

# **Course: COMP1640**

## **Enterprise Web Software Development**

<b>Submitted To:</b>	<b>Submitted By:</b>
Dr. Ray Stoneham	Name: Fatema Akter
Greenwich Course Leader,	Id: 000990797
University Of Greenwich, UK	

**Date of Submission: April 13, 2017**

**Team Name: TechCraft 2017(BIT\_12B)**

Team Member		
S/N	Name	Role
01	Md.Mahbub Alom	Information architect &scrum master
02	Md.Mosiur Rahman	UI Design
03	Mohammad Abu Sahadat	Database Design & Programmer
04	Fatema Akter	System Tester

**Figure-This table for team member name**

**Application Live URL :( iamsayem.com)**

**Screen cast URL:**

**Repository URL:**

Credentials			
S/N	Role	User Name	Password
01	Administrator	<a href="mailto:asmohammadsyem001@gmail.com">asmohammadsyem001@gmail.com</a>	Aa123456@
02	EC coordinator	<a href="mailto:fa123akter@gamil.com">fa123akter@gamil.com</a>	Aa123456@
03	Student	<a href="mailto:fatemaakter8dhaka@gmail.com">fatemaakter8dhaka@gmail.com</a>	Aa123456@
04	EC manager	<a href="mailto:muktahannan@gmail.com">muktahannan@gmail.com</a>	Ecmanager321@

**Figure -This table for credentials user name and password**

## Table of Contents

1. Introduction:	6
2. Assumption:	7
3. Evaluation of product and process:	8
Evaluation of process:	8
Describe our application:	8
User role and dashboard:	8
Dashboard:	8
Admin:	9
EC coordinator:	10
EC Administrator:	11
Student:	12
EC Manager:	13
User registration for claim:	14
Email notification for claim accepted:	15
4. Product Evaluation:	17
5. Evolution of team:	18
6. Self evolution:	20
7. Quality of documentation:	20
8. Methodology use:	21
9. Conclusion:	22
Bibliography	23
10. Appendix-A	24
Testing	24
Test plan and test log:	24
Black box testing:	26
Login Test:	27
Testing for login:	27
Testing for Admin login:	28
Testing for EC coordinator login:	31
Testing for Administrator login:	33
Testing for Student login:	35
Testing for EC manager login:	37

Testing for forgot password:	39
Testing for Registration page:	44
Testing for Dashboard function:	47
Testing for about EC:	47
Testing for about service:	48
Testing for contact:	49
Testing for login:	50
Testing for register:	51
Student Claim submit verify:	53
View claim for with evidence:	57
View claim for without evidence:	59
Report for EC coordinator:	60
Search option test:	61
Faculty Created verifies:	62
Course created verify:	65
Subjects create verify:	67
Academy year created verify:	68
Testing for Error handling:	71
Error handling for student claim register:	73
Student Claim accepts or not verifies:	74
Upload image PDFs file with evidence verify:	76
E-mail sending verifies:	77
After close date new claim disable verify	78
Test for admin/user oversee all the process:	80
White box testing:	89
Unit testing:	90
Test student claim unit login:	91
Functionality testing:	93
Edit user functionality testing:	93
Change password functionality testing:	95
Deleted functionality testing:	96
Test student claim login functionality:	98
System testing:	101

Upload image PDFs file with evidence test:	103
Validation testing:	104
Forgot password validation Login:	105
User claim validation:	106
Usability testing:	107
EC manager:	107
Edit usability testing:	108
Crowd testing:	109
Security testing:	111
Copying URL:	111
Invalid access:	112
Session testing:	113
Responsive testing:	115
Testing For Laptop:	116
Testing for Android Mobile responsible:	116
Testing for iSO responsible:	117
Testing for Tables responsible:	117
Cross browse testing:	118
Browse test for Mozilla Firefox:	118
Browse test for Google Chrome:	119
Browse test for Opera:	120
Browse test for Internet Explore:	121
Data integrity testing:	123
Data integrity test for insert date:	123
Update data verify:	124
Deleted data verify:	126
Test Log List	129

## **1. Introduction:**

The application ***we are developing*** the application name is ***extenuating Circumstances System***. It is a sub system in ***large university***. Extenuating Circumstances is a ***role-based*** secure ***web application***. This application ***uses by some person in this system***. Like- ***student, administrator, manager, coordinator and admin***. For responsibility this sub-system I am give to a group of 4 people and my role is system tester. This program is a web based application where ***different types of role*** based user which the ***user/student will be claim*** by ***registration*** and then they ***login their site*** and they submit claim with evidence. ***The evidence will be image or PDFs format***. And the ***EC manager oversees all the process*** but they cannot respond. After the EC coordinator managing process their faculty, every faculty have coordinator. When the ***claim will be submitted evidence*** then the ***mail notification*** will be sent user from EC coordinator he/she process this ***claim within 14 days***. As well as the administrator maintains any system ***data like-due date, closure data for academic year, and student and password***. So our application was buildup in this requirement.

The ***information architect of my team***, first ***investigate the full requirements*** of the system. The ***user interface designer design*** the ***UI of this scheme*** with the assist of the system architect and next ***entity relationship diagram*** is developed by extract than the ***ERD is changed to database*** with all the equipment. Finally I have ***test all the function properly and carefully***. Although the system is fully useful for use, now the ***whole report*** of the system with ***my knowledge*** outcome is going to be ***describing below***.

***Enterprise web software development*** subject's assignment is a ***group work based*** application. The application name is ***extenuating Circumstances (EC)***.It has ***four tasks*** such as, ***Task-1:*** using ***agile scrum methods*** to develop and test a secure web based system. ***Task-2:*** created a ***screen cast recording*** like-screen and sound and demonstrating the key function of the system. Created suitable software and hosted securely. ***Task-3: finished product*** to a ***non-technical*** audience ***Task-4:*** appropriate ***standard document system like-design evaluation process follow***, finished product reflection and team member contribution.

For this assignment I have applied knowledge of different interaction design to solve the problem described in the assignment situation. I had to go through different web sites researches for more testing experience. I have tried my best to fulfill all the requirement of the assignment.

## **2. Assumption:**

We are follow some assumption will be developed our program for better system. Including this:

No	Assumption	Describe of Assumption
01	Login system	The system was not requiring this login system. But we are use that for when any user registration for claim than they login their site for claim. We are use one login page for user and admin.
02	Registration system	Our system not requires registration but we use this. It is assumption. which the user registration their account and then claim
03	Session system	Our system was not requiring session system. But we are using this system. in the one year have three scission
04	Password system	We have use password system. Which we have chose password for login system.
05	Forgot password system	If any user forgot their password than they use that which they sent reset password link. The link sent in mail.
06	Change password system	We have use change password system which we apply change password.
07	Profile system	Here we have use profile system which we see all the profile information.
08	Auto password generate	When we have created any course than password will be auto generated. We use this system for better program.

**Figur.NO:1-This table for assumption**

### 3. Evaluation of product and process:

#### Evaluation of process:

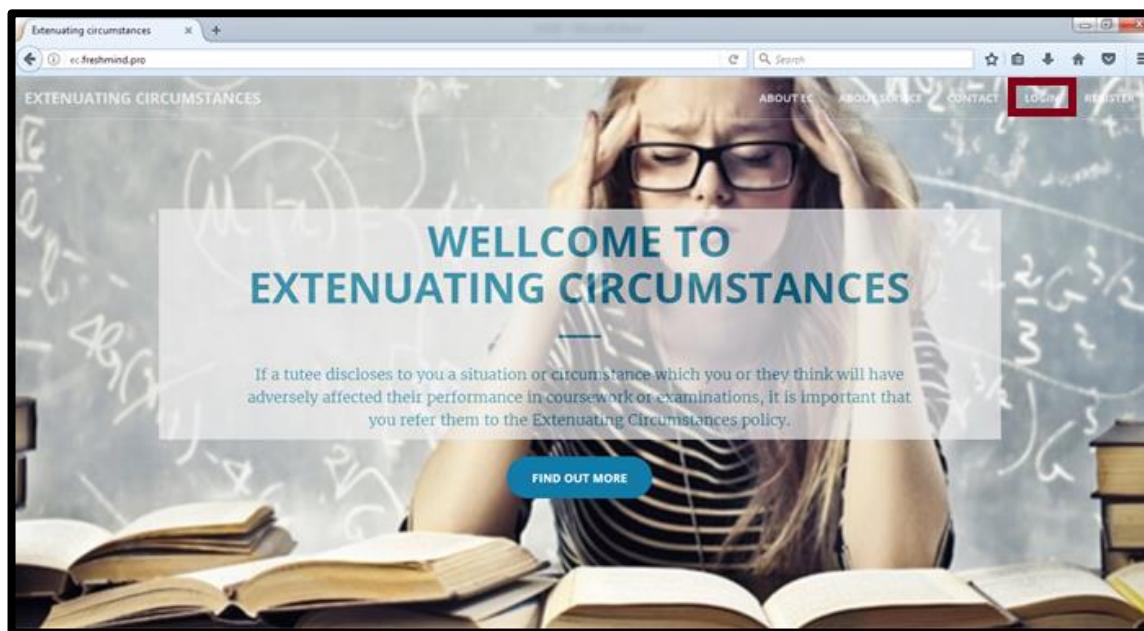
##### Describe our application:

This is **role based application**. The application name is **extenuating Circumstances (EC)**.The applications have **four type of role**. Where we are find out all roles. Like- student, EC manager, coordinator and Administrator. Each role has different work and some boundary of feature. Now here I have described all of role. Including this:

#### User role and dashboard:

##### Dashboard:

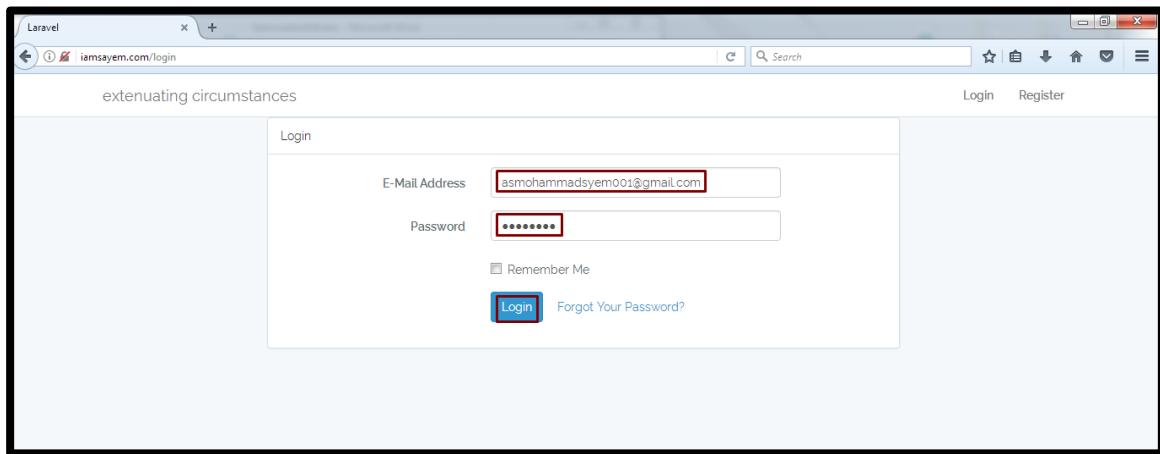
- When our application is open this screen is show.
- This is our application **dashboard** view.



Figur.NO:1-This display for dashboard output

## Admin:

- When I have **login** application as an **admin** this display is show.
- Than I have insert admin mail address and password than login.
- Which admin –mail address is “**asmohammadsyem001@gmail.com**” and Password is “**Aa123456@**”.



