Test Case

1. **Unit test**

| No	Title	Pre-Conditions	Test Steps	Expected Result	Actual Result
1.1	News and events.	Login first	Open the News and events page.	Opening the page.	Opening Successfully.
1.2	Programs	Login first	Select the program from admission option.	Opening the page.	Open Successfully.
1.3	Success stories	Login first	Mouse hover on alumni and click success stories	Open the success stories page.	Open perfectly.
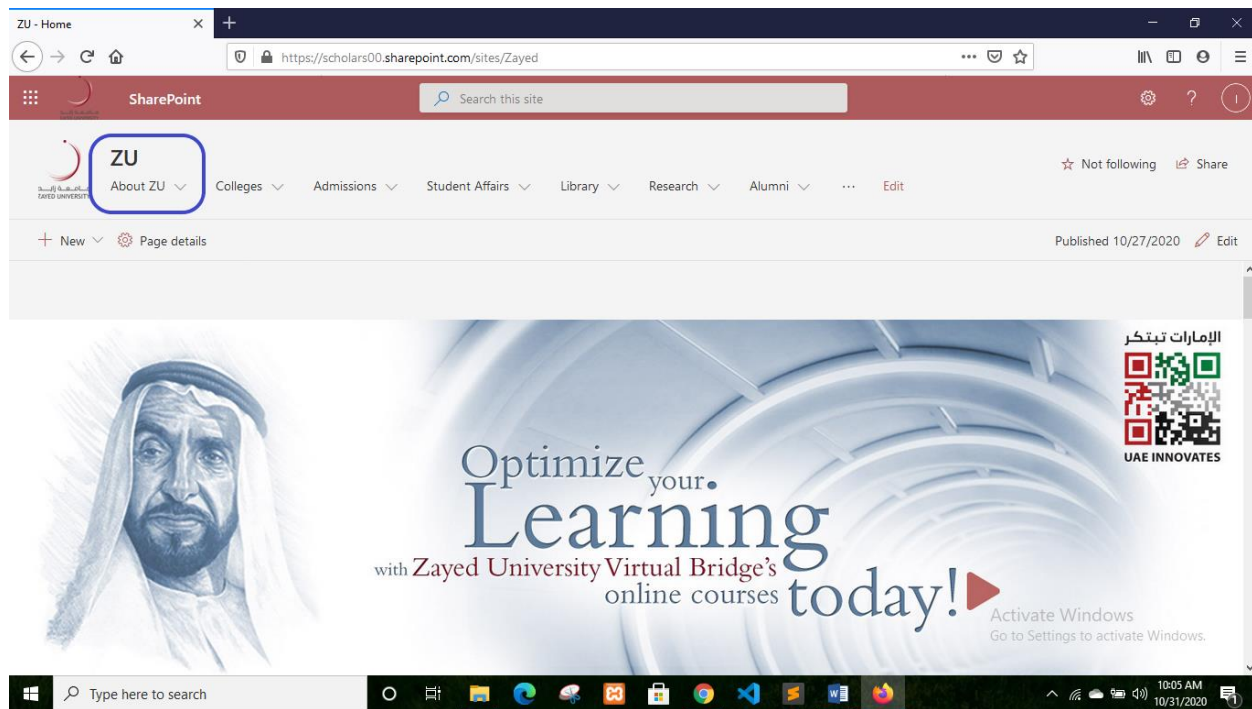
Figure 1.1: About ZU
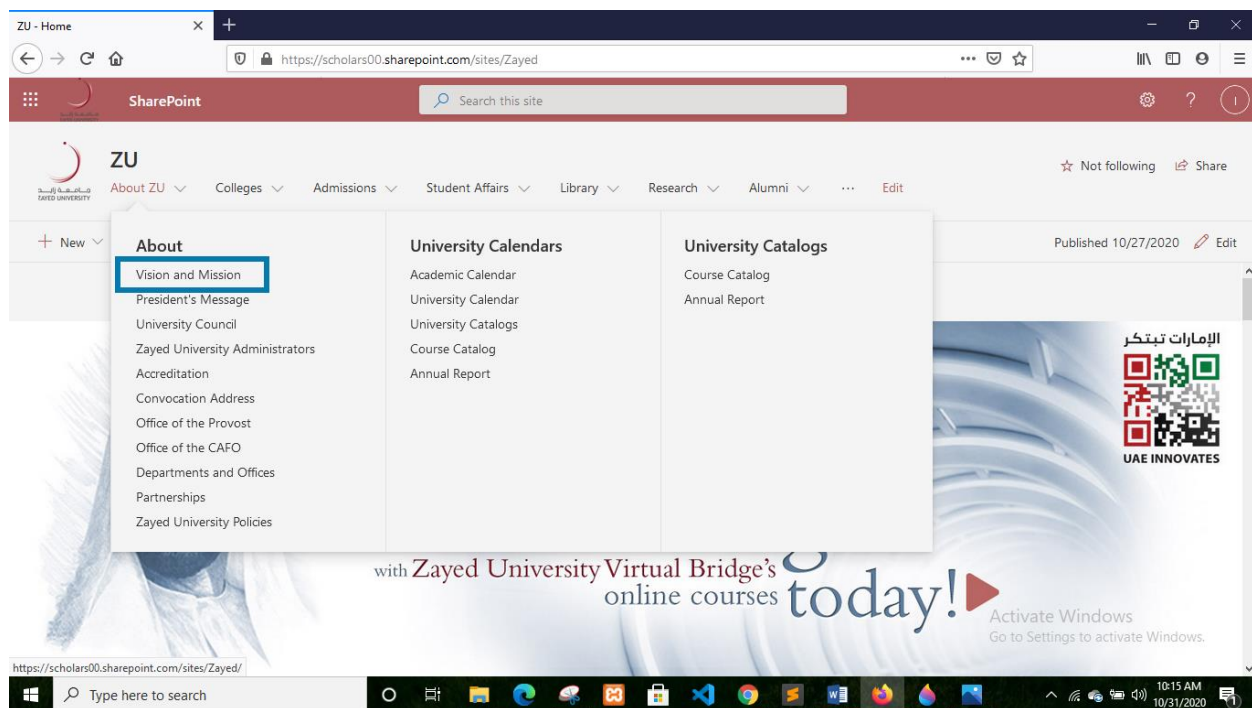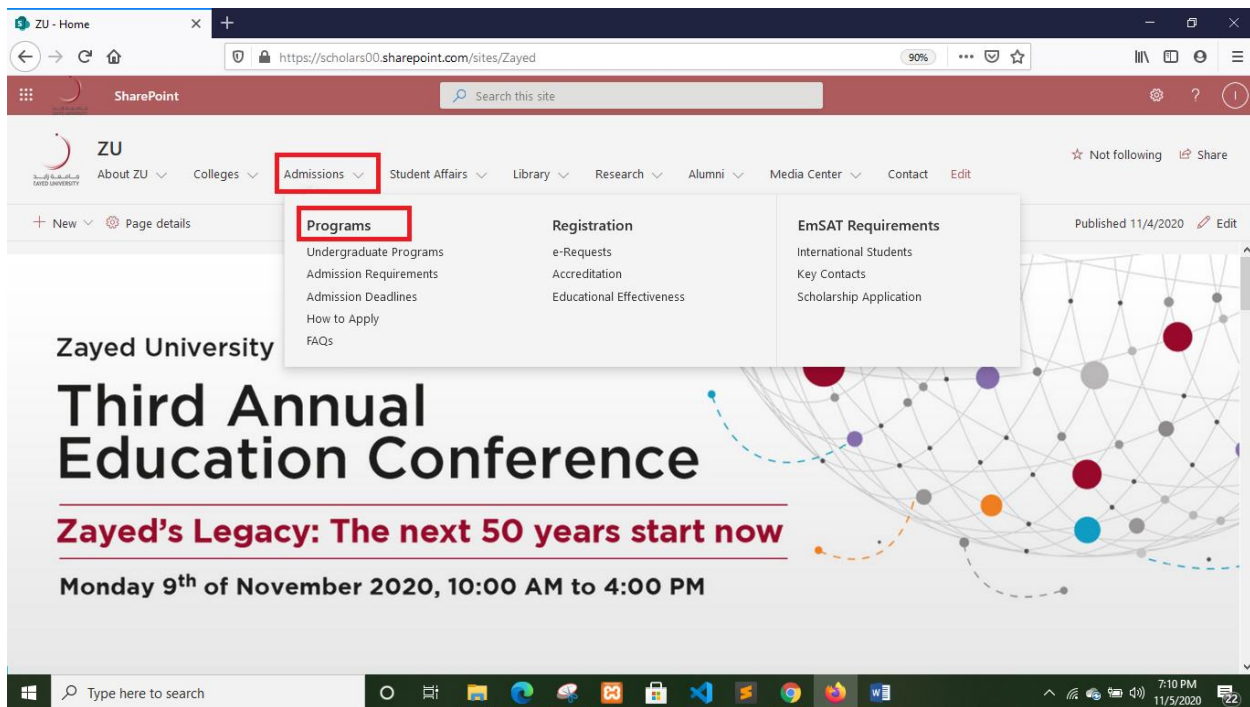

