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Integrated Campus

Test Cases_Increment 2_v1.1

Group 2

INTEGRATED CAMPUS | SEN-Winter 2013

Revision History:

Version	Primary Author(s)	Description of version	Reviewed By	Date Completed
v1.1	Anubhav Maity	This document 2 nd version consist of the test cases of increment 2	Nalin Patidar	24/03/13

Test Case 01:- Login

Test Case ID: TC-01

Test Case Name: Login

Function Being Tested:

User enters Username and password to get login and use the Software.

Initial System State:

User is on the login page.

Steps:

1. Enter user ID

2. Enter password

3. Click login

Priority:

Middle

Test effort:

Test Data:
invalid,

Username = {valid, invalid, empty} Password = {valid,
Empty}

Input and Expected Output:

Input

All valid data.
Some or all invalid data.
Some or all empty data.

Expected Output

User is logged in.
Error message displaying mismatch of fields
User is prompted to enter the empty fields
Again.

Test Case 02:- Logout

Test Case ID: TC-02

Test Case Name: Logout

Function Being Tested: User is logged out from the website.

Initial System State: User is logged in.

Steps: Click on the logout link which is available at the top right corner Of drop-down menu of the user name on each page.

Test Data: -----

Input and Expected Output:	Input	Expected Output
	User clicks on logout	User is logged out from the website.

Test Case 03 :- Change Password

Test Case ID: TC-03

Test Case Name: change password

Function Being Tested: Change the existing password.

Initial System State: User must be logged in.

Steps:

1. After logged in click the change password button.
2. Fill old, new and confirm password.
3. Press OK button.
4. Return to homepage verifies that your password is changed.

Test Data: Old password= {Valid, invalid, empty} New password= {null, not null}
Confirm password= {valid, invalid, and empty}.

Input and Expected Output:	Input	Expected Output
	Invalid or empty username	User prompted to re-enter all the fields
	Valid Username, Old password, New Password	Old password gets
	Password, correct confirm Password	New Password
	Valid Username, Old	

Password; New Password & confirm Password do not match	User prompted to re-enter
Invalid Old Password.	User prompted to re-enter all the fields

Test Case 04:- Access course material

Test Case ID: TC-04

Test Case Name: Access course material

Function Being Tested: User can view and download course material.

Initial System State: User must be logged in and should be in a course profile.

Steps:

1. Clicks on the course material tab.
2. Clicks on the required file to view or download.

Test Data: -----

Input and Expected Output:

Input

Expected Output

User clicks on a file

File is opened in another tab of the browser

Test Case 05:- View attendance(Student)

Test Case ID: TC-05

Test Case Name: View attendance(Student)

Function Being Tested: Students can view their own attendance of each and every course .

Initial System State: Student must be logged in and should be in a course profile

Steps:

1. Clicks on the attendance tab of a particular date.
2. Attendance will be viewed according to dates.

Test Data: -----

Input and Expected Output:	Input	Expected Output
	Student clicks on the attendance tab.	Attendance in the lab, lecture and Of a particular date tutorial is viewed of the selected Course.

Test Case 06:- Forgot Password

Test Case ID: TC-06

Test Case Name: Password recovery

Function Being Tested: Users can recover their own password.

Initial System State: User has to be registered and should be on the login page.

Steps:

1. User selects the option forgot password.
2. User enters his/her username
3. Click Submit.

Test Data: Username={valid, invalid, empty}

Input and Expected Output:	Input	Expected Output
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Valid Username	Password is changed
Invalid Username Empty Username	Show that it is invalid Prompted to fill up again

Test Case 07:- Respond poll.(Student)

Test Case ID: TC-07

Test Case Name: Respond Poll

Function Being Tested: Student can click on an option out of the various option available for a question and submit his answer.

Initial System State: Student has to be Logged in via his/her account and should be on a Course profile.

Steps:

1. Student selects the course.
2. Student selects the poll tab.
3. Respond to the poll if the instructor has posted a poll.

Test Data: -----

Input and Expected Output:	Input	Expected Output
	Student click on an option.	Her/his answer is recorded.
	Student already answered the poll	She/He can't answer the poll again

Test Case 08:- Input Attendance(Faculty)

Test Case ID: TC-08

Test Case Name: Input attendance

Function Being Tested: Faculty and TA can upload attendance of students.

Initial System State: Faculty and TA have to be Logged in via his/her account.

Steps:

1. Faculty and TA selects the course.
1. Faculty and TA select Attendance tab provided on the course page.
2. Faculty and TA select the students and type(lecture/lab/tutorial)
3. Click on present/absent tab
4. Faculty and TA selects the date from the calendar
5. Faculty and TA submit the attendance of students.

Test Data: -----

Input and Expected Output:

Input

Expected Output

Faculty and TA input attendance	Attendance file of that date is seen on the Tab.
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Test Case 09:- View Attendance(faculty)

Test Case ID: TC-09

Test Case Name: Attendance faculty

Function Being Tested: Faculty can view attendance of her/his students.