**Figure.NO:2-This display for when the admin login**

- After admin login this display is show on.
- My application admin **login successfully**.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
<input type="checkbox"/>	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of Information Technology	student	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	muktahannan@gmail.com	Department of BBA	student	activated	View	Edit
<input type="checkbox"/>	Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Information Technology	EC coordinator	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fatemaakter1148@gmail.com	Department of BBA	EC coordinator	activated	View	Edit
<input type="checkbox"/>	Moshir	Rahman	mahbub_alom@outlook.com		EC manager	activated	View	Edit
<input type="checkbox"/>	Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fa123akter@gamil.com	Department of Information Technology	student	blocked	View	Edit

**Figeur.NO:3-This display for after login**

**EC coordinator:**

- This display for is **EC coordinator**.
- When I have login application as an EC coordinator this display is show.
- Than I have insert EC coordinator E-mail address and password than login.
- Which EC coordinator mail address is “[fa123akter@gmail.com](mailto:fa123akter@gmail.com)” and password is “**Aa123456@**”

The screenshot shows a web browser window with the title 'Laravel'. The address bar displays 'iamsayem.com/login'. The main content area shows a login form titled 'extenuating circumstances'. The form includes fields for 'E-Mail Address' (containing 'fa123akter@gmail.com') and 'Password' (redacted), a 'Remember Me' checkbox, a 'Login' button (which is red), and a 'Forgot Your Password?' link. At the top right of the page, there are 'Login' and 'Register' links.

**Figeur.NO:4-This display for EC coordinator login**

- After EC coordinator login, this display is show on. Which the EC coordinator **see all claim list and student list**. Also he/she **overview all report**.
- My application EC coordinator **login successfully**.

The screenshot shows a web browser window titled 'Laravel' with the URL 'iamsayem.com/coordinator'. The page displays two tables: 'Claim list' and 'Student list'.  
**Claim list:**  

Claim title	Student	Subject	Remaining days	Status
Can't submit assignment due to illness	Mohammd Sayem	CCNA	14	New <a href="#">View</a>

Showing 1 to 1 of 1 entries

  
**Student list:**  

First Name	Last Name	Faculty	View	Access to website
Fatema	Akter	Department of Information Technology	<a href="#">View</a>	<input checked="" type="checkbox"/>
Mohammd	Sayem	Department of Information Technology	<a href="#">View</a>	<input checked="" type="checkbox"/>

Showing 1 to 2 of 2 entries

**Figure.NO:5- display of output for EC coordinator login**

#### EC Administrator:

- This screen for EC Administrator.
- When I have **login application** as an EC Administrator this screen is show on.
- Than I have insert EC Administrator E-mail address and password than login.
- Which EC Administrator mail address is "[fatemaakter1148@gmail.com](mailto:fatemaakter1148@gmail.com)" and password is "**Aa123456@**"

The screenshot shows a web browser window titled 'Laravel' with the URL 'iamsayem.com/login'. The page displays a 'Login' form.  
**Login Form Fields:**  
 E-Mail Address  
  
 Remember Me  
 [Forgot Your Password?](#)

**Figure.NO:6-This display for EC administrator login**

- After **EC Administrator login**, this display is show on.
- My application EC Administrator login successfully.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	edit
<input type="checkbox"/>	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of Information Technology	student	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	multahannan@gmail.com	Department of BBA	student	activated	View	Edit
<input type="checkbox"/>	Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Information Technology	EC coordinator	activated	View	Edit
<input type="checkbox"/>	Moshiur	Rahman	mahbub_alom@outlook.com		EC manager	activated	View	Edit
<input type="checkbox"/>	Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fa123akter@gamil.com	Department of Information Technology	EC coordinator	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fatemaakter1148@gmail.com		EC administrator	activated	View	Edit

**Figure.NO:7-This display of output for EC administrator**

### Student:

- This screen **for student**. When I have login application as a student this screen is show on.
- Than I have insert **student E-mail address and password** than login.
- Which student mail address is "[fatemaakter8dhaka@gmail.com](mailto:fatemaakter8dhaka@gmail.com)" and password is "Aa123456@"

Login	
E-Mail Address	<input type="text" value="fatemaakter8dhaka@gmail.com"/>
Password	<input type="password" value="*****"/>
<input type="checkbox"/> Remember Me	
<input type="button" value="Login"/> <a href="#">Forgot Your Password?</a>	

**Figure.NO:8-This display for student login**

- After student login, this display is show on.

- My application as a student **login successfully** and **show on claim page** which the student **dropped their claim**.

**Figeur.NO:9-This display of output for student login**

#### **EC Manager:**

- This screen **for EC Manager**. When I have login application as an EC Manager this screen is show on.
- Than I have insert **EC Manager E-mail address and password** than login.
- Which EC Manager mail address is "[muktahannan@gmail.com](mailto:muktahannan@gmail.com)" and password is **"Aa123456@"**

**Figeur.NO:10-This display for EC manager login**

- After **EC Manager Login**, this display is show on.
- My application EC Manager **login successfully** and show on claim list which the EC Manager **See student claim report**.

The screenshot shows a web application interface titled "Claim list". At the top, there's a header bar with "extenuating circumstances" and a user profile for "Fatema Akter". Below the header, a navigation bar includes "EC Manager Area | Reports". The main content area is titled "Claim list" and contains a table with the following data:

Claim title	Student	Remaining days	Status	
bbl	Mahbub Alom	9	Rejected	<a href="#">View</a>
c01	Mahbub Alom		Approved	<a href="#">View</a>
C12	Mahbub Alom		Approved	<a href="#">View</a>
Can't submit assignment due to illness	Mohamamad Sayem	13	New	<a href="#">View</a>
hcvhasgchjas	Mahbub Alom	13	New	<a href="#">View</a>
hg	Mahbub Alom	13	New	<a href="#">View</a>

Showing 1 to 6 of 6 entries

**Figeur.NO:11-This display of output for EC manager**

#### User registration for claim:

- This screen for **user registration**. When I have registration as a user this screen is show on.
- Than I have insert user **Fist name, last name, E-mail** and faculty which the user **chose faculty name** than click on **register for claim**.
- Which **user first name “fatema” ,last name “akter” ,mail address is “[fatemaakter8dhaka@gmail.com](mailto:fatemaakter8dhaka@gmail.com)”**

A screenshot of a web browser window showing a user registration form. The URL in the address bar is `iamsayem.com/register`. The page title is "extenuating circumstances". On the right side of the header, there are "Login" and "Register" links. The main content area has a "Register" heading. It contains four input fields: "First Name" with value "Fatema", "Last Name" with value "Akter", "E-mail" with value "fatemaakter8dhaka@gmail.com" (highlighted with a red border), and a dropdown "Faculty" with value "Department of Computer Science". Below the inputs is a blue "Register" button.

**Figure.NO:12- This display of user registration from**

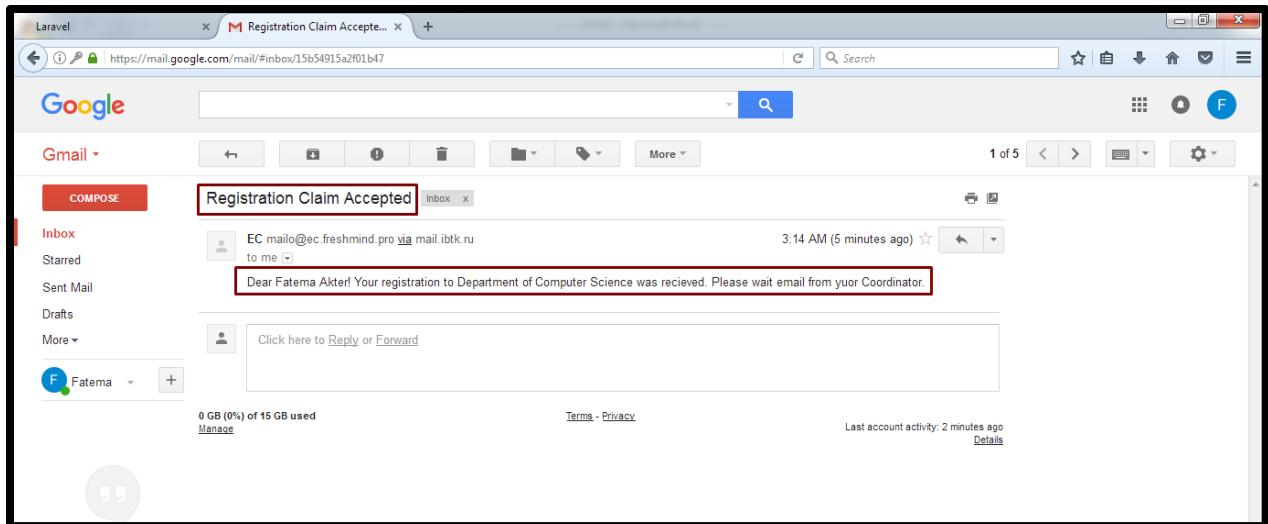
- After **user registration**, this display is show on.
- My registration **registers successfully** and shows on this screen.

A screenshot of a web browser window showing a dashboard. The URL in the address bar is `iamsayem.com/register`. The page title is "extenuating circumstances". On the right side of the header, there are "Login" and "Register" links. The main content area has a "Dashboard" heading. A message in a box states: "Your account are pending now. Please wait email from your Coordinator."

**Figure.NO:13- This display of output for registration**

#### Email notification for claim accepted:

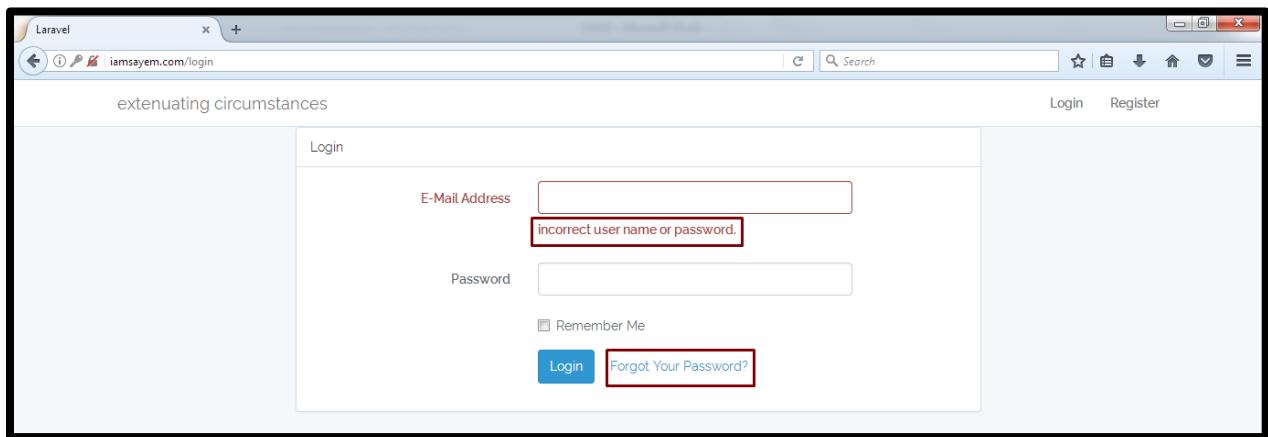
- After **EC coordinator sent email for user claim accepted**. When this screen is show on.