Figure1.1: Vision and mission

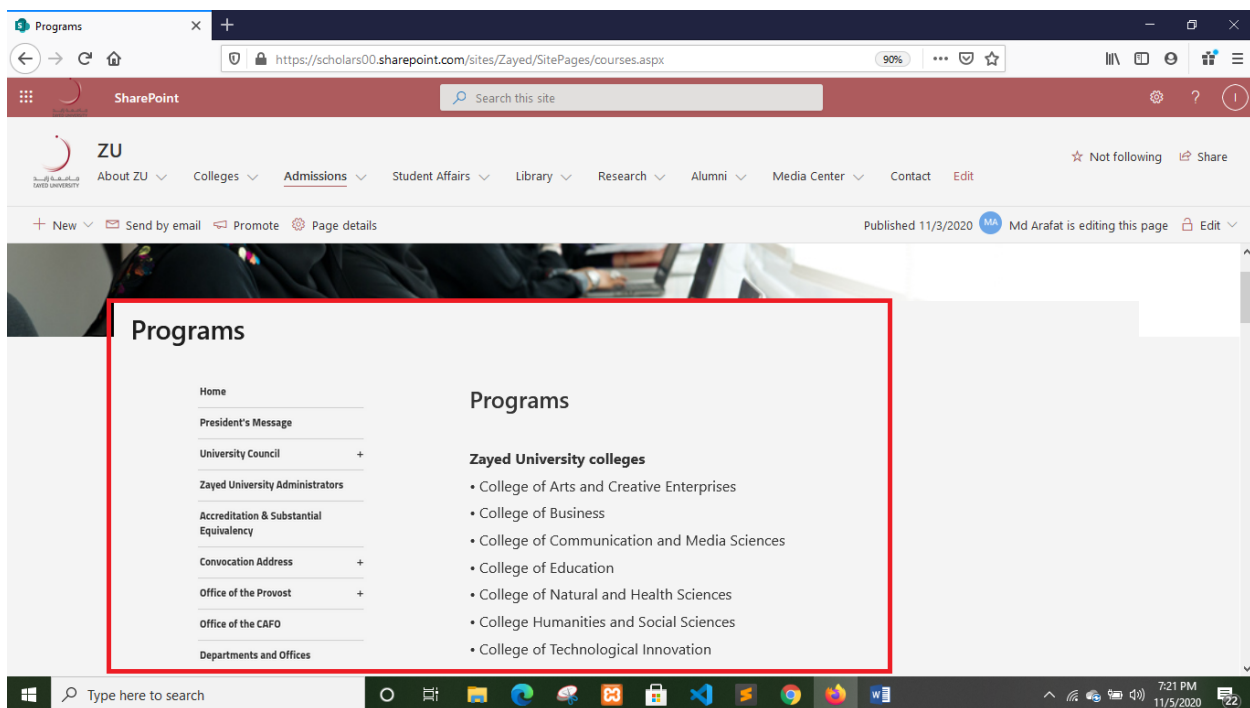**Figure1.2: Admission and select program.**

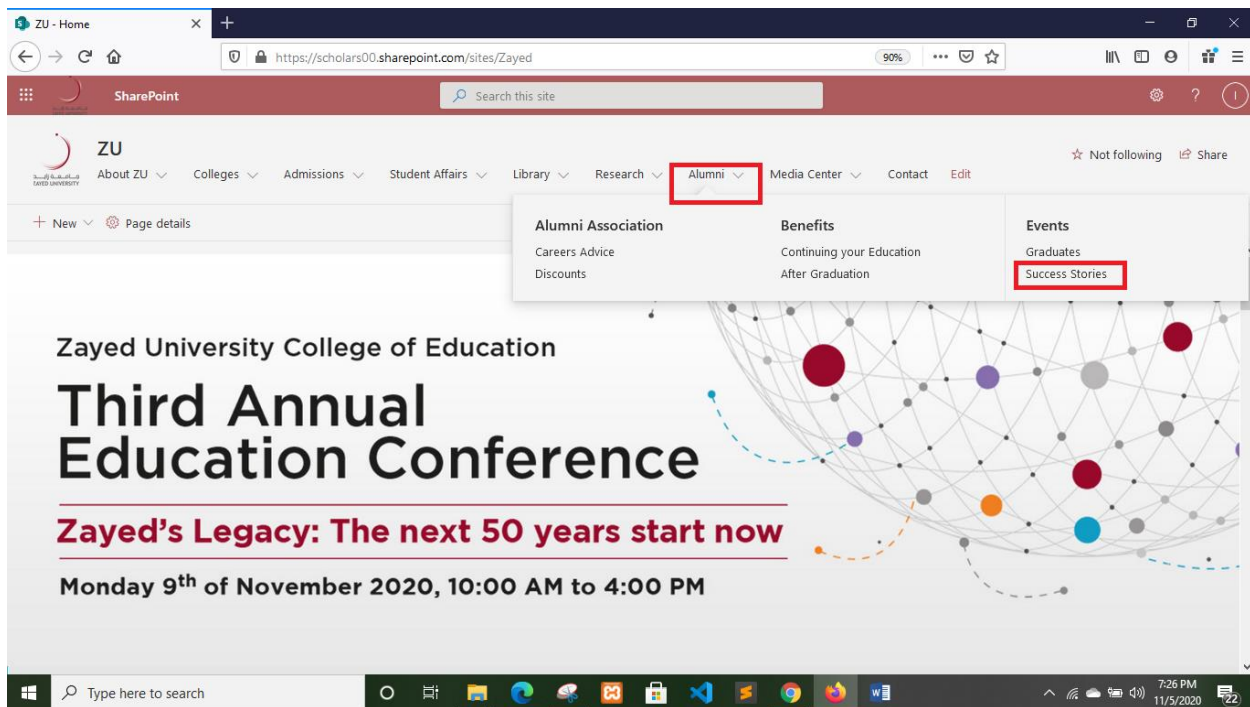**Figure1.2: showing program page.**
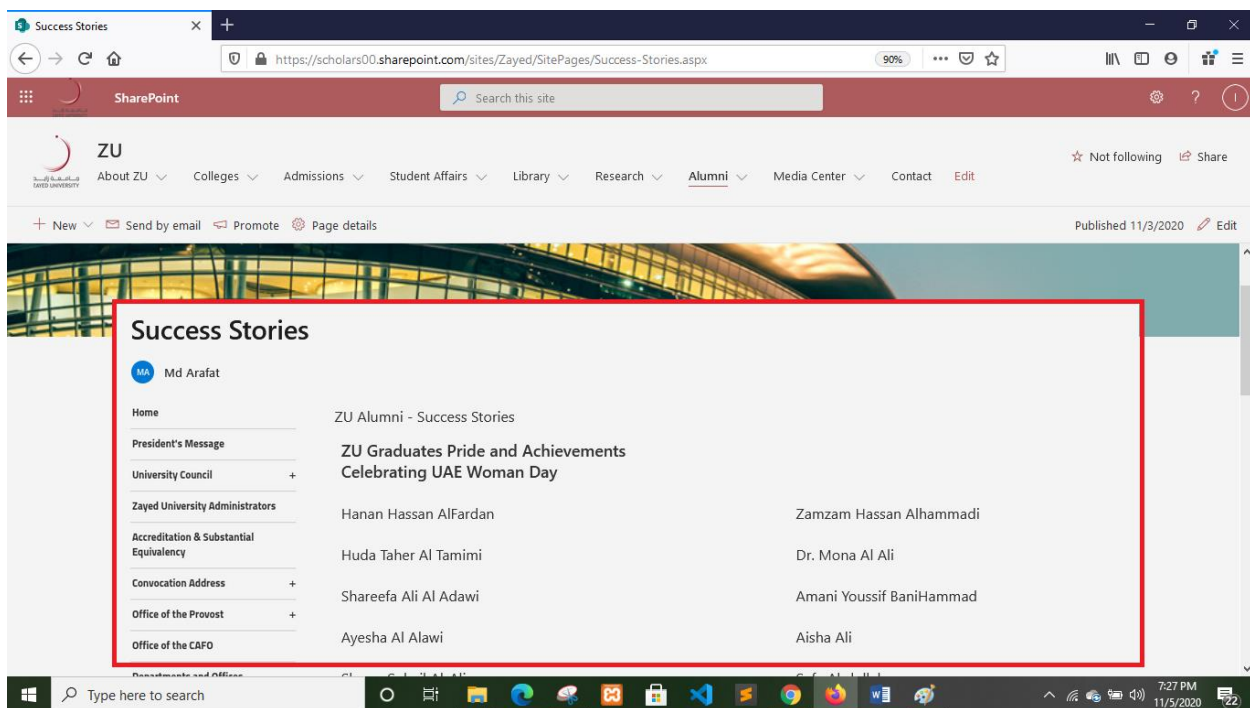
Figure1.3: select success stories.

