



Wisdom Universe - Online Institute Management System

ITP2021_S2_B01_G10

Y2.S2.WD.IT.01

Testing Activity

Registration No	Name
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IT20043650	Dahanayake U.S
IT20032388	Zihara M.I.F
IT20216696	Mahavithana D.G.D

Group ID: ITP2021_S2_B01_G10	
Project title: Online Institute Management System for Wisdom Universe	
Testing Function 1: Test the Notices Uploading Function in the Notices Management.	
Test case ID: NM_001	Test designed by: Reg. No- IT20054922 Name- Samarawickrama H.M Reg. No- IT20025908 Name- Abineshh U Reg. No- IT20022938 Name- Karunarathne H.H.M
Test priority (High/Medium/Low): High	
Test Description: Verify whether all the fields (Title of the Notice, Notice, Uploader's Name, Date) in Notices Upload Form required to be filled.	

Preconditions (if there are any): login as admin/instructor Fill all the fields of the form of uploading.
Dependencies (if there are any):

Test steps:
Click the 'Admin Notice' tab in navigation bar. It Redirect to the Admin view page of Notices. Click the button called as 'UPLOAD A NEW NOTICE' in eth end of the page. You are redirected to the page which have the uploading form. In the 'Title of the Notice' field, enter the title of the notice. In the 'Notice' field, enter the notice. In the 'Uploader Name' field, enter the uploader's name. In the 'Date' field, enter the current date. Click the 'upload' button.

Pass-condition: System displays alert message 'successfully notices were uploaded'.

Test executed Group ID: ITP2021_S2_B01_G12

Test Executed members details:

Reg. No- IT20077488

Name- Risina Rasmith R. K. A

Reg. No- IT20012106

Name- De Silva H.L.D.P.

Reg. No- IT20385064

Name- Abeywickrama C.P.

Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments
NM_001	Title of Notice: Exams Notice: A Quiz will be published for mathematics tomorrow. Uploader Name: Mr. Sumith Date: 09/08/2021	Display an alert message "successfully Notices were uploaded"	Display an alert message "successfully Notices were uploaded"	Pass	System is working properly.
NM_001	Title of Notice: Exams Notice: A Quiz will be postponed for mathematics tomorrow. Uploader Name: Mr. Sumith	Display error message "Please Fill the date field" near to the Date field.	Display error message "Please Fill the date field" near to the Date field.	Pass	Form Validations are working properly.

Testing Function 2: Upload Reference Book to the resource page in Resource Management

Test case ID : RM_001

Test designed by:

Reg. No- IT20015794

Name- Senarath G.L.C.C.S.

Reg. No- IT20032388

Name- Zihara M.I.F

Test priority (High/Medium/Low): High

Test Description:

Upload a reference book into resource page with valid document type

Preconditions (if there are any): User must log in to the system as admin

Dependencies (if there are any):

Test steps:

1. Navigate to the Available resources page
2. Click "Add reference book" button
3. Fill all the details about the book
4. Click on the upload area
5. Select a file from the device
6. Click "Upload" button

Pass-condition:

Navigate to the "Available Resources" page and display the newly added record on the top of the reference books table

Test executed Group ID: ITP2021_S2_B01_G12

Test Executed members details:

Reg. No- IT20105198

Name- A.S.Weththasinghe

Reg. No- IT20142896

Name- Chamindu Hansana K.G.

Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments
RM_001	Subject: physics Title: Heat Author: Prof.Rosa Edition: 1 File: Heat.pdf	Navigate to the “Available resources” page and display the added record	Navigate to the “Available resources” page and display the added record	Pass	Function is working properly
RM_001	Subject: Biology Title: Microbiology Author: Prof.Ariyaratne Edition: 2 File: image.jpg	Display a warning message “only upload files with .pdf,.doc,.xsl formats”	Display a warning message “only upload files with .pdf,.doc,.xsl formats”	Pass	Validation is working properly

Group ID : ITP2021_S2_B01_G10	
Project title: 'Wisdom Universe' institute management system	
<u>Testing Function 3:</u> Test the student registration component of the student management function	
Test case ID : ST_001	Test designed by: Reg. No- IT20002138 Name- Jayasiri K.C.N Reg. No- IT20216696 Name- Mahavithana D.G.D Reg. No- IT20043650 Name- Dahanayake U.S
Test priority (High/Medium/Low): High	
Test Description: Verify input details and send activation email to activate the student account when details are valid.	

Preconditions (if there are any):
Dependencies (if there are any):

Test steps:
<ol style="list-style-type: none"> 1. Navigate to the "student registration "page. 2. In the 'First Name' field, enter the first name of the student. 3. In the 'Last Name' field, enter the last name of the student. 4. In the 'Email' field, enter a unique and valid email address. 5. In the 'NIC' field, enter the NIC of the student. 6. In the 'Address' field, enter the address of the student. 7. In the 'Telephone' filed, enter a telephone number with 10 digits or 11digits with + sign. 8. In the 'Gender' field, select the gender of the student. 9. In the 'Password' field, enter a password which has at least 6 characters. 10. In the 'Retype password' field, retype the password which entered in the password field. 11. Click "Register" button.

Pass-condition:

Success message showing “Registration successful! please activate your email to login” and email is sent to the user.

Test executed Group ID: ITP2021_S2_B01_G12

Test Executed members details:

Reg. No- IT20021566

Name- Seran M.N.

Reg. No- IT20154080

Name- Dayarathna H.R.N.C

Reg. No- IT20148386

Name- A.I.R Hettiarachchi

Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments
ST_001	First Name: Charith Last Name: Fernando Email: charithf@gmail.com NIC: 990023456V Address: Kandy Phone: 0712233765 Gender: Male Password: 123asd Retype-password: 123asd	Success message showing “Registration successful! please activate your email to login” and email is sent to the user.	Success message showing “Registration successful! please activate your email to login” and email is sent to the user.	pass	Function is working properly

ST_001	First Name: Kasuni Last Name: Herath Email: kasuni@g NIC:991234589V Address: Kegalle Phone: 0351299809 Gender: Female Password: 123456 Retype-password: 123456	Error message showing "please enter a valid email address."	Error message showing "please enter a valid email address."	pass	Validation is working properly
ST_001	First Name: Supun Last Name: Buddhika Email: supunb@gmail.com NIC:200032456v Address: Kandy Phone: 0772133900 Gender: Male Password: 123 Retype-password:123	Error message showing "password must be at least 6 characters"	Error message showing "password must be at least 6 characters"	pass	Validation is working properly

Testing Function 3: Student Management

Logic in Interfaces	Validation and proper error messages	Connected to the database	Easy to use, User friendliness,	Easy navigation	Function is complete (%)
1. UI is properly managed. 2. It is better if the form contains labels for input fields in the registration form. 3. validation messages are properly shown.	1. No validation messages for NIC field in the registration form. 2. Other validation messages are properly shown.	There is proper connection to the database. CRUD functions run properly.	1. function is user friendly. 2. user friendly error and success messages 3. easy to enter, update and delete data.	1. Navigation is easy. Buttons and dropdown navigations work properly.	Overall function is fully completed. Registration, login, reset password, profile management included. Has proper access controlling to the pages.