**Figure.NO:14- This display of email notification**

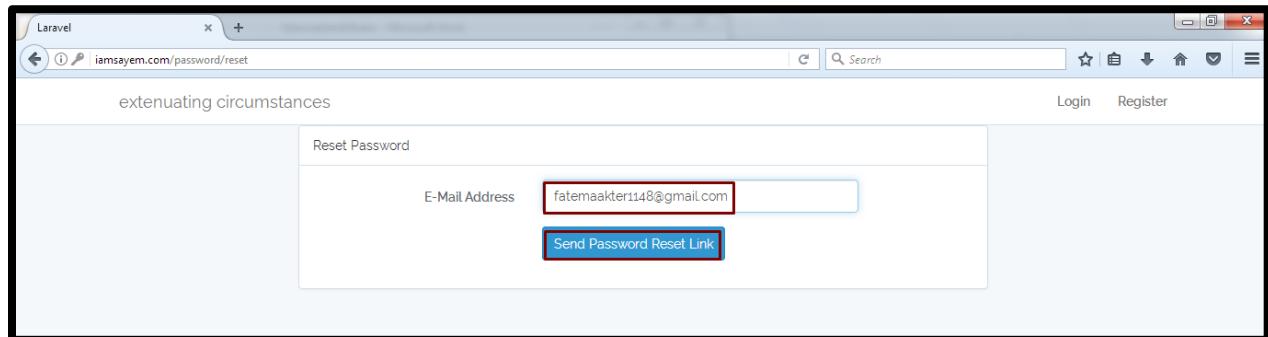
**Forgot password:**

- When the user insert **invalid Email address** or password this screen is show on. Then click on **forgot password**.



**Figure.NO:15- This display of incorrect user name or password**

- After click on forgot password this screen is show on.
- Which the users insert their **current email address** and click on sent “**password reset**” link which the link sent.



**Figeur.NO:16- This display of reset password**

#### **4. Product Evaluation:**

Our application is a ***build up secure role based system*** which ***colleting Extenuating circumstances (EC) processing claim by student.*** It is a ***large university*** monitoring system. By the requirement our applications build up. We met all the requirement specification. We ***fulfill all the Requirement*** and implementation all the feature. There are many features in this application. Such as-

- The ***system can claim new course***
- The system ***can created new course***
- ***Created new user***
- ***Role assign***
- Generated Report
- ***Sent Email notification*** for user their ***claim will be accepted or reject***
- ***Created closure date and final closure date etc.***
- ***Create Delete, update and insert***

The system is ***responsible*** and ***all*** the device and ***browse supported***. The system ***has*** maintained ***enough secure***. But we know that technology change day by day .for that some work will be further better developing. For that we have some work further development. Like-we ***cannot use cookie*** in our application. Cookie is further development thing. We will use cookie in the future of any project development.

## 5. Evaluation of team:

Our application name is **extenuating Circumstances (EC)**. which our tem name is **TechCraft 2017(BIT\_12B)**. We have a **four team member**. **I am tester in this application**. Our **team member** is very **conscious**. Every person was **doing self responsibility** with perfectly. For that our application is properly successful. We are **distribution our application task** and we are completed our task appropriately. Each person was own responsibility which **there are play different role**. like-**1<sup>st</sup> of database design & programer,2<sup>nd</sup> of system analyst,3<sup>rd</sup> of UI design and 4<sup>th</sup> of system tester**. The system **analysts are identifying all of requirement** in this application that is needed. **I was helped in requirement analysis** will be identify. I have **identified agile scrum methods** from our application. For that the analyst and me we are very active for the requirement. We are many hard works for this application requirement. Than we are **all communication** for requirement if any **change or any requirement** are needed. We know every person view and then we apply this. The **programmer was very hard work for this application** and he was very active person. Similarly he analysts design and a greater database solution. And the **UI designer was design carefully**. Because the application **was built up this view**. So his **communication continuously** all the **team member** and he know **our view and apply** if needed. **After developing I have test the program**. and **if any problem in this application than I have suggest** we are need some **change** for When the **programmer** is **completed one part than he show me program for testing**. Than I have **tested program** our better application. Than the programmer **change the problem and aging show me application**. **If the application run properly** then the program **feedback is right** from **me for programmer**. If the application is show **any error** than **I have suggested change** the program and no error message is show. If **any team member want to suggest** other **change** for our better application than **if is needed the programmer is consider** this. **I was very careful about my quality**. After **finishing every sprint** I have **ensure the quality first**. I have **provides all time any update or any information** that we are need. The **testing part is really excellent** and that was another key point of our team success. So our team members are very active. For that our applications run successfully. Because we are commutation all time. I have **enjoyed my testing**. Overall **our team member performance is very excellent**.

- For a successfully **group work** the team should include with the **correct skills**. Each team member hard work can be **calculated beside a few criteria**. Including this:

Evaluated Criteria					
No	Name	Mohammad Abu Sahadat	Md.Mahbub Alom	Md.Mosiur Rahman	Fatema Akter
01	<b>System Analyst</b>	9	10	9	10
02	<b>UI Design</b>	9	9	10	9
03	<b>Database Design &amp; Programmer</b>	10	9	9	9
04	<b>System Tester</b>	9	9	9	10
05	<b>Scrum meeting</b>	10	10	10	10
06	<b>Communication skills</b>	10	10	9	10
07	<b>Team work</b>	10	10	10	10
<b>Total=70</b>		67	67	66	68

**Figeur.NO:17- This table for team evaluated criteria**

## **6. Self evaluation:**

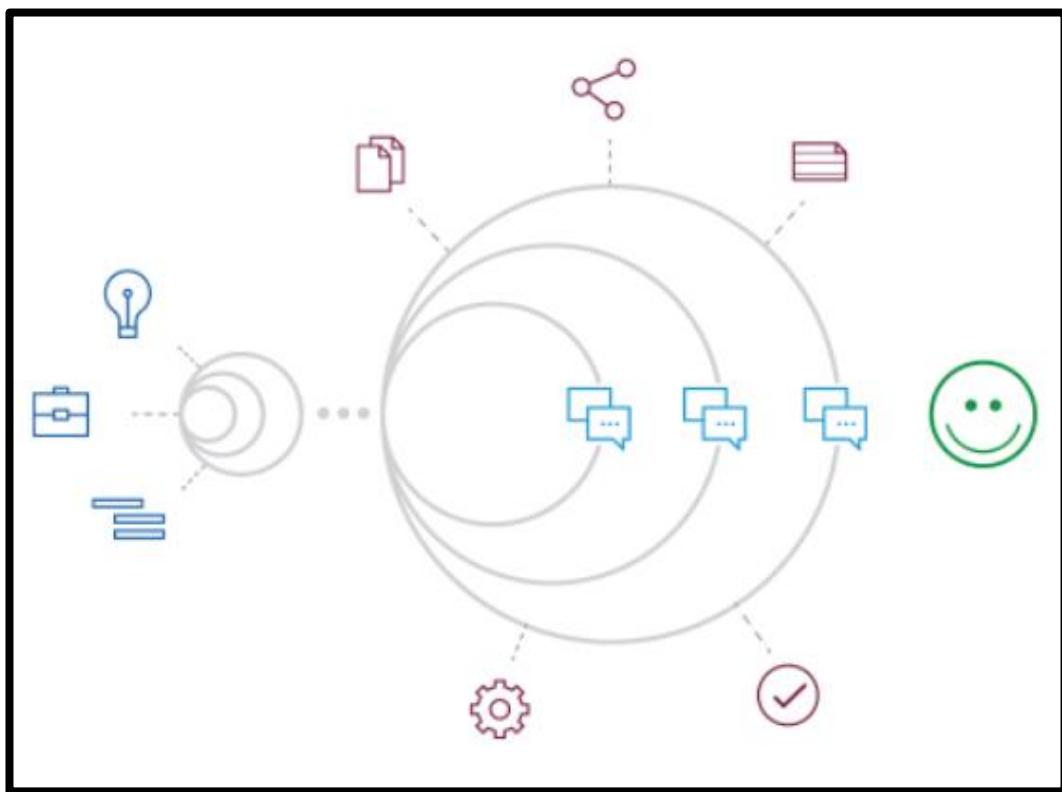
Our application name is **extenuating Circumstances (EC)**. My role is **tester** in this application. I am tester in our team **but my roles work was not limited** with **testing** I will helps system analyst for system product backlog. All of the roles must extra effort. I have **given my effort hardly**. I was **hold for program development**. I have **communicated with my team member** frequently when I needed **any solution of any doubt** or they need them. I have **participated must meeting time weekly**. But I have **communication with programmer regularly** for better **program testing or any error or any information missing**. When **I was found something is missing or any information not show** on than **I feedback give programmer**. I have **test every part** in my application. I **have testing our program different way**. There are **many kinds of testing** I have **applied in this application**. Such as- **Black box testing, White box testing, Unite tests, Functional testing, System testing, Validation testing, Usability testing, Crowd testing, Security testing, Responsive testing, Cross browse testing and Data integrity testing**. Every testing inside have different function part .I have **test all the function part very carefully**. I have **found all the information inside testing**. Our **application have full completed as requirement**. I **have active all time for better application**. All function is **successfully run** in this application. So my test is run successfully. Overall **I will give try my best effort** to build the team energetic and comfortable for all of us.

## **7. Quality of documentation:**

I think **I have maintains the complete professional standard** for my documentation. Because my documentation, I have testing all the part and some analysis part in this application requirement. In this assignment I have present all the **information as requirement**. Such as-I have **use header page, page number, table of content, heading, figure caption, and no cropped image show and no any grammatical errors** all so I have follow profession standard and no any share contain. I have maintains all the things. So I think it is standard documentation from my option.

## 8. Methodology use:

*This is group work application so we like to prefer agile methodology.* There are **many kinds of framework** existed for the agile. The **Agile policy encompasses the design of some pre-existing methodologies** including: Dynamic System Development Method (**DSDM**), Pragmatic Programming, **SCRUM**, Adaptive Software Development (**ASD**), Feature-Driven Development, Extreme Programming, Lean Development and Crystal, (Anon., n.d.) Here we are used one of most popular framework scrum as our assignment requirement. The scrum methodology that are enabling the team work. Our **team has four members** and **we divided different role** of the project. **Scrum will be lots of helps in dividing the whole project. We built up our project follow scrum.** (Anon., n.d.) So we need to very careful during development meeting.



**Figeur.NO:18- This display for agile methods**

## **9. Conclusion:**

In this group work my **role is tester** and I will help analyst. We will **complete this application I have many lesson gain**. Because **we are connected each other** all time for better development. In this **application I have gain many knowledge**, such as: **agile methodology, how to created design interface, how to design database, and how to program development as well as testing is known very Wally**. This is **my first live web hosting project**. Here I have learn very popular framework **scrum, laravel, SQL, javascript , CSS etc** .but also I have know **how to program testing different way** that is learn. So **over all I have many experience gain in this project**. That will **give me knowledge** for **further development and testing system**.

## Bibliography

- Anon., n.d. */agile-101/*. [Online] Available at: <https://www.versionone.com> [Accessed 18 March 2017].
- Anon., n.d. */differences-between-black-box-testing-and-white-box-testing/*. [Online] Available at: <http://softwaretestingfundamentals.com> [Accessed 30 March 2017].
- Anon., n.d. */en/agile-transition/*. [Online] Available at: <http://www.agile42.com> [Accessed 31 March 2017].
- Anon., n.d. */search?q=white+box+testing+with+picture&client*. [Online] Available at: <https://www.google.com> [Accessed 28 March 2017].
- Anon., n.d. */unit-testing/*. [Online] Available at: <http://softwaretestingfundamentals.com> [Accessed 24 March 2017].
- Anon., n.d. */white-box-testing/*. [Online] Available at: <http://softwaretestingfundamentals.com> [Accessed 27 March 2017].
- Anon., n.d. *validation\_testing.htm*. [Online] Available at: <https://www.tutorialspoint.com> [Accessed 20 March 2017].