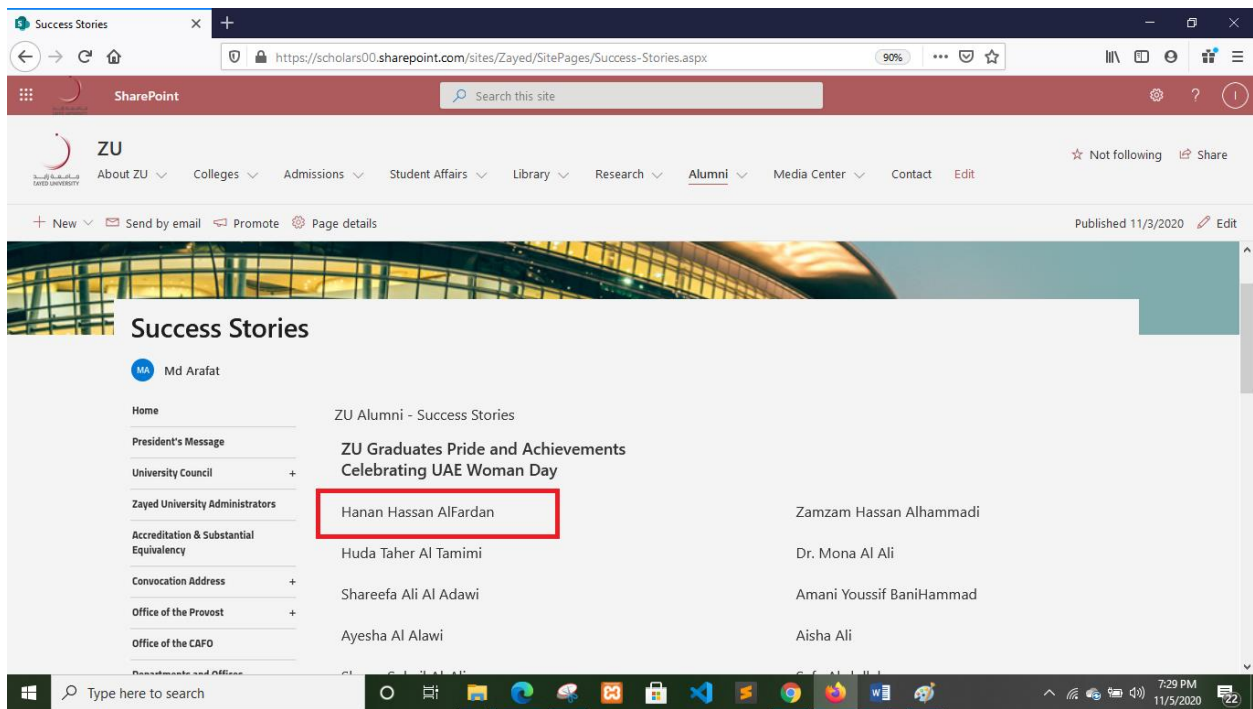**Figure1.3: showing success stories page.**
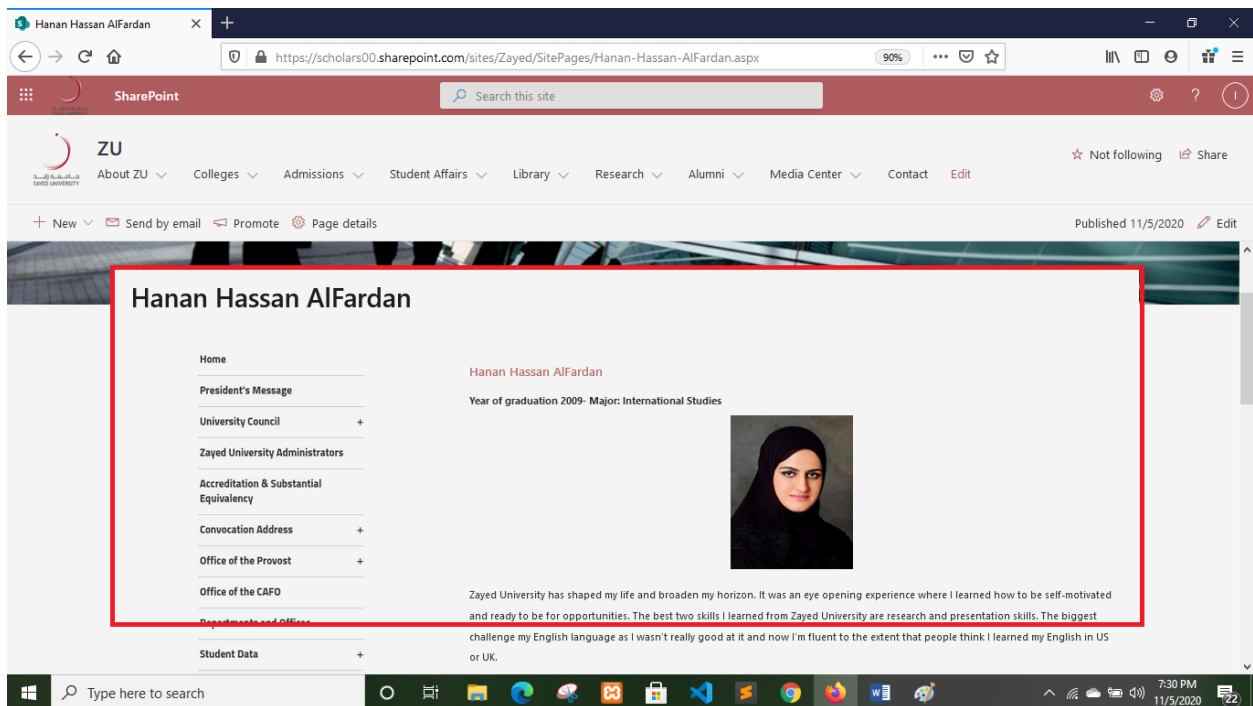
Figure 1.3: Select a student name.

Figure 1.3: showing student information.

2. Integration testing

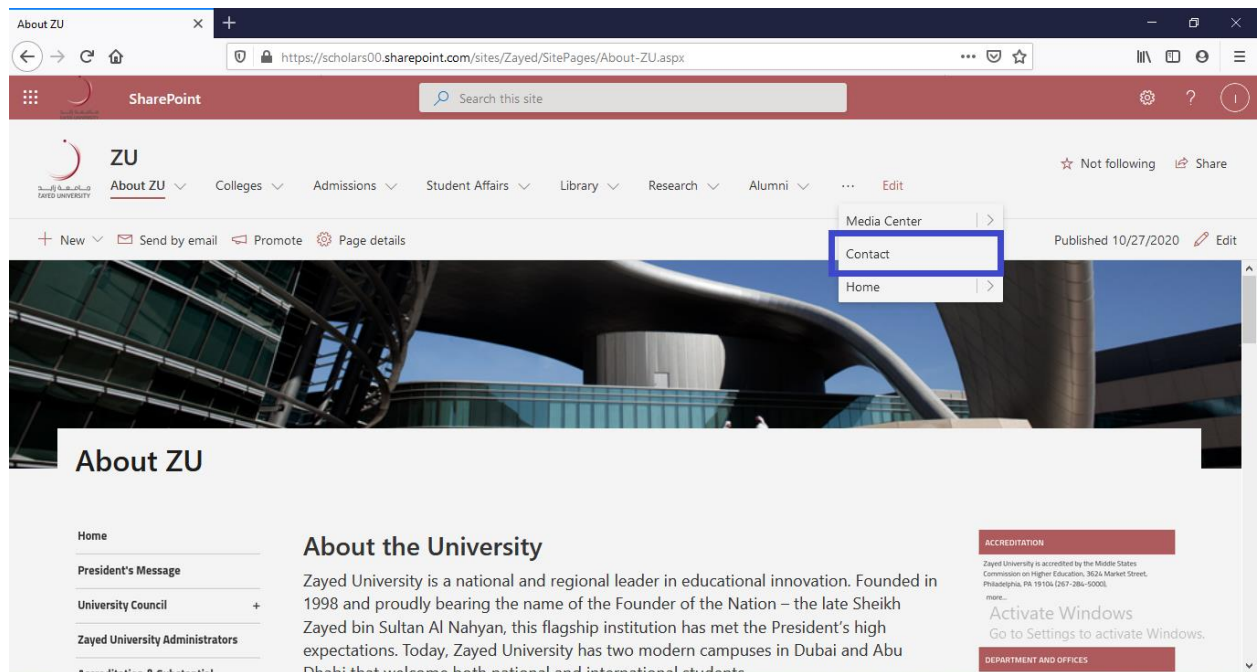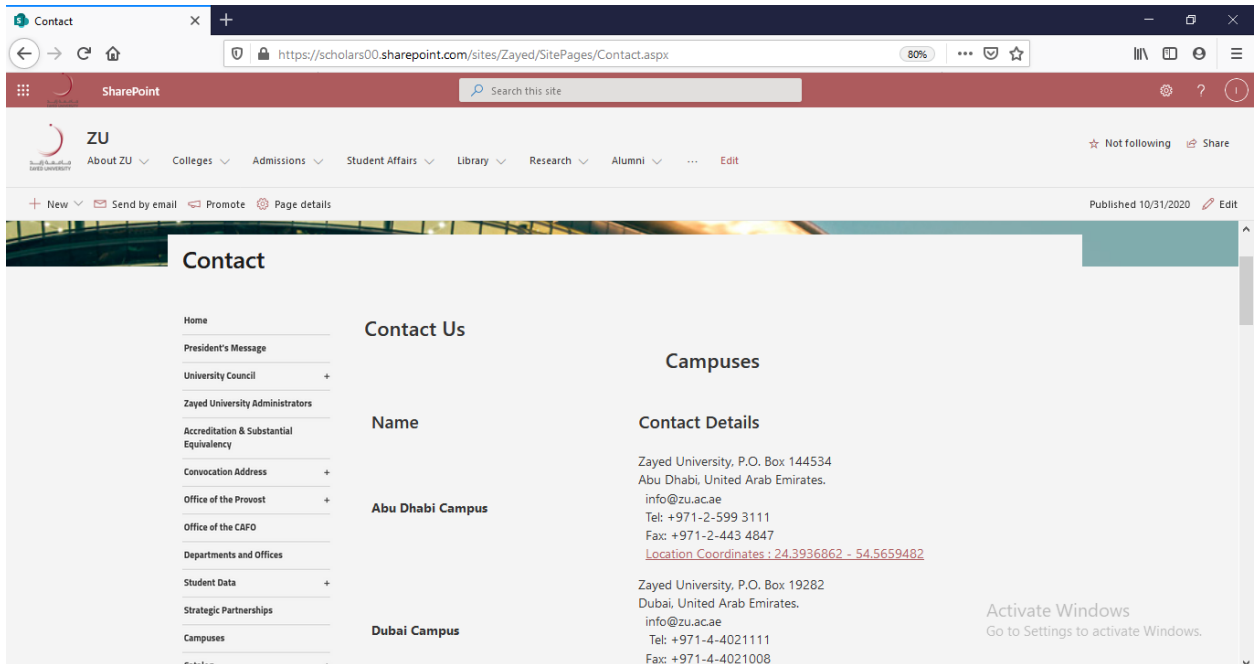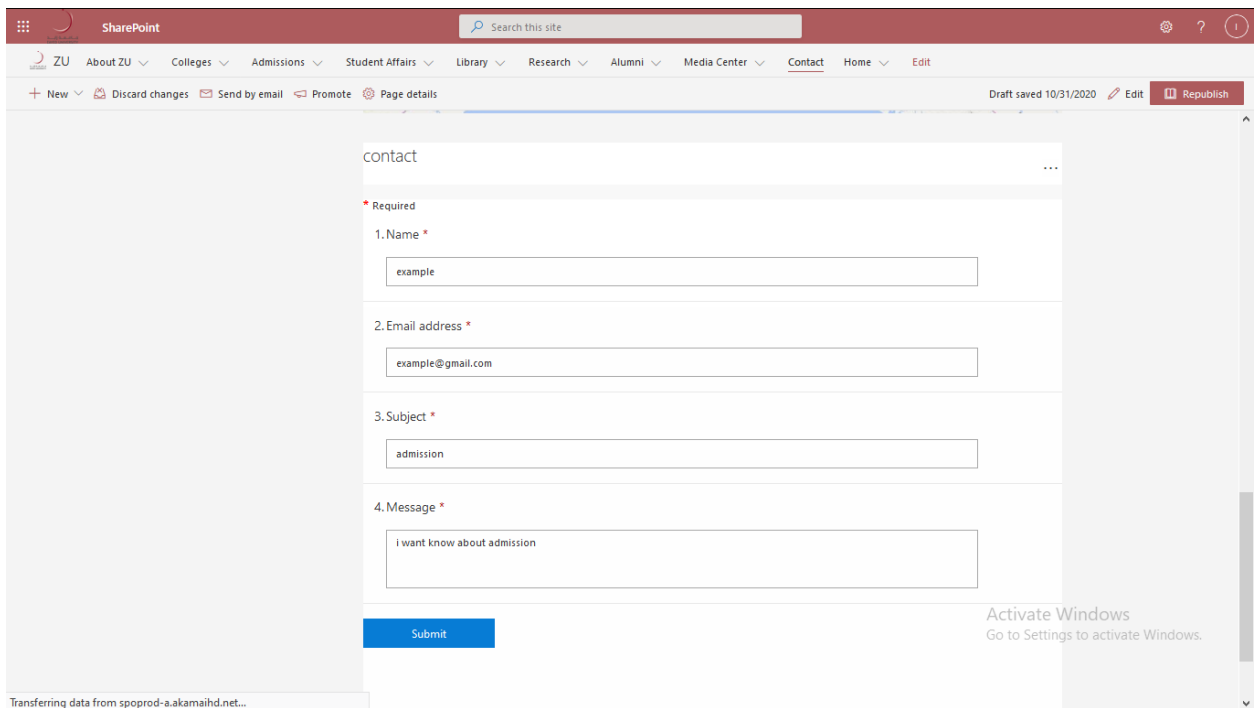| No	Title	Pre-Conditions	Test Steps	Expected Result	Actual Result
2	Contact us.	Login First	Go to contact page.	Contacting with the authority	Message send Successfully to the authority.