Initial System State: Faculty has to be logged in via his/her account and be in course profile.

Steps:

1. Faculty selects the attendance tab on the selected course page
2. Faculty views the attendance of a particular date.
3. Views the attendance of all the students who has taken her/his course(viewed in two columns-one present and one absent column)
4. Low attendance will be

highlighted.

Test Data: -----

Input and Expected Output:

Input

Expected Output

Clicks on attendance of a Particular date.

Attendance visible.

Test Case 10:- Creating a poll

Test Case ID: TC-10

Test Case Name: Poll Tab

Function Being Tested: Faculty can create a poll of a course.

Initial System State: Faculty should be logged in and should be in selected course page.

Steps:

1. Faculty clicks on poll tab of the selected course.
2. Faculty clicks create poll.
3. Enters the topic and the options of the poll.

Test Data: {Text}

Input and Expected Output:

Input

Expected Output

empty
text

Invalid
Valid

Test Case 11:- Upload course material

Test Case ID: TC-11

Test Case Name: Upload course material

Function Being Tested: Faculty can upload course material

Initial System State: Faculty must be logged in and should be in a course profile.

Steps:

1. Clicks on the course material tab.
2. Clicks on the upload file button.
3. Clicks on the choose file button and chooses the

file

4. Types the name of the file
5. Clicks on the upload button to upload the file or aborts the process by clicking on close button.

Test Data:

Input and Expected Output:

Input

Expected Output

User clicks on upload

File is uploaded and is visible on the course material window tab.

Test Case 12:- SEND SMS

Test Case ID: TC-12

Test Case Name: Send sms

Function Being Tested: Faculty can send sms to the parents of students, whose attendance is low

Initial System State: Faculty must be logged in and should be in a course profile.

Steps:

1. Clicks on the attendance tab
2. Fills up the form with student id and message.
3. Clicks on send to send the sms to the

parents	Test Data: -----	
Input and Expected Output:	Input	Expected Output
	User clicks on send	Message is sent to the concerned parent

Test Case 13:- Previous Courses (Student)

Test Case ID: TC-13

Test Case Name:Previous Courses(Student)

Function Being Tested: Student can view the previous courses.

Initial System State: Student has to be looged in.

Steps:

1. Student clicks on Pevious course tab.
2. Student can view the materials of the available previous courses by clicking on the avilable course

Test Data: -----

Input and Expected Output:	Input	Expected Output
	Click on the previous corses	List of all the previous courses

Test Case 14:- Previous Courses (Faculty)

Test Case ID: TC-14

Test Case Name:Previous Courses(Faculty)

Function Being Tested: Faculty can view the previous courses.

Initial System State: Faculty has to be logged in.

Steps:

1. Faculty clicks on Previous course tab.
2. Faculty can view the course material same as the way as student
3. She/He can delete the course material.

Test Data: -----

Input and Expected Output:

Input

Expected Output

Click on the previous courses List of all the previous courses

Test Case 15:- Add Course(Admin)

Test Case ID: TC-15

Test Case Name: Add Course

Function Being Tested: The admin can add course.

Initial System State: Admin has to be logged in.

Steps:

1. Admin clicks on the add course tab.
2. Admin fills up the fields(CourseId, Course Type, Course Name, Credit)
3. Clicks on submit

Test Data: {Text}

Input and Expected Output:	Input	Expected Output
accepted	Any empty field found Otherwise	Prompted again to fill up. Form

Test Case 16:- Add Student

Test Case ID: TC-16

Test Case Name: Add Student

Function Being Tested: Admin can add students to the academics of the institution.

Initial System State: Admin has to be Logged in via his/her account.

Steps:

1. Admin clicks on the add student tab.
2. Admin fills up the fields(StudentId, StudentName, EmailId, Password, Contact No, Gender, DOB, Parent Contact, Batch, ProgId)
3. Clicks on submit.

Test Data: {Text}

Input and Expected Output:

Input

Expected Output

again.

Any field empty

Prompted to type

Otherwise

Form accepted

Test Case 17:- Add faculty

Test Case ID: TC-17

Test Case Name: Adding faculty

Function Being Tested: Admin can add faculty.

Initial System State: Admin has to be Logged in via his/her account.

Steps:

1. Admin clicks on the ADD FACULTY tab.
2. Admin fills up the fields(FacultyId, FacultyName, EmailId, Password, Contact no., gender, DOB, faculty block no)
3. Faculty clicks on submit.

Test Data: {Text}

Input and Expected Output:	Input	Expected Output
	Any empty field Otherwise	Prompted to type again. Form accepted

Test Case 18:- Add TA

Test Case ID: TC-18

Test Case Name: Add new TA.

Function Being Tested: Admin can add TA for a particular course.

Initial System State: Admin has to be logged in

Steps:

1. Admin selects the 'add new TA' tab.
2. Enter the corresponding fields(User Id, CourseId, Sem_Type, facultyId)
3. Admin clicks on submit.