## 10. Appendix-A

### Testing

#### Test plan and test log:

Test plan:

**Test part is the very important** for the **software system**. Because it is the **one way for know the system run properly or not**. **Dependent on testing the program will be launch or not**. For the reason the **testing is the very important part for the system**. So **I have some test plan for our program**. There are many type of software testing but here I have some testing is selected for our program. **Including this**:

- **Black box** testing
- **White box** testing
- **Unit** testing
- **Functionality** testing
- **System** testing
- **Validation** testing
- **Usability** testing
- **Crowd** testing
- **Security** testing
- **Responsive** testing
- **Cross browser** testing
- **Data integrity** testing

Here I have show some product backlog and user story. Which I have described all the testing by based on product. Table for product backlog and user story, including this:

**Product backlog and user story:** Table **for product back log** and **user story**.

No	Type of user	Story of user	Type of story
01	EC Manager	EC manager have access ability of Over view the process But EC manager cannot process any claim	Story
02	EC Coordinator	All faculty have EC coordinator EC coordinator is responsible for their faculty process managing EC coordinator Claim process within 14 days EC coordinator Assess student claim in their faculty EC coordinator have ability of process approve or reject student claim	Story
03	Student	All student submitted EC claim one or more Student Claim will be any item of assessment Student Upload image or PDFs for as a clam supporting evidence Student Claim cannot process without evidence upload All New claim are disable after closure date But the student upload evidence until final closure date Student claim submitted by Email notification Student Received email and once claim is processed containing decision. Student View own claims and make decision	Story
04	Faculty	One or more claim by student per faculty Faculty Analysis available All faculty have EC coordinator Faculty Process managing by EC coordinator	Impressive
05	EC Administrator	EC administrator Maintains system any data. Like- password and student. EC administrator Maintains Closure date for each academic year. EC administrator Maintains Assessment items and due date.	Impressive

**Figure.NO:1-This is for dashboard output**

Now I have discussed all the testing with screenshots. Including this:

### Black box testing:

Internal system design is not measured in this type of testing. (Anon., n.d.) Tests are based on functionality and requirements. For **the black box testing** I have to make sure all the **functionality and requirements are running properly** or not. For that I have some testing. Including the list of testing task:

- **Login** Test
- Testing for **forgot password**
- Testing for **Registration page**
- Testing for **Dashboard** function
- Testing for **about EC**
- Testing for **about service**
- Testing for **contact**
- Testing for **login**
- Testing for **register**
- Student **Claim submit verify**
- View claim for with **evidence**
- View claim for **without evidence**
- **Report** for EC coordinator
- **Search option** test
- **Course created** verify
- **Subjects create** verify
- **Academy year** created verify
- **Faculty Created** verifies
- Testing for **Error handling**
- Student Claim accepts or not verifies

- Error handling for ***student claim***
- ***Error handling*** for student claim register
- Student Claim ***accepts or not verifies***
- Upload image ***PDFs file*** with evidence verify
- ***E-mail sending*** verifies
- After close date new claim disable verify
- Each ***faculty access*** claim verifies
- Test for admin/user oversee ***all the process***

## Login Test:

### Testing for login:

- When the application is ***open this serene will be show.***
- Then there are ***“five item” of this application.*** Here I have ***choose login option*** for ***login testing.*** Now I have click on login option for testing.

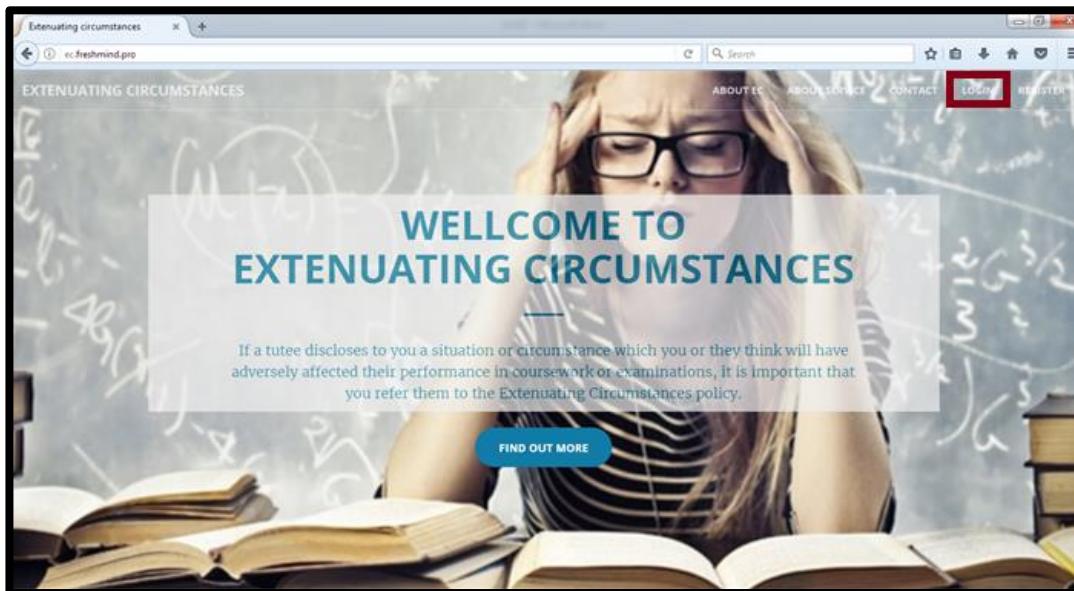


Figure-This display for dashboard

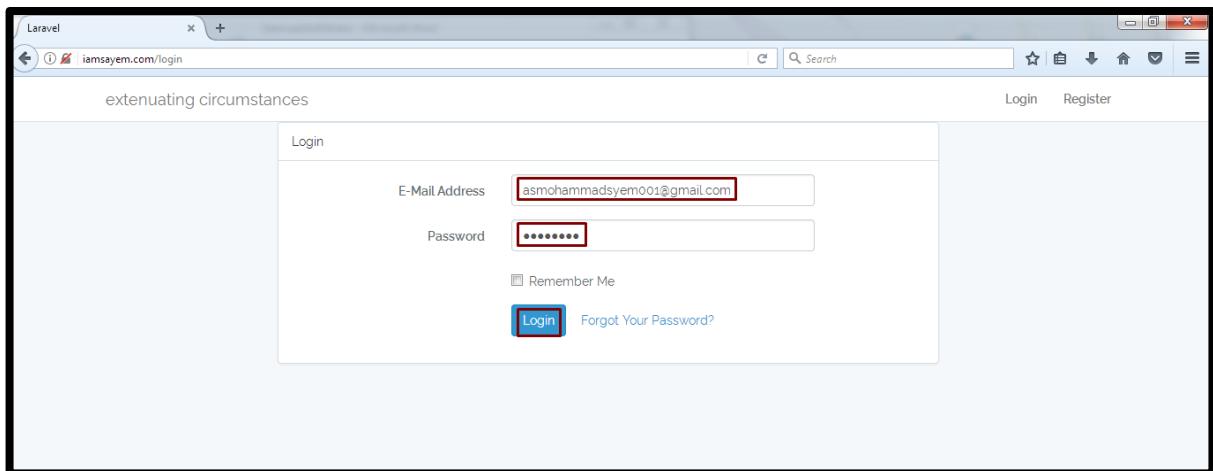
- After the ***function run successfully***, this login page is show. Here we will be ***fill up this page for login***. This login page for all ***user and administration***.

The image shows a basic login interface. At the top left is the word "Login". Below it are two input fields: one for "E-Mail Address" and one for "Password". To the right of the password field is a "Remember Me" checkbox. At the bottom are two buttons: a blue "Login" button on the left and a link "Forgot Your Password?" on the right.

**Figure-This display for login page**

#### Testing for Admin login:

- Here I have ***fill up login page as an admin*** login test.
- Here my admin name is "[asmohammadsyem001@gmail.com](mailto:asmohammadsyem001@gmail.com)" and Password "**Aa123456@**"



**Figure-This display for admin login**

- **Output:** After the login ***function runs successfully***, this screen is show.
- This **page is for admin area**.

First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Fatema	Akter	muktahannan@gmail.com	Department of BBA	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Information Technology	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Moshuier	Rahman	mahbub_alom@outlook.com		EC manager	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Fatema	Akter	fa123akter@gmail.com	Department of Information Technology	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Fatema	Akter	fatemaakter1148@gmail.com		EC administrator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of BBA	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>

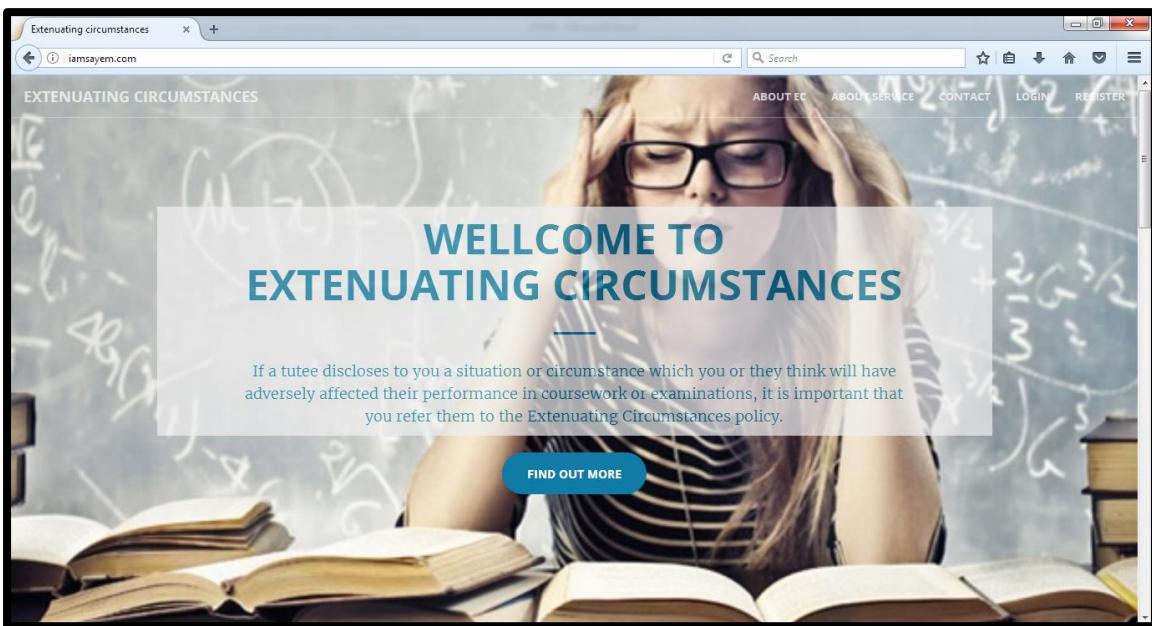
Figure-This display for output admin

- Here I want to **test logout function**. So I have click on **logout option**.

First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Fatema	Akter	muktahannan@gmail.com	Department of BBA	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Information Technology	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Moshuier	Rahman	mahbub_alom@outlook.com		EC manager	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Fatema	Akter	fa123akter@gmail.com	Department of Information Technology	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Fatema	Akter	fatemaakter1148@gmail.com		EC administrator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of BBA	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>

Figure-This display for when logout function

**Output:** after the **logout function run successfully**. And this dashboard is show on.



**Figure-display for after logout function**

## Testing for EC coordinator login:

- Now I have test **EC coordinator login**.
- Here the EC coordinator **Email address is “fa123akter@gmail.com”** and **password is “Aa123456@”**. Now I click on login option for testing.

Laravel

iamsayem.com/login

Login

E-Mail Address: fa123akter@gmail.com

Password:

Remember Me

**Login**   [Forgot Your Password?](#)

Figure-This display for EC coordinator login page

- Output:** after the login function **run successfully**.
- And this page is show on.

iamsayem.com

Would you like Firefox to remember this login?

fa123akter@gmail.com

\*\*\*\*\*

Show password

**Remember**

Show 10 entries

Claim title Student Subject Remaining days Status

Can't submit assignment due to illness Mohamamd Sayem CCNA 14 New

View

Showing 1 to 1 of 1 entries

Previous 1 Next

Search:

Student list

Show 10 entries

First Name Last Name Faculty View Access to website

Mohamamd Sayem Department of Information Technology

View

Showing 1 to 1 of 1 entries

Previous 1 Next

Save

Figure-run successfully login page

- Now here I have ***test logout function***.
- After I have “***click on logout option***” for testing.