Figure: contact

Figure: Contact Information.
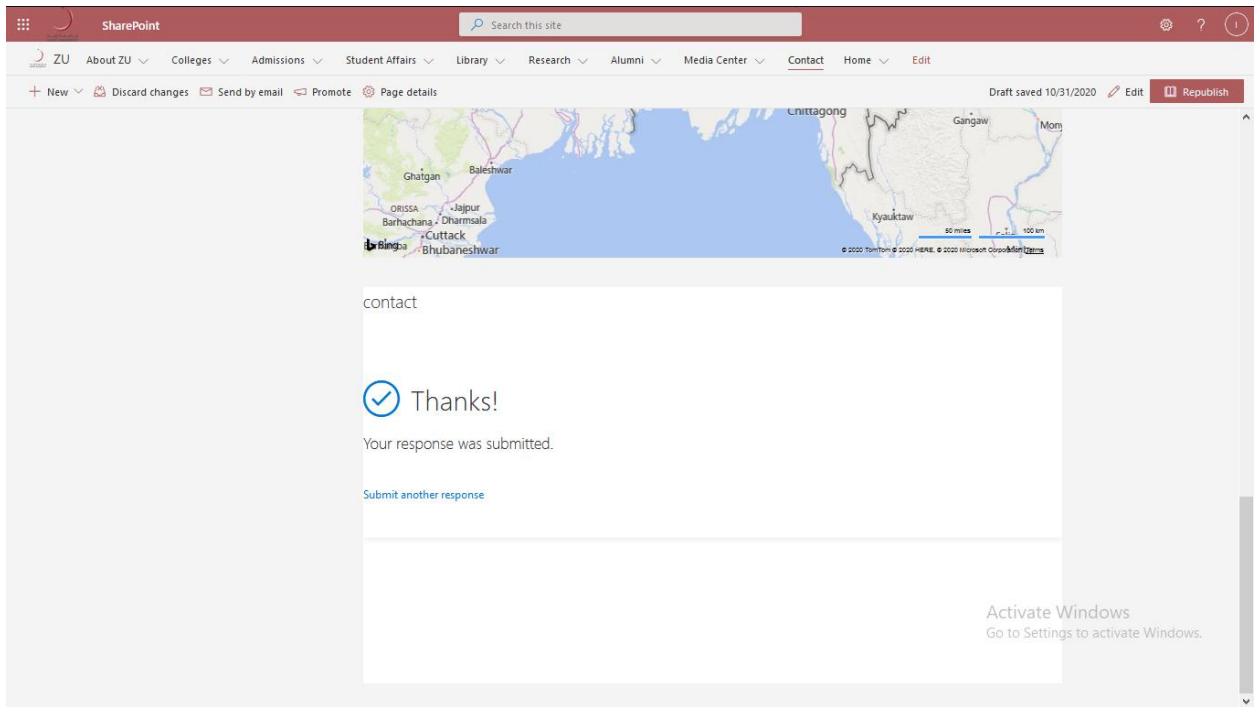

Figure: contact form.

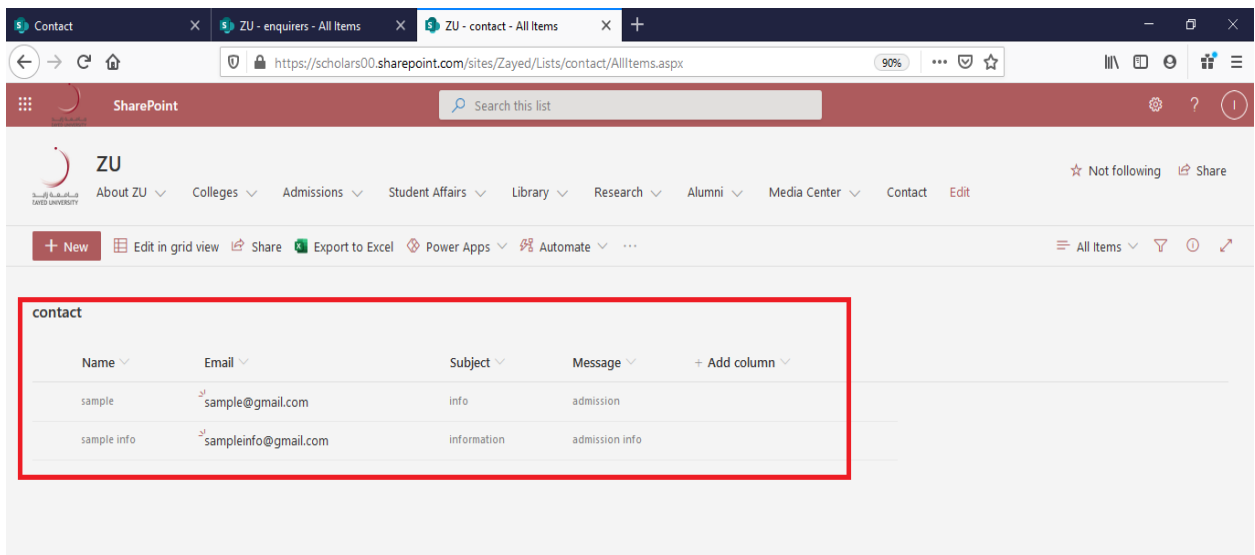**Figure: confirmation of sending message.**

Figure: showing message stored on the database.

