJA
<input type="checkbox"/>	Edit Copy Delete Electronics and Appliances	Pendrive	400 HP 16 GB USB 2.0 5 months old	A K S TEJA
<input type="checkbox"/>	Edit Copy Delete Fashion	Tshirt	500 New	Himanshu
<input type="checkbox"/>	Edit Copy Delete Furniture	Sofa	4000 New	Himanshu
<input type="checkbox"/>	Edit Copy Delete Mobiles	Galaxy S8	60000 New	Himanshu
<input type="checkbox"/>	Edit Copy Delete Mobiles	Iphone Red+	75000 New	Himanshu
<input type="checkbox"/>	Edit Copy Delete Mobiles	Samsung Galaxy C7 Pro (Navy Blue, 64GB)	25000 5 months old	A K S TEJA
<input type="checkbox"/>	Edit Copy Delete Sports	3Tennis Balls	100 In good condition 1 week old	A K S TEJA
<input type="checkbox"/>	Edit Copy Delete Sports	Cricket Bat	8000 New	Himanshu

Check All With selected: Export rows

Show: Start row: 0 Number of rows: 30 Headers every 100 rows

Query results operations

	name	email	password	number
<input type="checkbox"/>	Edit	Copy	Delete	A K S TEJA
2015csb1005@iitrpr.ac.in	\$1\$RAZVjhU\$eebe5d1YPzo.d59GYAYRA1	9888927268		
<input type="checkbox"/>	Edit	Copy	Delete	Eeshaan Sharma
2015csb1011@iitrpr.ac.in	\$1\$iz.dPLfy\$jmckXmU4xckduygEv9cLYl1	9999047720		
<input type="checkbox"/>	Edit	Copy	Delete	Himanshu
2015csb1013@iitrpr.ac.in	\$1\$Y8YLUAEPSAg2mhHBZt.zwpICnEp71	7508211334		
<input type="checkbox"/>	Edit	Copy	Delete	Shivam
2015csb1032@iitrpr.ac.in	\$1\$cVF3kaUq\$eTsiQzKGNW/Agy5VfJM1	9899461223		
<input type="checkbox"/>	Edit	Copy	Delete	Aditya
adi@gmail.com	\$1\$MMrJ3QKSw6/XkTnHEZSbm83GFC0	7307382155		
<input type="checkbox"/>	Edit	Copy	Delete	Alok
alokkiran777@gmail.com	\$1\$xiq0fxDWSLuFon.8Yf3GcaGfTpKP1	7752962009		
<input type="checkbox"/>	Edit	Copy	Delete	qw
bs@bs.in	\$1\$Ozrfkw5he\$irBZ749.gxpQHcH0Bekm0	2222222222222222		
<input type="checkbox"/>	Edit	Copy	Delete	guesst
guessme@guesstme.com	\$1\$BPBu2g02SGOV80wvE6U/RvekXdbZBH1	7777777777		
<input type="checkbox"/>	Edit	Copy	Delete	MANISH
manishkumar5603@gmail.com	\$1\$jR4hHs\$QwdlO4xlrjYTiarWaC.	9779995727		
<input type="checkbox"/>	Edit	Copy	Delete	Shikhar jaiswal
shikherjaiswal@gmail.com	\$1\$byCWnEjSFByN/jolAnhoyFek/T1	9779995466		
<input type="checkbox"/>	Edit	Copy	Delete	Vinit
vinitkothawade98@gmail.com	\$1\$tbfqf59wU\$Swebz.9fbOIrylmNtqWWN0	9881475231		

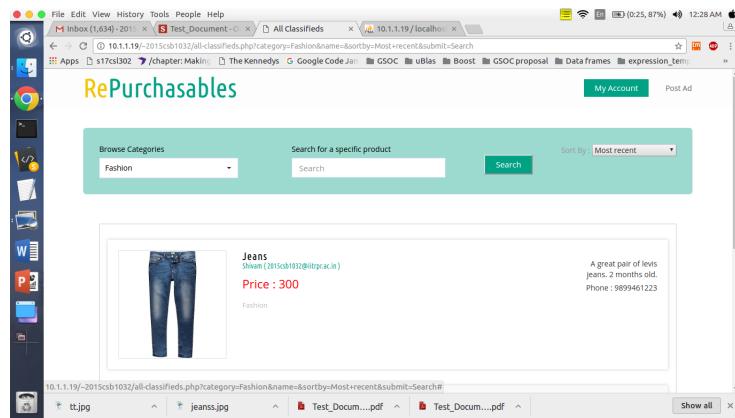
The above screenshots show that USER as well as the Ads posted by him are deleted. The system level test passed successfully.

2.2 System level — TEST CASE 2

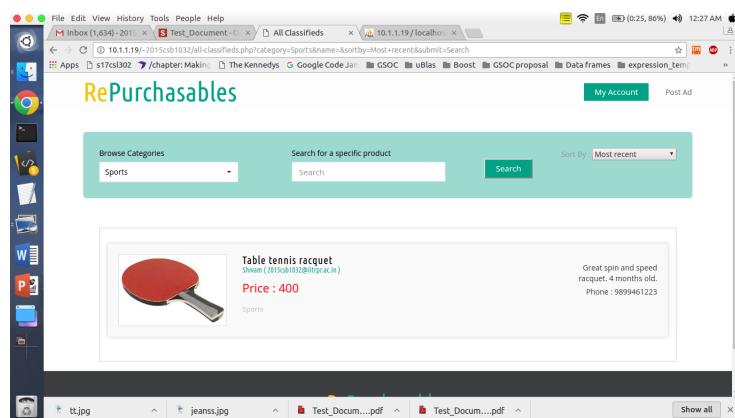
Testing Module 3 and 4 together. We will post some ads in different categories and then search ads by categories, the results should be refined according to category.

Posting ads We posted two ads, one for a pair of jeans in fashion category. Another ad is posted for a table tennis racquet in sports category.

Searching by category sport



Searching by category fashion



Only those ads were displayed which were of that category. Hence, this system level test passed successfully.

Hence system testing is successfully completed and thereby completing the testing of our application.