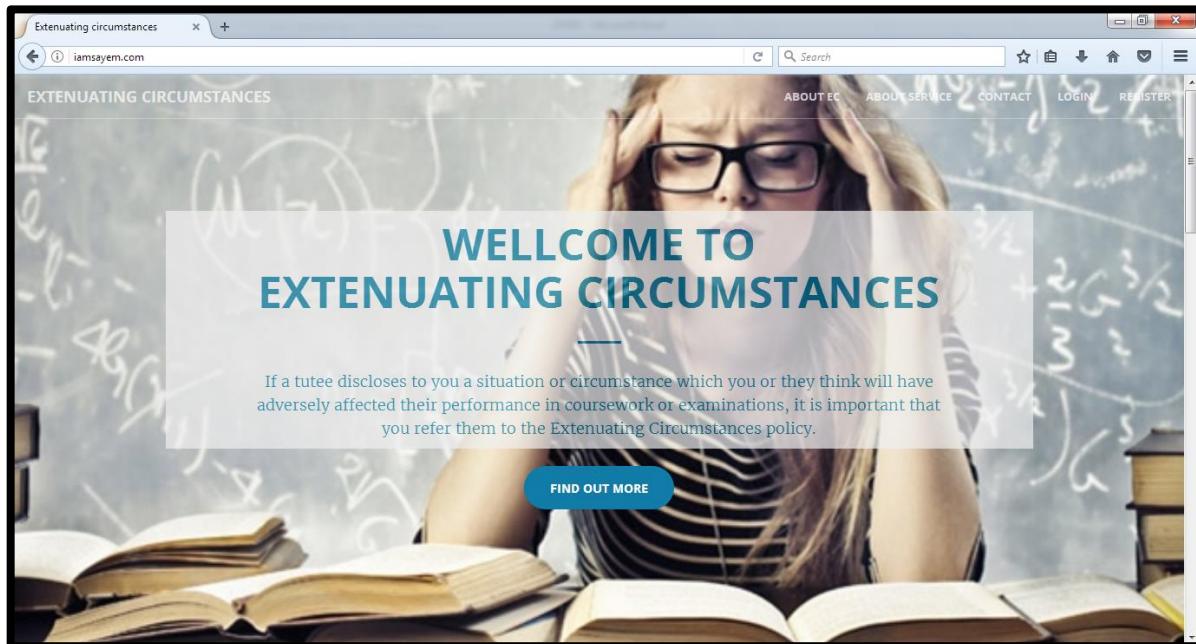
The screenshot shows a web application interface with two main sections:

- Claim list:** A table with columns: Claim title, Student, Subject, Remaining days, Status. One row is shown: "Can't submit assignment due to illness" by "Mohamamd Sayem" (Subject: CCNA, Remaining days: 14, Status: New). Buttons include "View" and "Logout".
- Student list:** A table with columns: First Name, Last Name, Faculty. One row is shown: "Mohamamd Sayem" (Faculty: Department of Information Technology). Buttons include "View" and "Access to website".

At the top right, there's a "Logout" button highlighted with a red box. The URL in the address bar is `iamsayem.com/coordinator`.

**Figure-This display for logout page**

- Output:** after the ***logout run successfully*** and this screen is show.



**Figure.NO:1-after logout successfully**

## Testing for Administrator login:

- Now I have **test EC administrator login**.
- Here the EC administrator **Email address is “[fatemaakter1148@gmail.com](mailto:fatemaakter1148@gmail.com)”** and **password is “Aa123456@”**. Now I have “**click on login option**” for testing.

The screenshot shows a browser window with the title "Laravel". The address bar contains "iamsayem.com/login". The main content is a "Login" form with the following fields:

- E-Mail Address: fatemaakter1148@gmail.com
- Password: (redacted)
- Remember Me: (unchecked)
- Login: (blue button)
- Forgot Your Password?: (link)

Figure-This display for administrator login page

- Output:** after the **login administration**.
- The functions **run successfully**. And this page is show on.

The screenshot shows a browser window with the title "Laravel". The address bar contains "iamsayem.com/user". The main content is a table titled "Users" with the following data:

First Name	Last Name	E-mail	Faculty	Role	Access to website	View	edit
Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated		
Fatema	Akter	muktahanann@gmail.com	Department of BBA	student	activated		
Md. Mosiur	Rahman	trtarjim@gmail.com	Department of Information Technology	EC coordinator	activated		
Moshiur	Rahman	mahbub_alom@outlook.com		EC manager	activated		
Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated		
Fatema	Akter	fa123akter@gmail.com	Department of Information Technology	EC coordinator	activated		
Fatema	Akter	fatemaakter1148@gmail.com		EC administrator	activated		
Fatema	Akter	fatemaakter@dhaka@gmail.com	Department of BBA	student	activated		

Figure.NO:1-after login successfully

- Here I have **test logout function**.
- After I have “**click on logout option**” for testing.

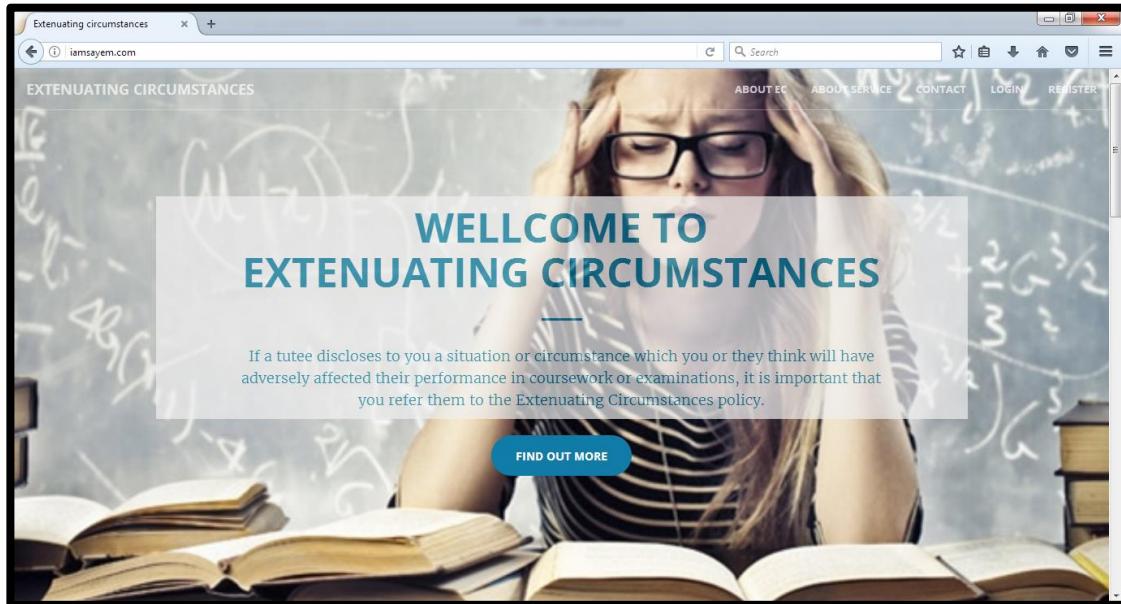
	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
<input type="checkbox"/>	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	muktahannan@gmail.com	Department of BBA	student	activated	View	Edit
<input type="checkbox"/>	Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Information Technology	EC coordinator	activated	View	Edit
<input type="checkbox"/>	Moshiur	Rahman	mahbub_alom@outlook.com		EC manager	activated	View	Edit
<input type="checkbox"/>	Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fa123akter@gamil.com	Department of Information Technology	EC coordinator	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fatemaaakter1148@gmail.com		EC administrator	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fatemaaakter0dhaka@gmail.com	Department of BBA	student	activated	View	Edit

Showing 1 to 8 of 8 entries

Previous 1 Next

**Figure-This display for logout page**

- **Output:** after the **logout run successfully** and this screen is show on.



**Figure.NO:1-after logout successfully**

### Testing for Student login:

- Now I have **test student login**.
- Here the student **Email address** is “[fatemaakter8dhaka@gmail.com](mailto:fatemaakter8dhaka@gmail.com)” And **password** is “**Aa123456@”**. Now I have click on login option for testing.

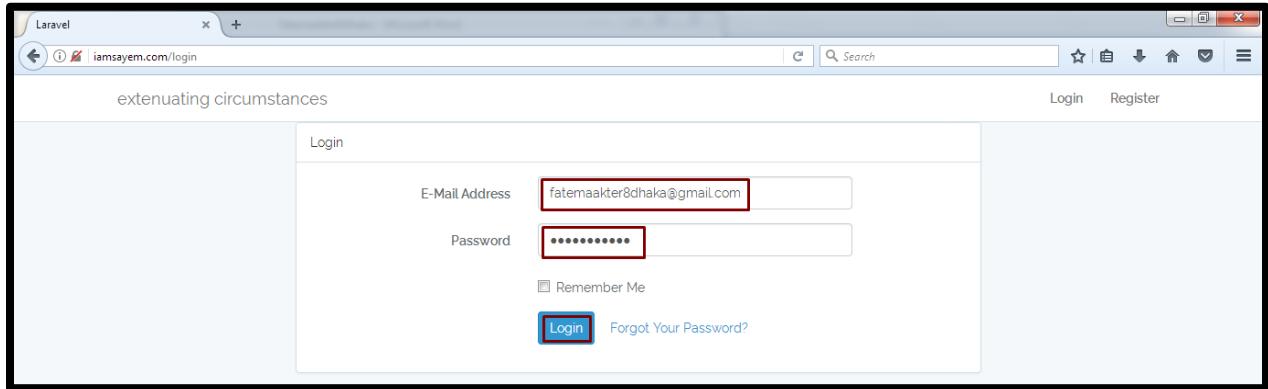


Figure-This display for student login page

- Output:** after the **login student**. The **functions run successfully**. And this page is show on. This is for **student area**.