3. Functional Test

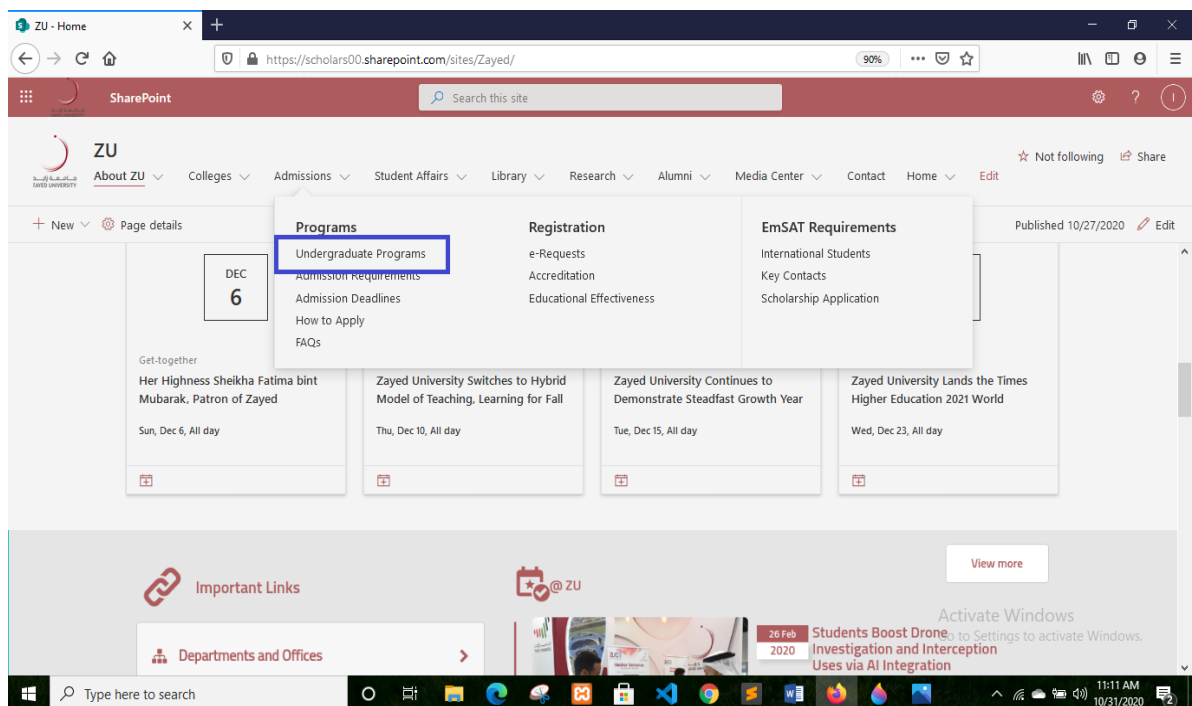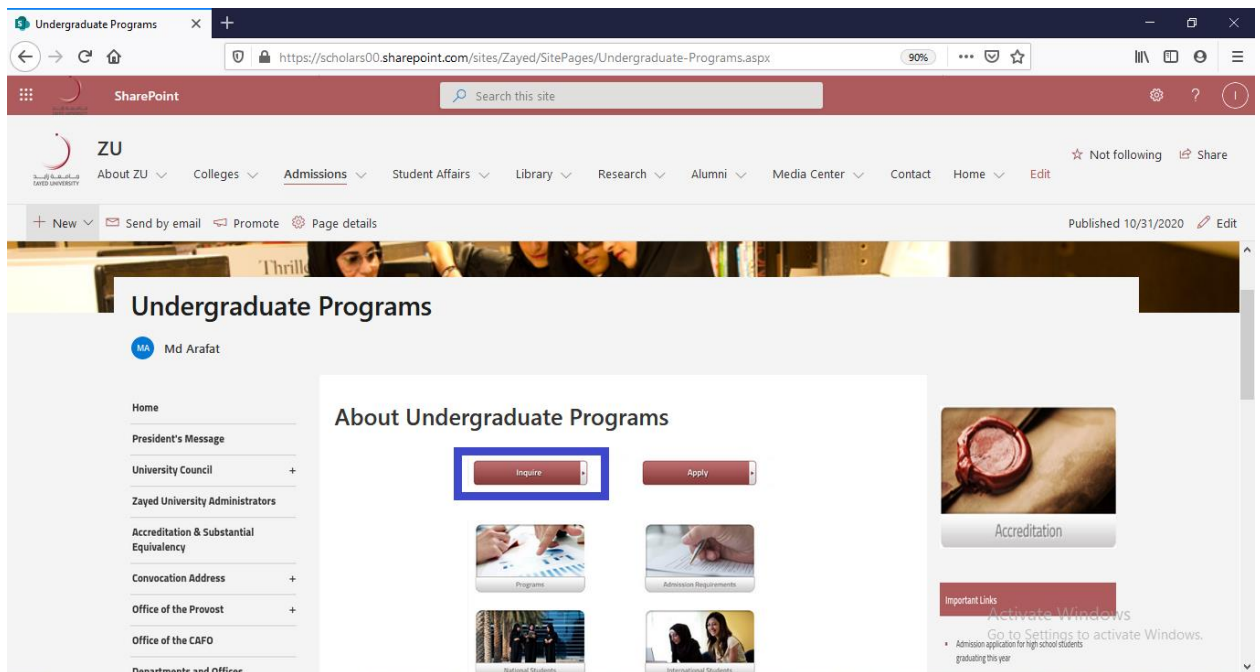| No	Title	Pre-Conditions	Test Steps	Expected Result	Actual Result
1	Enquires.	Login first	Open the undergraduate program page and select inquiry.	Show inquiry form and send mail.	Inquiry mail Successfully send.

Figure: undergraduate program.

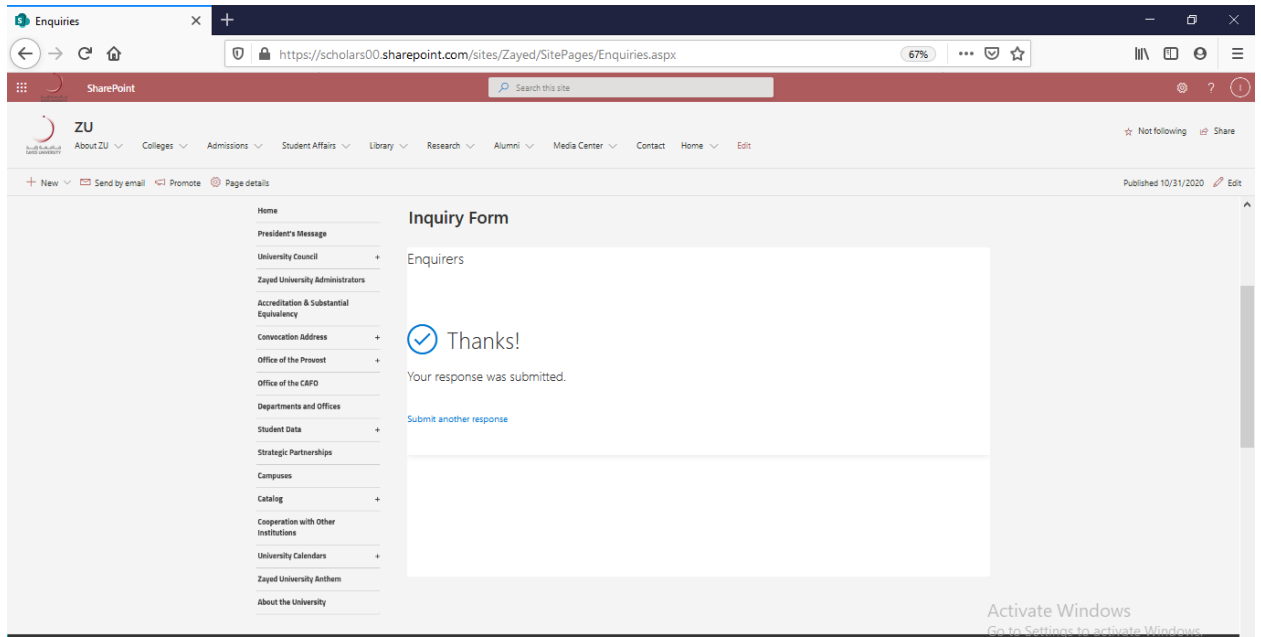**Figure: Selecting inquiry.**

Figure: Inquiry form.
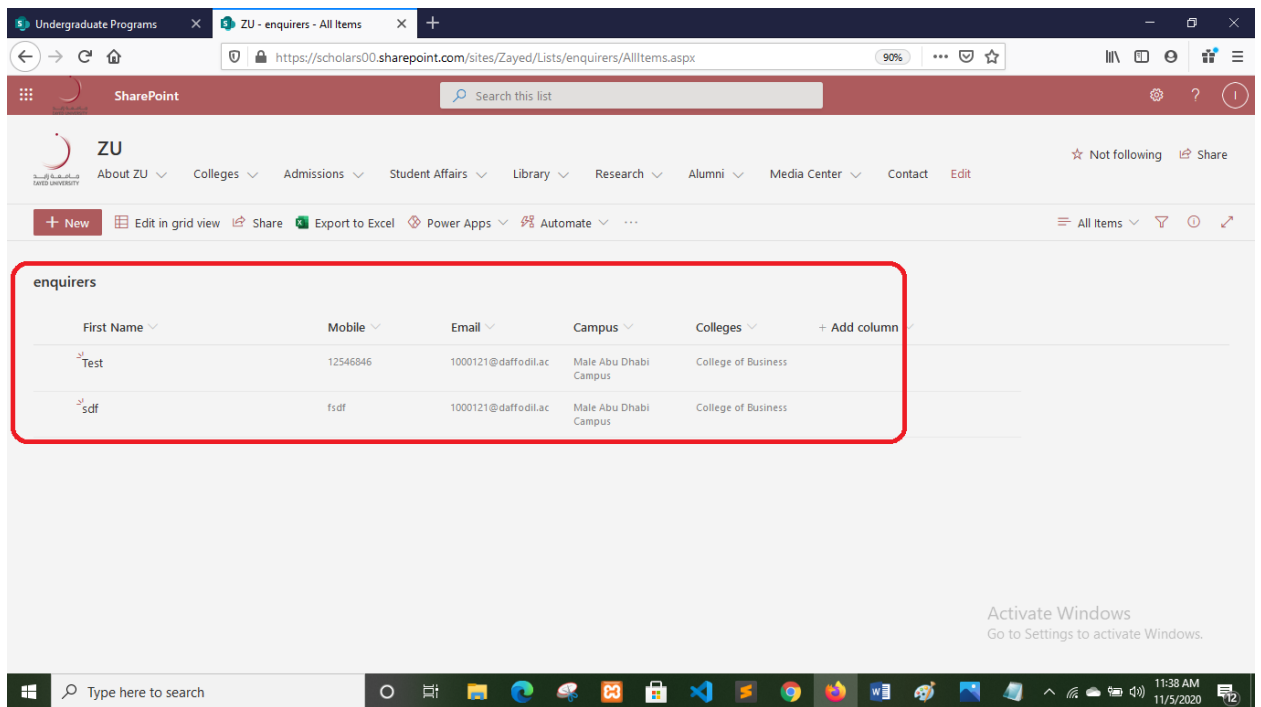
Figure: Inquiry submitted.
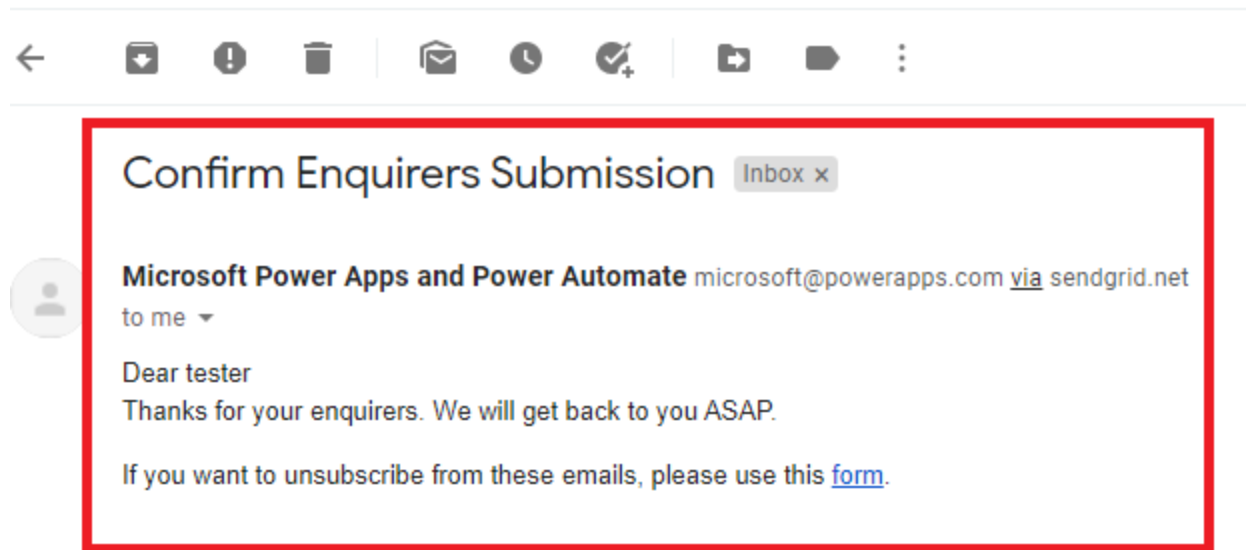

Figure: Inquiry email stored on the database.