Test Data: Text

Input and Expected Output:

Input

Expected Output

Any empty fields
Otherwise

Prompted to type again.
Form

accepted

Test Case 19:- Offer courses

Test Case ID: TC-19

Test Case Name: Offer courses

Function Being Tested: Admin add details of offered courses.

Initial System State: Admin has to be Logged in .

Steps:

1. Admin selects the 'Courses offered' tab.
2. Fill up the fields(CourseId, Year, FacultyId, Sem_type)
3. Clicks on submit.

Test Data: Text

Input and Expected Output:	Input	Expected Output
	Any empty field	Prompted to fill again
	Otherwise	Form accepted

Test Case 20:- Register Students

Test Case ID: TC-20

Test Case Name: Register Students

Function Being Tested: Admin add students for a particular course.

Initial System State: Admin has to be logged in via his/her account .

Steps:

1. Admin clicks on the Register Students tab.
2. Admin fills up the fields(UserId, CoureId, Year, Sem_Type)

3. Admin clicks on submit.

Test Data: {Text}

Input and Expected Output:

Input

Expected Output

Any empty field

Prompted to type again.

Test Case 21:- NOTIFICATION

Test Case ID: TC-21

Test Case Name: notification

Function Being Tested: Notifications about all the updates concerning the acads will be displayed at right side of the panel

Initial System State: User must be logged in.

Steps:

1. To view a notification just click on it.
2. Another tab will open mentioning the notification

Test Data: -----

Input and Expected Output:

Input

Expected Output

User clicks on a notification tab Notification displayed in a new

Test Case 22:- View TimeTable

Test Case ID: TC-22

Test Case Name: TimeTable

Function Being Tested: Timings of the lectures, labs and tutorials of the user should be visible in a tabular format in the Time Table tab

Initial System State: User must be logged in.

Steps:

1. Click on the TimeTable tab
2. A timetable will be visible

Test Data: -----

Input and Expected Output:

Input

Expected Output

User clicks on the timetable tab TimeTable will be visible

Test Case 23:- Starting a thread in the discussion forum

Test Case ID: TC-23

Test Case Name: Discussion forum topic

Function Being Tested: Student can start a topic and every one can access it.

Initial System State: Student has to be Logged in via his/her account and should be on a course Page.

Steps:

1. Student clicks the forum tab and can start a thread.
2. Student enters the topic of the thread.

Test Data: {Text}

Input and Expected Output:

Input

Expected Output

Empty

Invalid

Text

Valid

Test Case 24:- Giving a response in the thread of the discussion forum

Test Case ID: TC-24

Test Case Name: Posting a comment.

Function Being Tested: Users(student/faculty) can post a comment on the topics.

Initial System State: Users has to be Logged in via his/her account and has to be in Discussion forum tab.

Steps:
1 User has to select the topic.
2.. User can give responses in text.

Test Data: {Text}

Input and Expected

Output:

Input

Expected

Empty

Prompted again to write.

Text

Visible to

others.

Test Case 25:- Delete a response.

Test Case ID: TC-25

Test Case Name: Deletes a response

Function Being Tested:

Student can delete his own response.
Faculty can delete any response.

Initial System State:

Student/faculty has to be Logged in via his/her account and should be In the discussion forum.

Steps:

1. User selects forum tab on the selected page.
2. User can remove her/his own response provided she/he is student.
3. User can remove any response provided she/he is faculty.

Test Data:

Input and Expected Output:

Input

Expected Output

Student deletes his/her own response	Response is not visible in Forum.
Faculty deletes any response.	Response is not visible in Forum.
student deletes any other response	not authorised for such

action

Test Case 26:- Automatic notification update

Test Case ID: TC-26

Test Case Name: Automatic notification update

Function Being Tested:

Notification are updated timely.

Initial System State:

User should be logged in.

Steps:

1. Notification visible on right panel.
2. Notification will be viewed by clicking on it.
3. Notification will be timely updated.

Test Data:

Input and Expected Output:

Input

Expected Output

Faculty updates information

Notification viewed on the right panel
without reloading.

Student clicks on notification.

Information related to the notification
will be visible on the website.

Test Case 27:- Add TimeTable(Admin)

Test Case ID: TC-27

Test Case Name: Add TimeTable

Function Being Tested: TimeTable will be added by admin and personalized TimeTable will be visible by users

Initial System State: Admin should be logged in.

Steps:

1. Admin will click on TimeTable
2. Admin will fill up the fields(CourseId,Start time,end time, type)
3. Admin will click on submit

Test Data: {Text}

Input and Expected Output:	Input	Expected Output
	Admin fills up the field and submits	Personalized TimeTable will be viewed

Test Case 28:- Update TimeTable(Faculty)

Test Case ID: TC-28

Test Case Name: Update Time Table

Function Being Tested: Faculty will update the timings of the lectures.

Initial System State: Faculty should be logged in.

Steps:

1. Faculty will click on edit Time Table
2. Faculty will update the fields(CourseId,Start time,end time, type)
3. Faculty will click on submit

Test Data: {Text}

Input and Expected Output:

Input

Expected Output

Faculty fills update field and submits Personalized timetable will be viewed