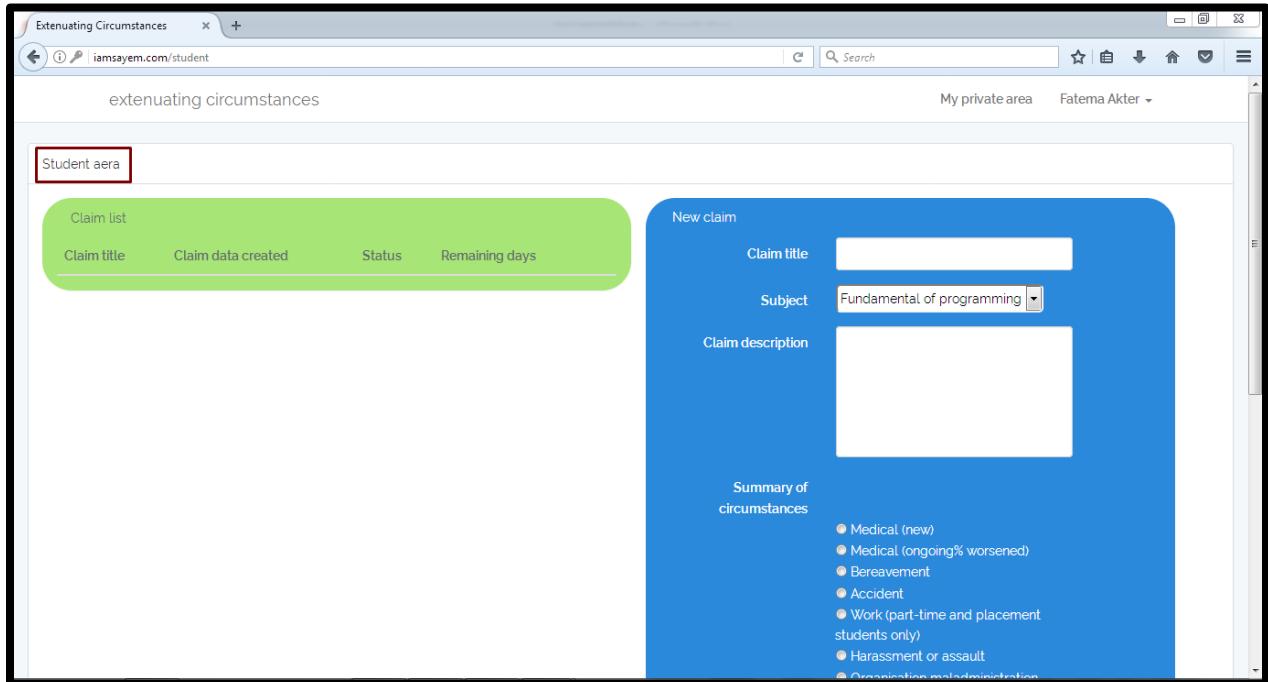
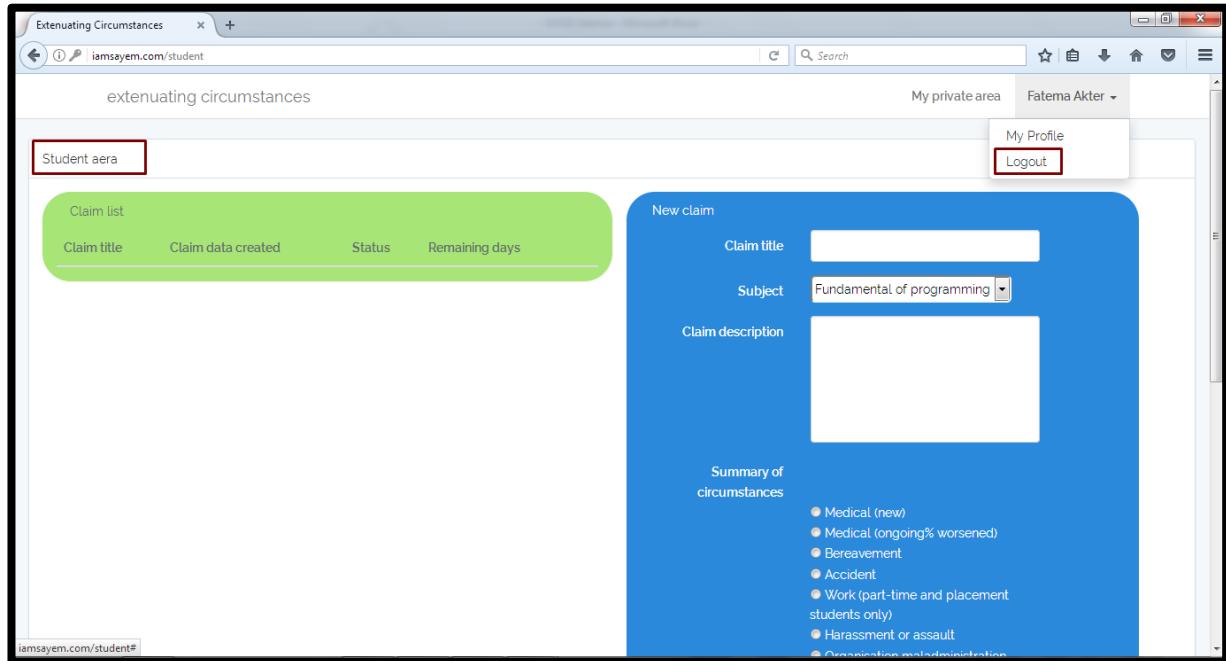


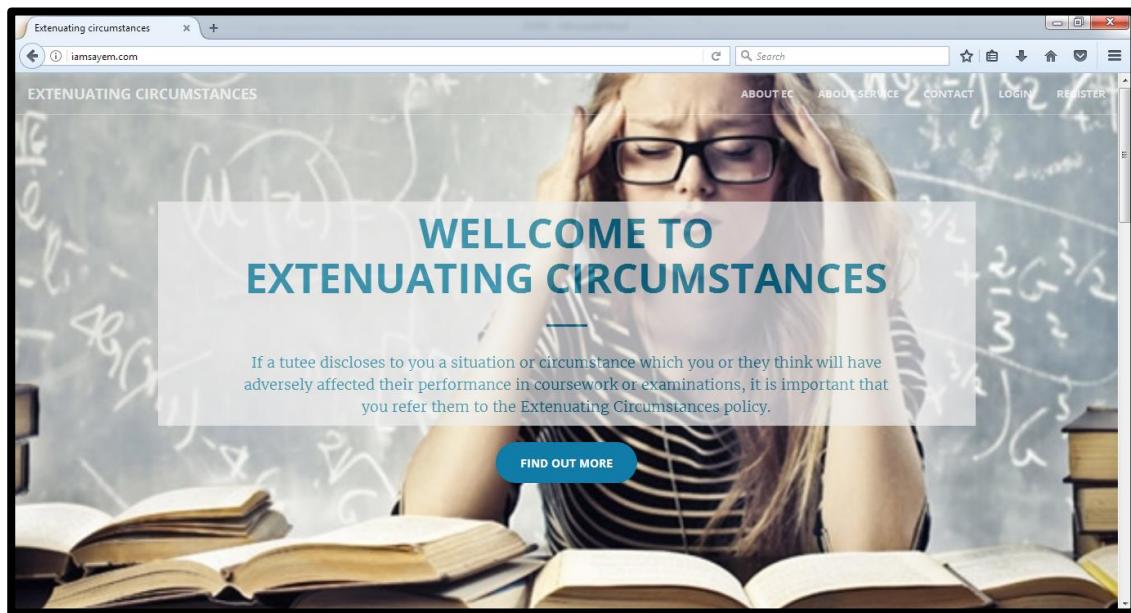
Figure.NO:1-output student login successfully

- Here I have **test logout function**.
- After I have “**click on logout option**” for testing



**Figure-This display for logout page**

- **Output:** after the **student logout run successfully** and this screen is show on.



**Figure.NO:1-after logout successfully**

## Testing for EC manager login:

- Here I have test **EC manager login**.
- Which the EC manager **Email address is “[muktahannan@gmail.com](mailto:muktahannan@gmail.com)” and password is “Aa123456@”**. Now I have click on login option for testing.

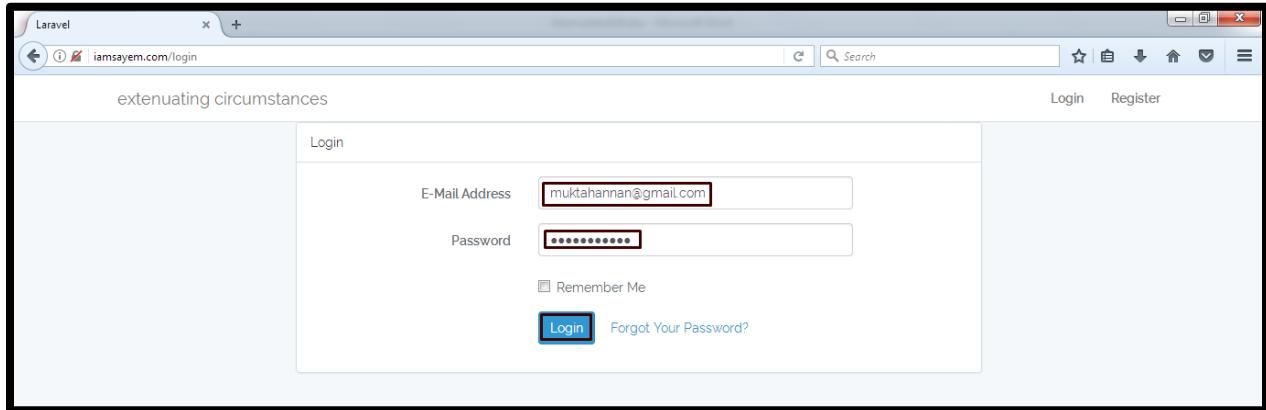


Figure-This display for EC manager login page

- **Output:** after the **login EC manager**.
- The **functions run successfully**. And this page is show on. This is for **EC manager area**.

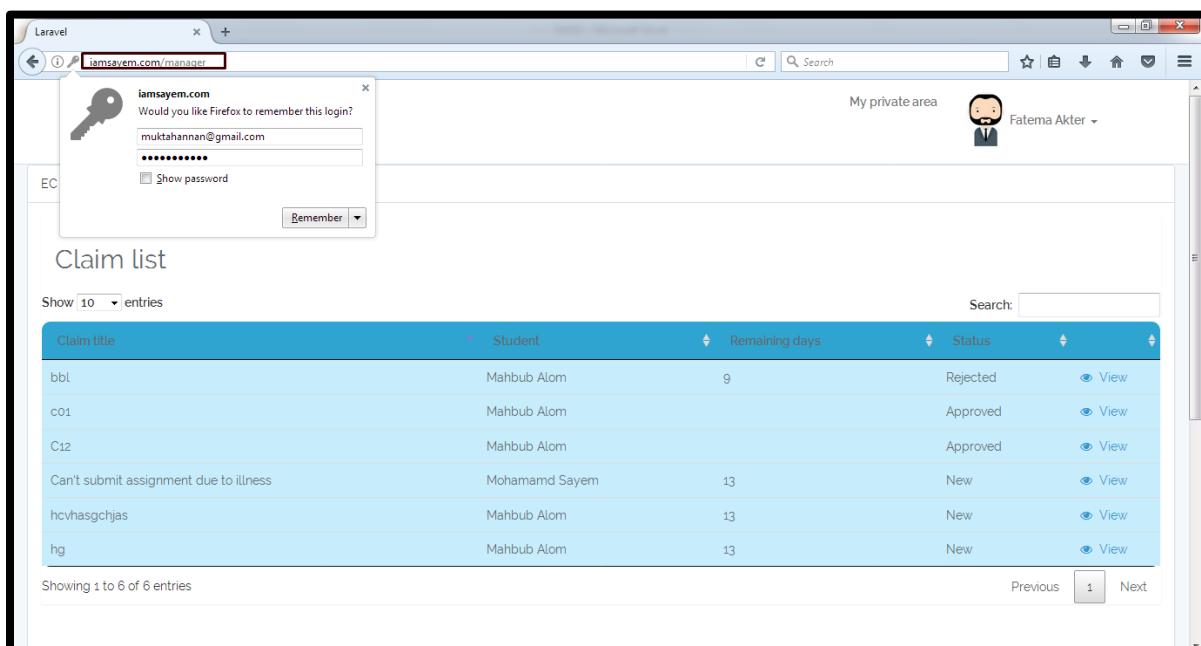


Figure.NO:1-login successfully

- Here I have **test logout function**. After I have “**click on logout option**” for testing.

The screenshot shows a web application interface for managing extenuating circumstances. At the top, there's a header with the URL 'iamsayem.com/manager' and a search bar. On the right, there's a user profile for 'Fatema Akter' with options for 'My Profile' and 'Logout'. Below the header, a navigation menu has 'EC Manager Area' and 'Reports' selected. The main content area is titled 'Claim list' and displays a table of claims. The table columns are 'Claim title', 'Student', 'Remaining days', and 'Status'. The rows show the following data:

Claim title	Student	Remaining days	Status
bbl	Mahbub Alom	9	Rejected
c01	Mahbub Alom		Approved
C12	Mahbub Alom		Approved
Can't submit assignment due to illness	Mohamamd Sayem	13	New
hcvhasgchjas	Mahbub Alom	13	New
hg	Mahbub Alom	13	New

At the bottom of the table, it says 'Showing 1 to 6 of 6 entries' and has 'Previous' and 'Next' buttons.

Figure-This display for logout

- **Output:** after the EC manager *logout run successfully* and this screen is show on.