Figure: Inquiry email send to the authority.

4. **Usability test**

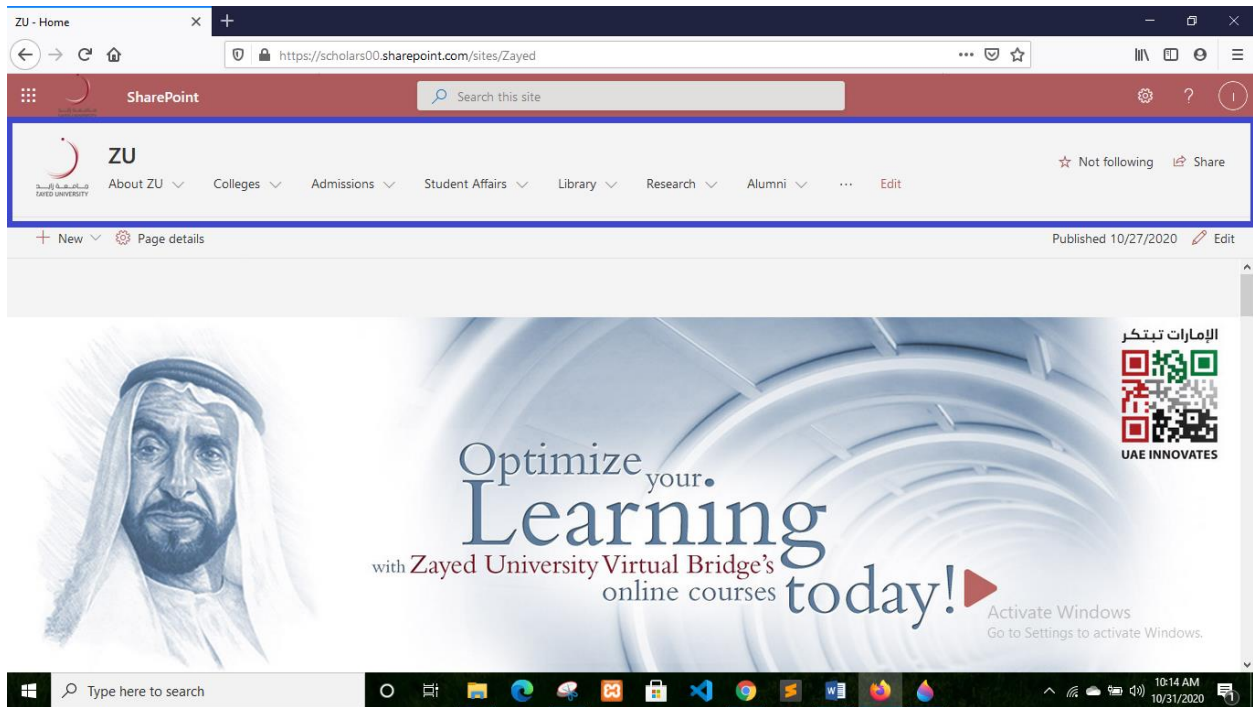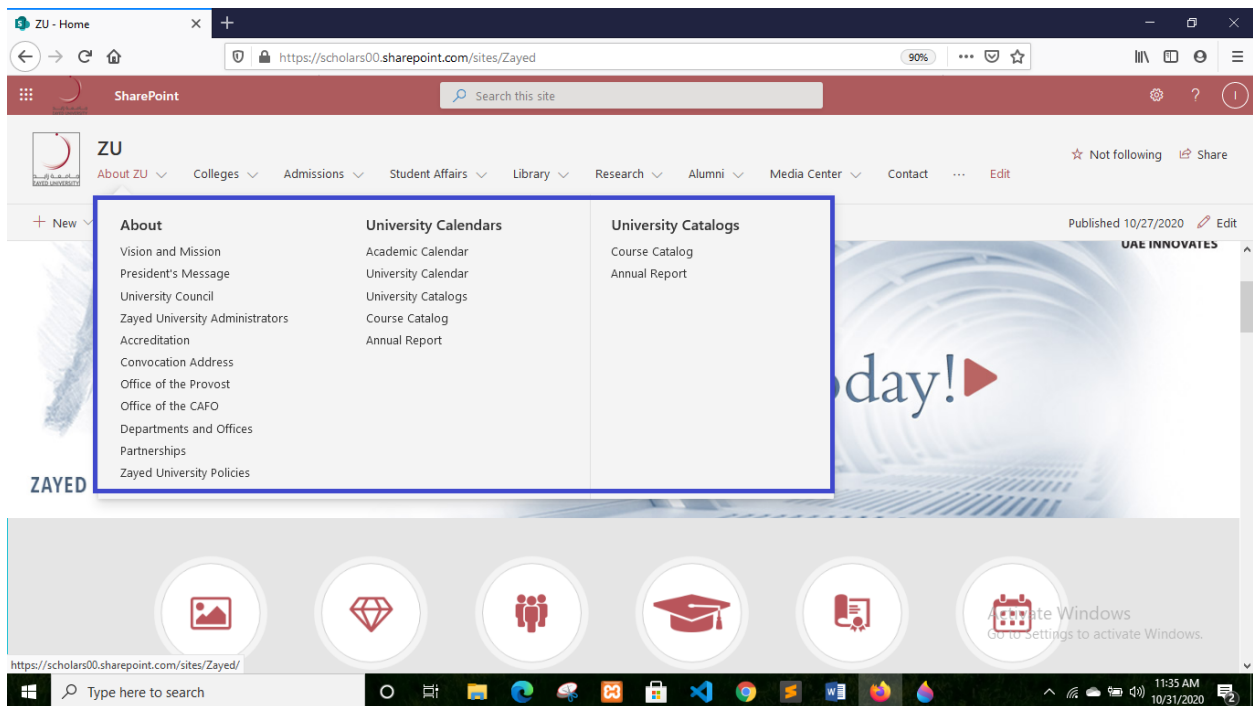| No	Title	Pre-Conditions	Test Steps	Expected Result	Actual Result
1	Navigation bar and dropdown menu	Login First	Mouse hover on navigation item.	Drop down option open	Worked perfectly.

Figure: Navigation bar.

Figure: Dropdown menu.

5. Security test

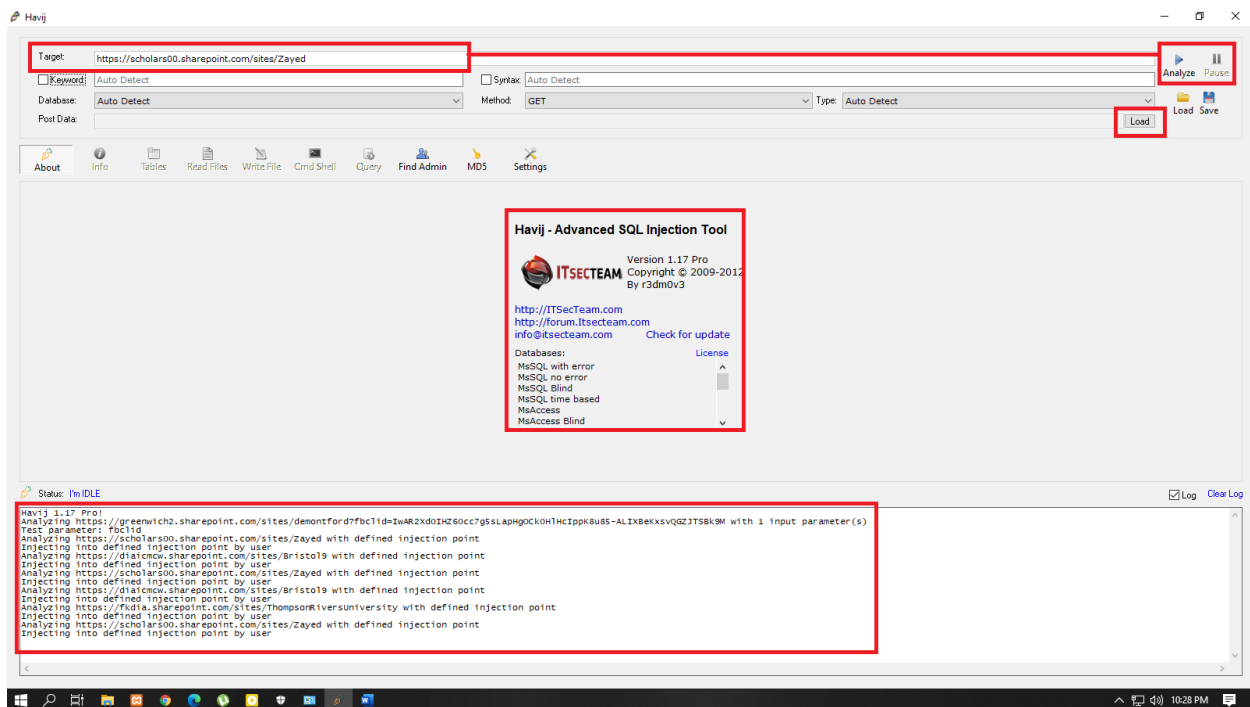| No	Title	Test Steps	Expected Result	Actual Result	Action taken
5.1	SQL injection testing	Using Havij tools to run SQL injection testing.	The site will not give up its database and information running SQL injection.	The attack was unsuccessful.	None.
5.2	XSS test	Using pentest-tools.com online based tools to run XSS testing.	The site should passed the XSS test.	The XSS attack was not successful	None

Figure5.1: Running SQL injection attack using url and showing the result.
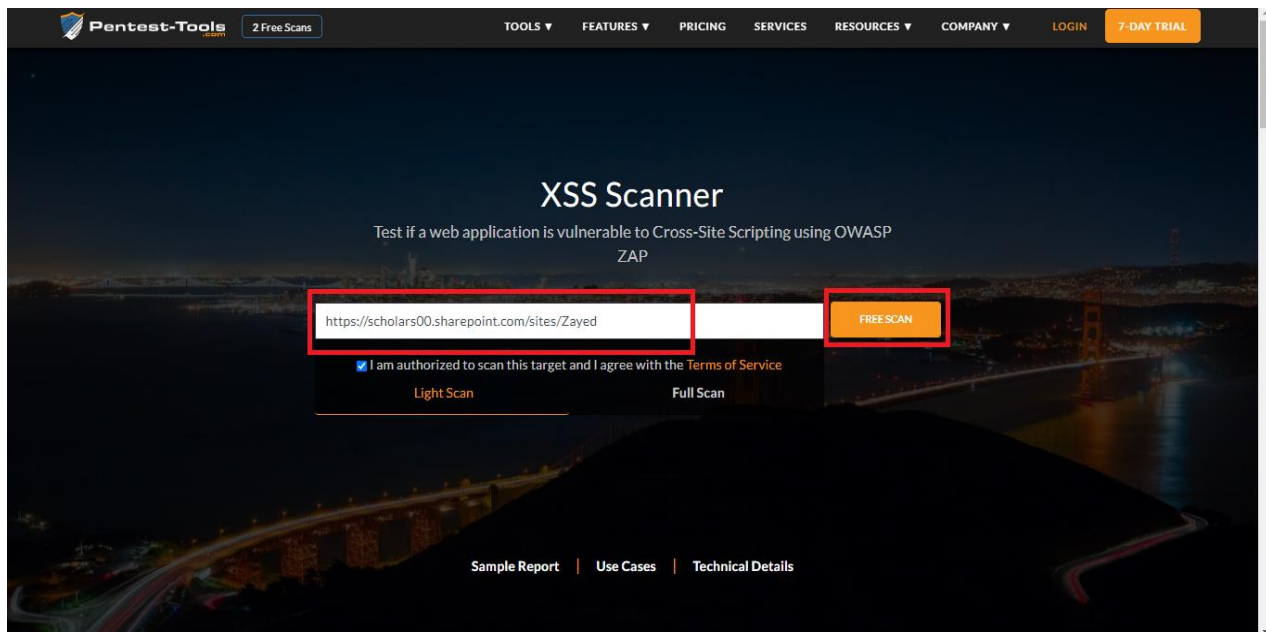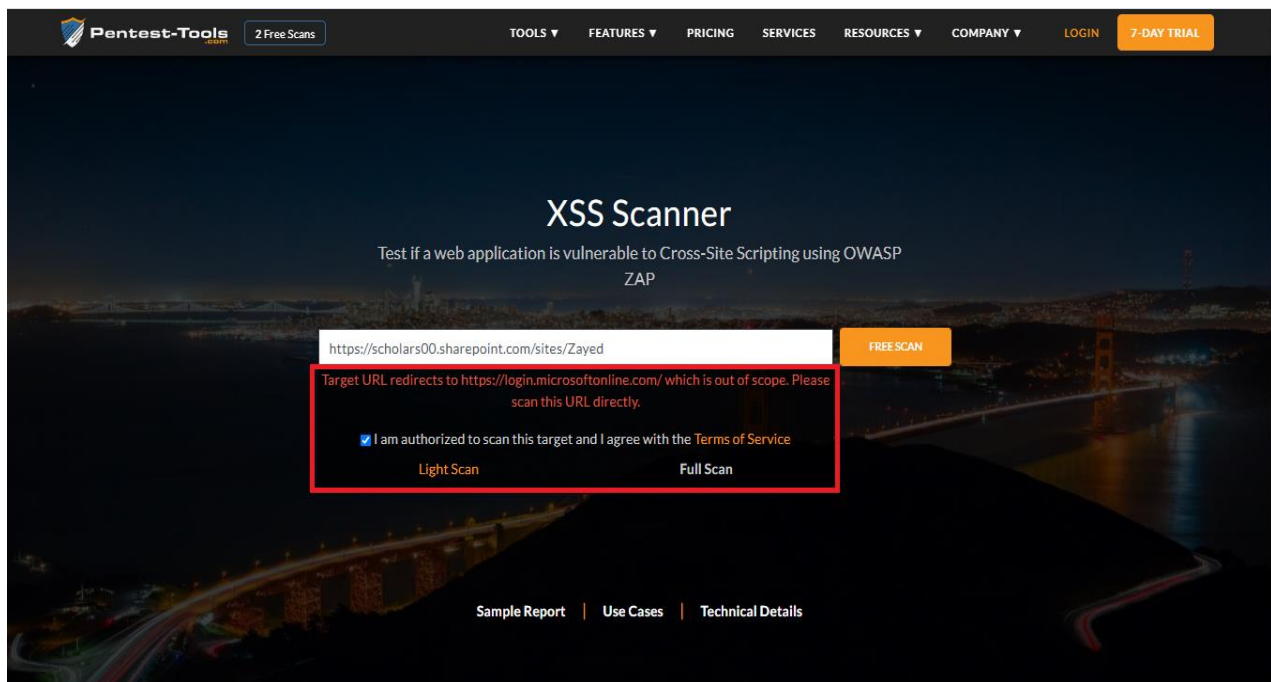
Figure5.2: Running XSS attack using URL.

Figure5.2: Showing result of XSS attack.

6. Browser Compatibility Test

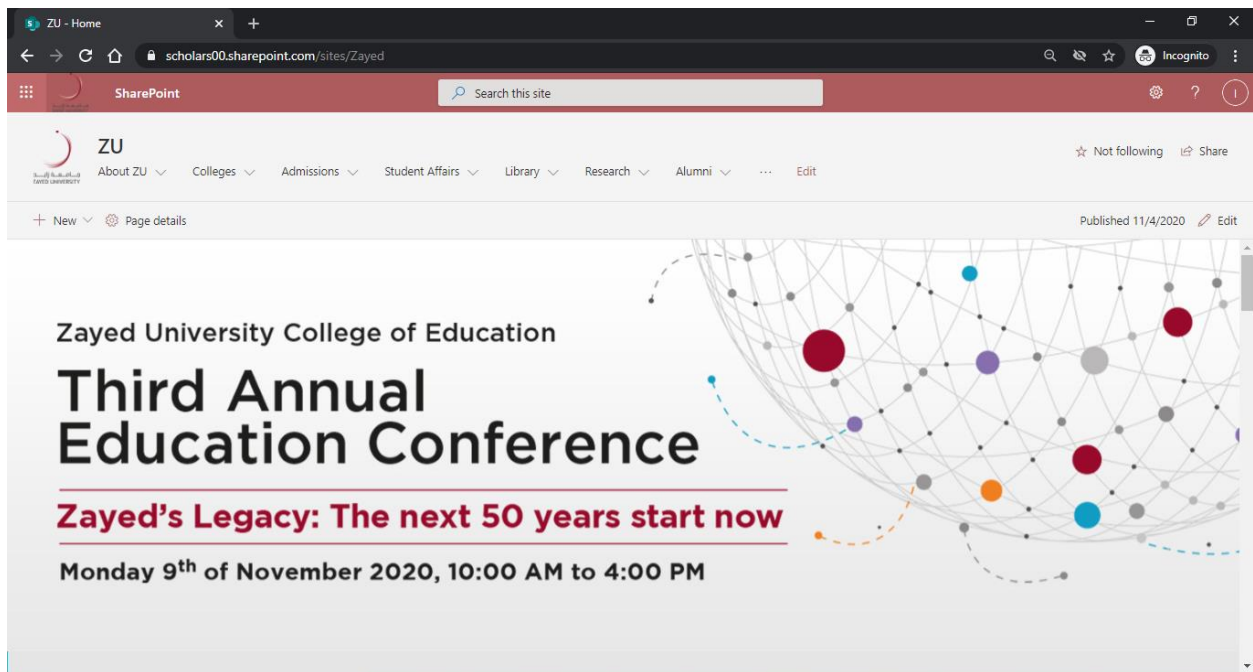| No	Title	Test Steps	Expected Result	Actual Result	Action taken
6.1	Google chrome	running the website on the chrome browser.	The site will run perfectly.	The site runs consistently.	None.
6.2	Mozilla Firefox	Open on Firefox browser.	Expected to run appropriately.	Runs perfectly.	None.
6.3	Internet Explorer	Go to internet explorer and runs the URL link.	Run without discomfort.	Runs as expected.	None.