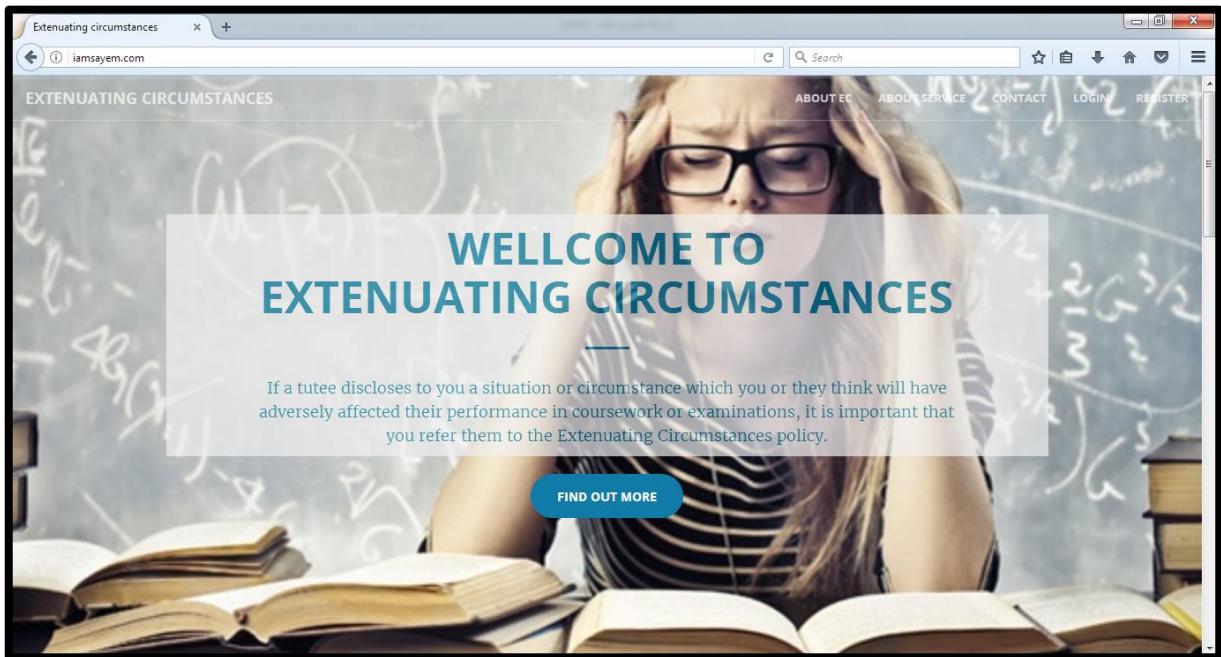


Figure.NO:1-logout successfully

Testing for forgot password:  
EC coordinator forgot testing:

- Here I have ***fill up login from as an EC coordinator*** but I have inter wrong password value for forgot password testing.
- Here the Email address is “[fa123akter@gmail.com](mailto:fa123akter@gmail.com)” but ***password is wrong*** which I have insert wrong password. The ***password is “1234567”***.and click on login test.

The screenshot shows a web browser window with the title 'Laravel'. The address bar contains 'iamsayem.com/login'. The main content is a 'Login' form titled 'extenuating circumstances'. It includes fields for 'E-Mail Address' (containing 'fa123akter@gmail.com') and 'Password' (containing '\*\*\*\*\*'). There are 'Remember Me' and 'Forgot Your Password?' links, and a blue 'Login' button which is highlighted with a red border.

**Figure-This display for forgot password testing**

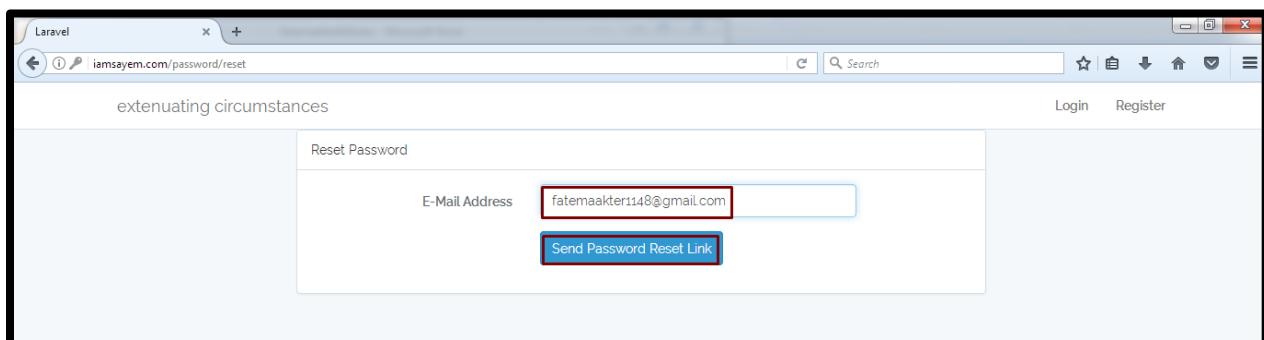
- After this page is show. Which we see on ***incorrect user name or password***.
- Now I have ***click on forgot password*** function for test.

The screenshot shows a web browser window with the title 'Laravel'. The address bar contains 'iamsayem.com/login'. The main content is a 'Login' form titled 'extenuating circumstances'. The 'E-Mail Address' field is empty and has a red border. A red error message 'incorrect user name or password.' is displayed below it. The 'Password' field is empty. There are 'Remember Me' and 'Forgot Your Password?' links, and the 'Forgot Your Password?' link is highlighted with a red border.

**Figure-This display for incorrect user name or password**

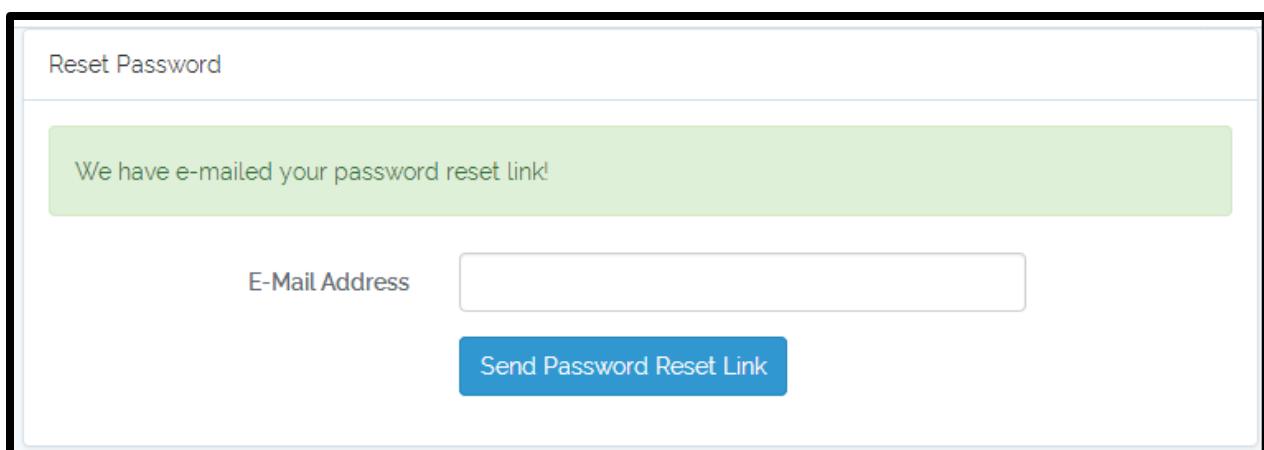
- After the screen is show on for ***reset password link***.

- Which I have written a current **Email address for password** reset link.
- And I have entered **current email address**, the address is **[fatemaakter1148@gmail.com](mailto:fatemaakter1148@gmail.com)** after I have “**click on sent password reset link**” for testing



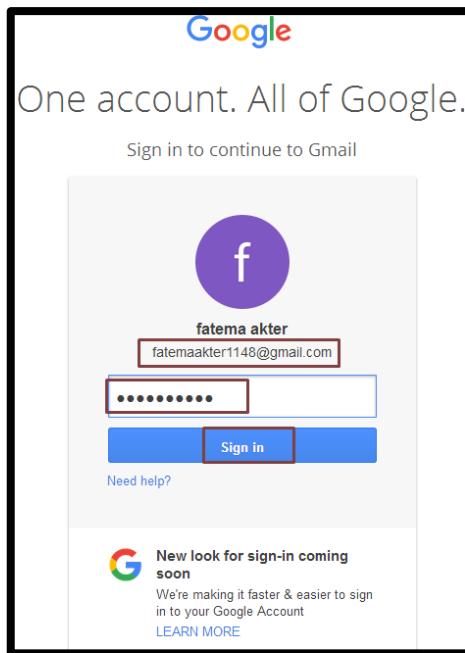
**Figure-This display for reset password**

- **Output:** after the send **password reset link run successfully** and this page show on.
- Which was writing “**we have mailed your password reset link**”.



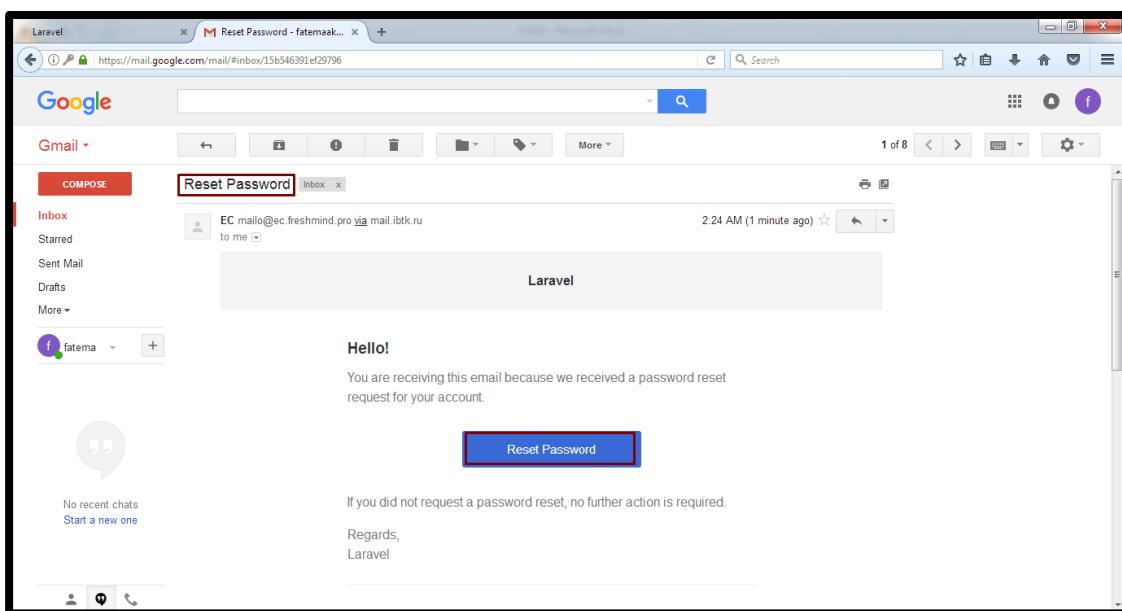
**Figure.NO:1-This display for write current email address**

- After I have log in **my current Email address** for **password reset link**.



**Figure-This display for current email address login**

- **Output:** after **Email sent reset password link**.
- Now I have “**click on reset password**” link for testing.



**Figeur.NO:1-after login password link show**

- The **function run successfully** and this page is show on for **Email address and Passwords and confirm password** then “**click on reset password**” for testing

Laravel | Reset Password - fatemaak... | Laravel

iamsayem.com/password/reset/7907dde3f1f03f9572380079fda07fd2b2d23ce0e8c38db2122584686e85f2

E-mail Address: fa123akter@gmail.com

Password:

Confirm Password:

Reset Password

**Figure-This display for recovery password**

- After this page is show on. Which **password must contain minimum one upper and lower char, digit and special char and has length minimum 8 char.**
- I was insert wrong contain so this page is show.