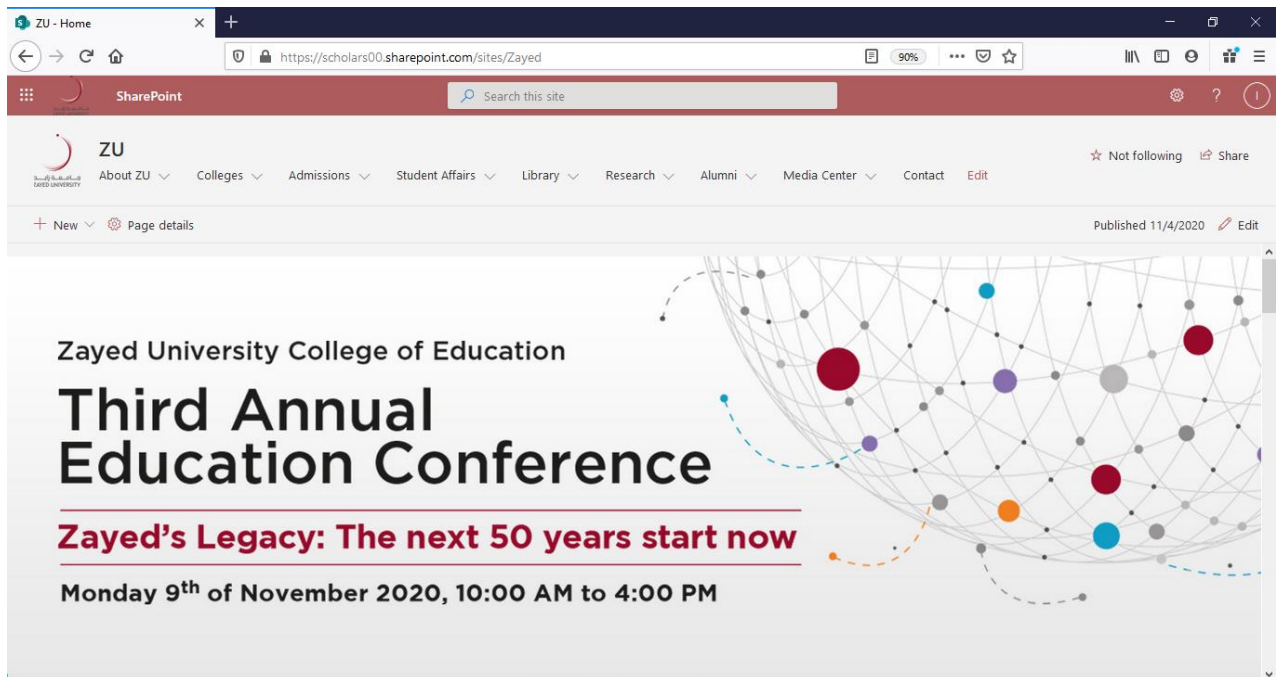**Figure 6.1: showing the site on Chrome browser.**

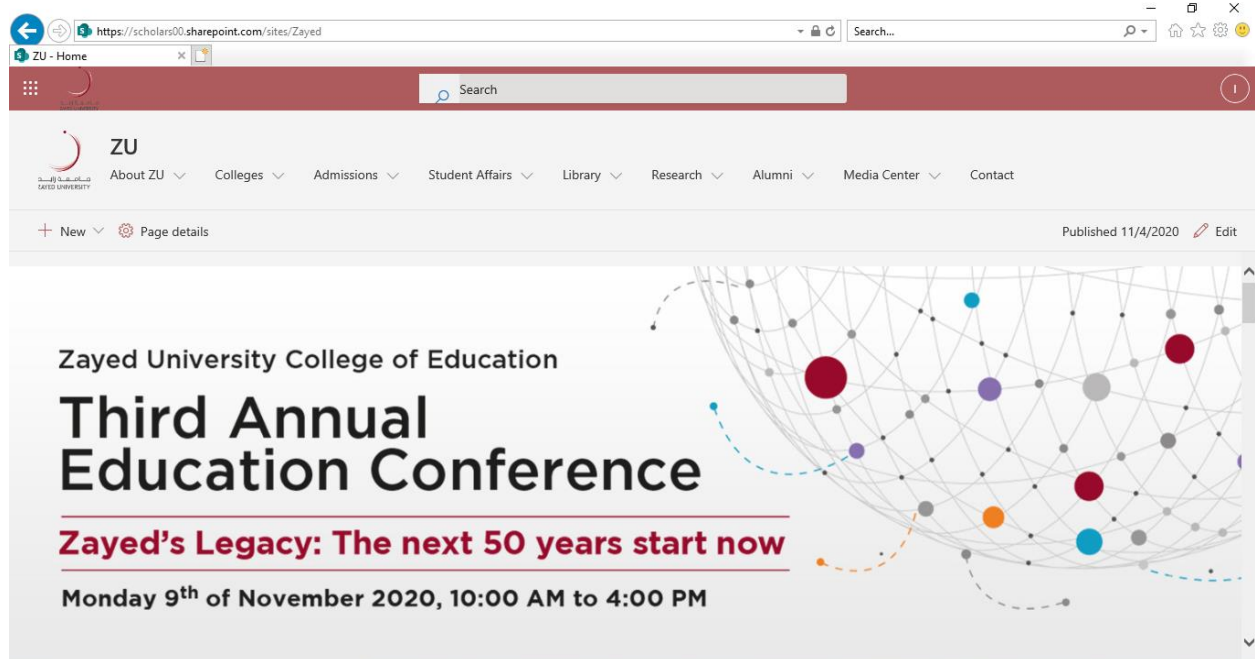**Figure 6.2: showing the site on Mozila fire fox browser.**

Figure 6.2: showing the site on internet explorer browser.

No	Title	Test Steps	Expected Result	Actual Result	Action taken
7.1	Moible	running the website on mobile screen.	The site will run perfectly.	The site runs consistently.	None.
7.2	pc	Run as developed the site	Run without discomfort.	Runs as expected.	None.
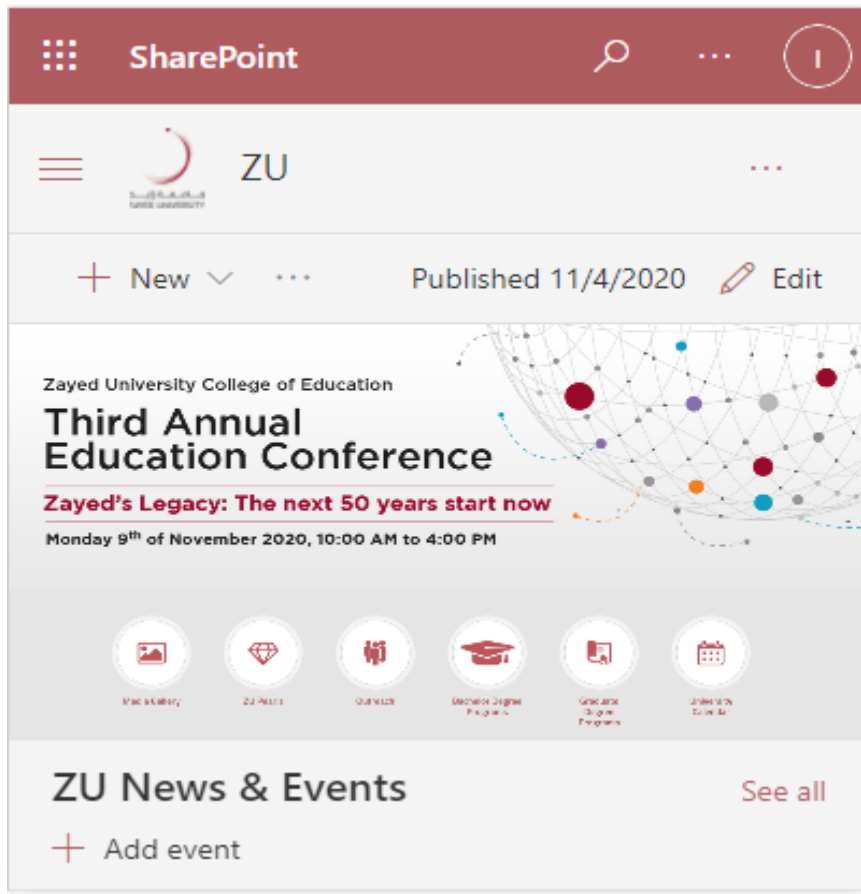
Figure 7.1: tab screen view of the site.
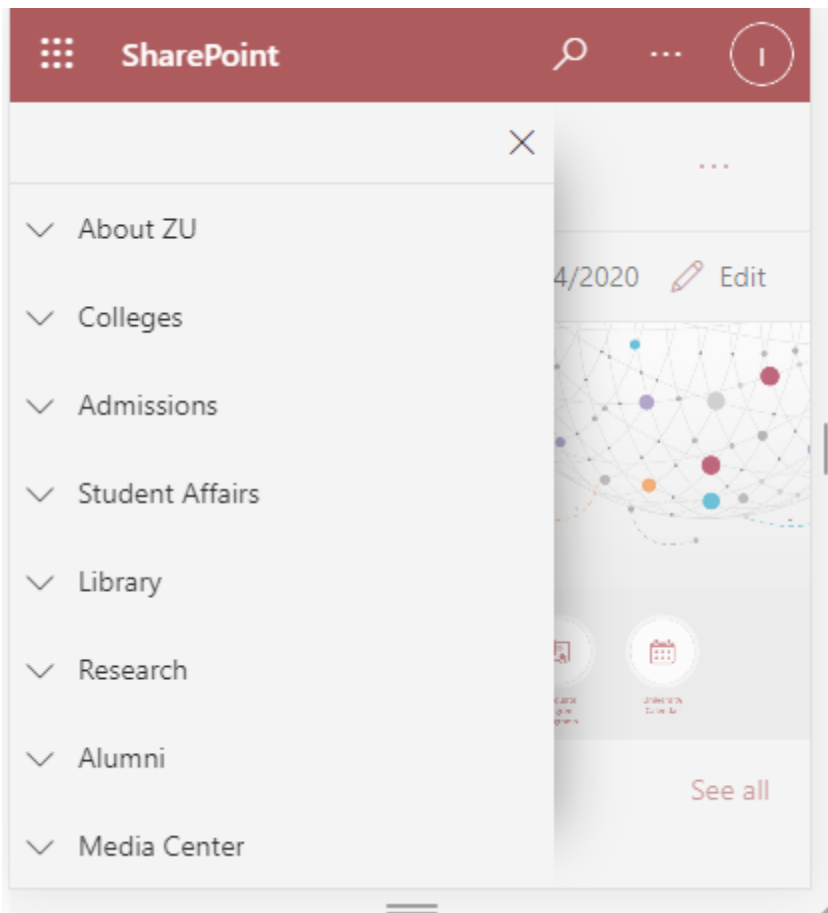
Figure 7.1: tab screen view navigation bar of the site.

Figure7.2: run on the pc screen