Laravel | Reset Password - fatemaak... | Laravel

iamsayem.com/password/reset/7907dde3f1f03f9572380079fda07fd2b2d23ce0e8c38db2122584686e85f2

E-mail Address: fa123akter@gmail.com

Confirm Password:

Reset Password

Password must contains minimum one upper and lower char, digit and special char and has length minimum 8 chars

**Figure-This display for maintain contain**

- After I have **maintained all contains requirement**.
- Now this page is **fill up contain full**. And I have click on **again reset password**.

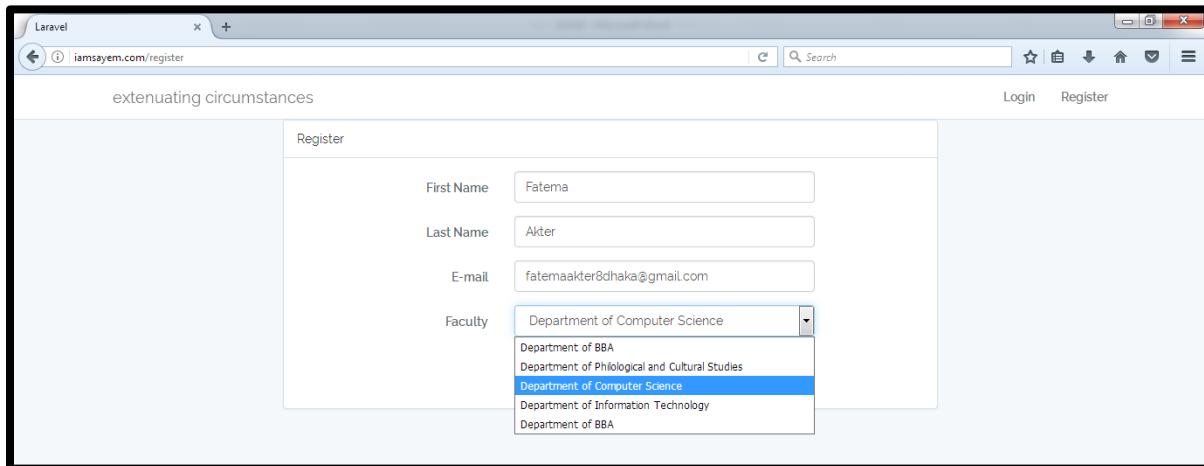
The screenshot shows a browser window with a "Reset Password" form. The URL in the address bar is <http://iamsayem.com/password/reset/7f907dde3ff03f9572380079fd07fd2b2d23ce0e8c338db2122584686e85f2>. The form has three fields: "E-Mail Address" (fa123akter@gmail.com), "Password" (a series of asterisks), and "Confirm Password" (a series of asterisks). Below the "Password" field is an error message: "Password must contains minimum one upper and lower char, digit and special char and has length minimum 8 chars". At the bottom is a blue "Reset Password" button.

**Figeur.NO:1-maintain password contain**

## Testing for Registration page:

### Testing For user/student claim:

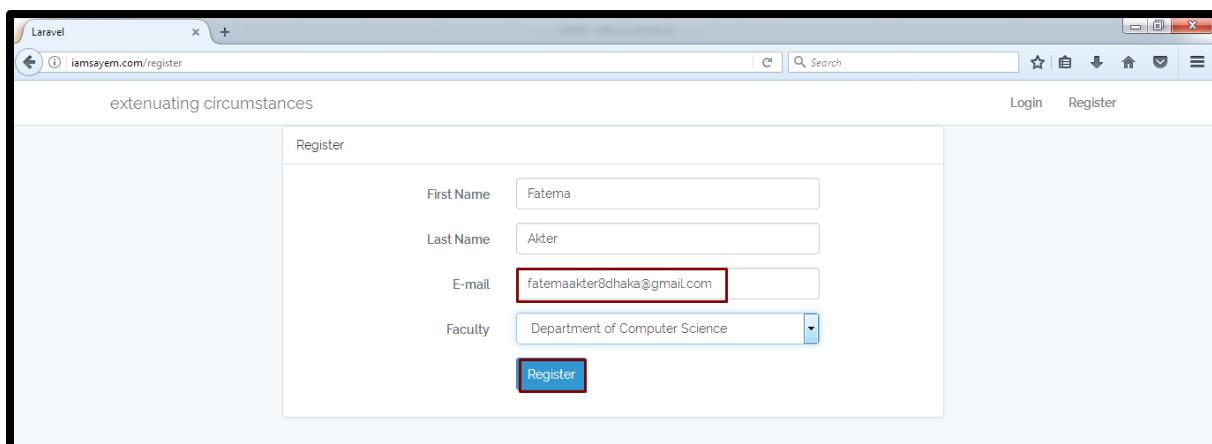
- This is **registration page**. This page is for student.
- Which the student will be registration. This from have **first name, last name, Email address and faculty**. Which the student chose faculty name.



The screenshot shows a registration form titled "Register". The fields filled are First Name (Fatema), Last Name (Akter), and E-mail (fatemaakter8dhaka@gmail.com). The Faculty dropdown menu is open, displaying several options, with "Department of Computer Science" highlighted in blue.

Figure-This display for register page

- Here this from I have fill up as a **one student for testing**.
- My **first name is "fatema" last name is "akter" Email address is "[fatemaakter8dhaka@gmail.com](mailto:fatemaakter8dhaka@gmail.com)"** and I have chose faculty **department of computer science**.after click on register for claim testing.



The screenshot shows the same registration form as before, but now the "Register" button at the bottom has a red border, indicating it has been clicked. The other fields and dropdown state remain the same as in the previous figure.

Figure-This display for click on register

- After this page is show on.

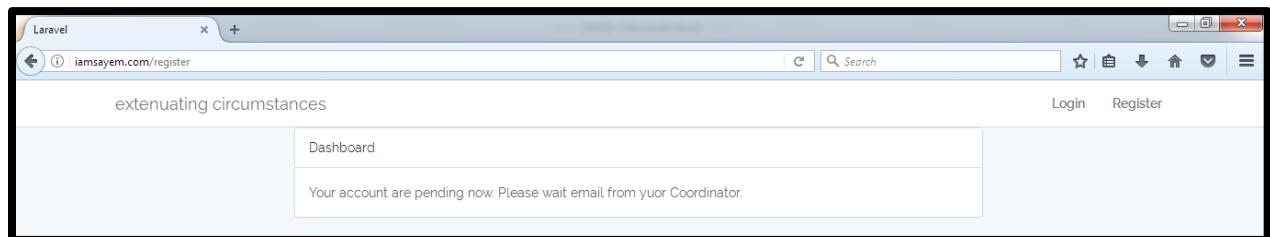


Figure-run successfully register

- Now I have **checked my email address** for **registration conformation**.

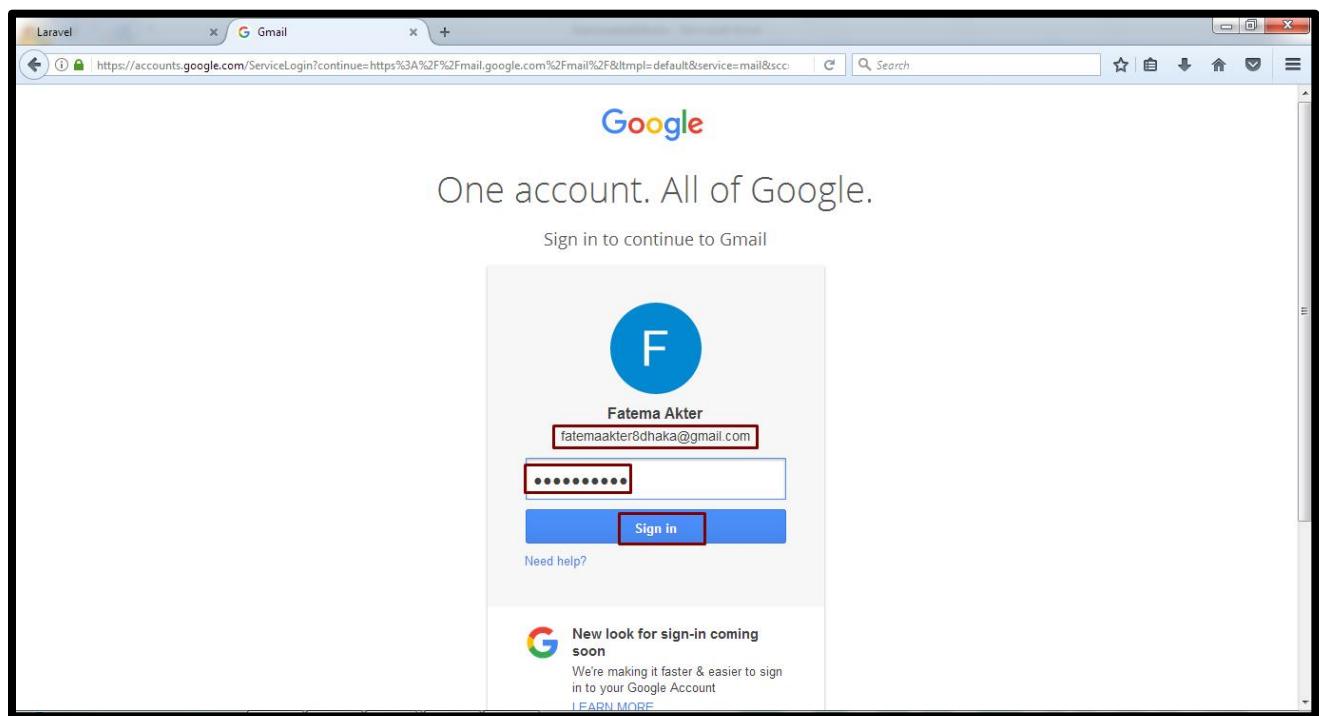
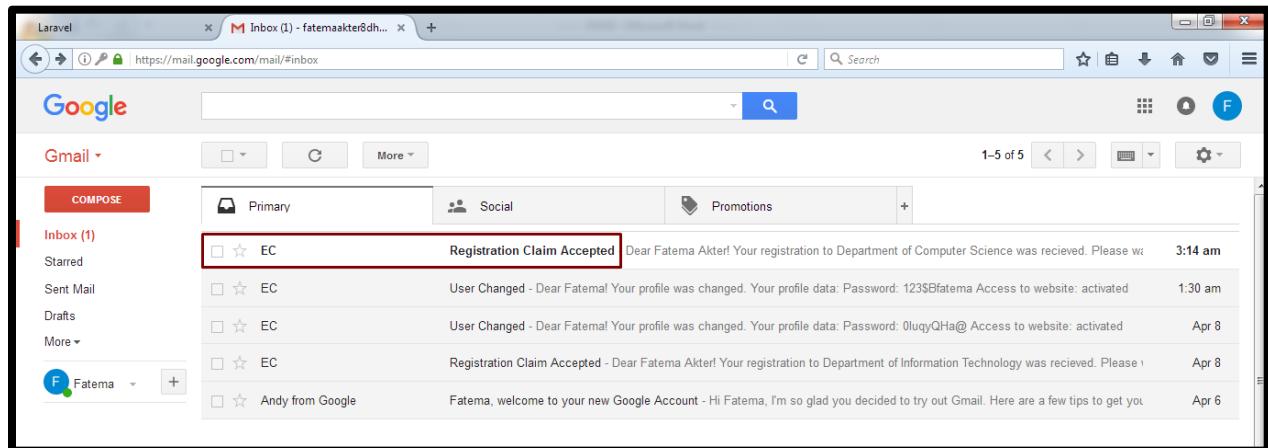


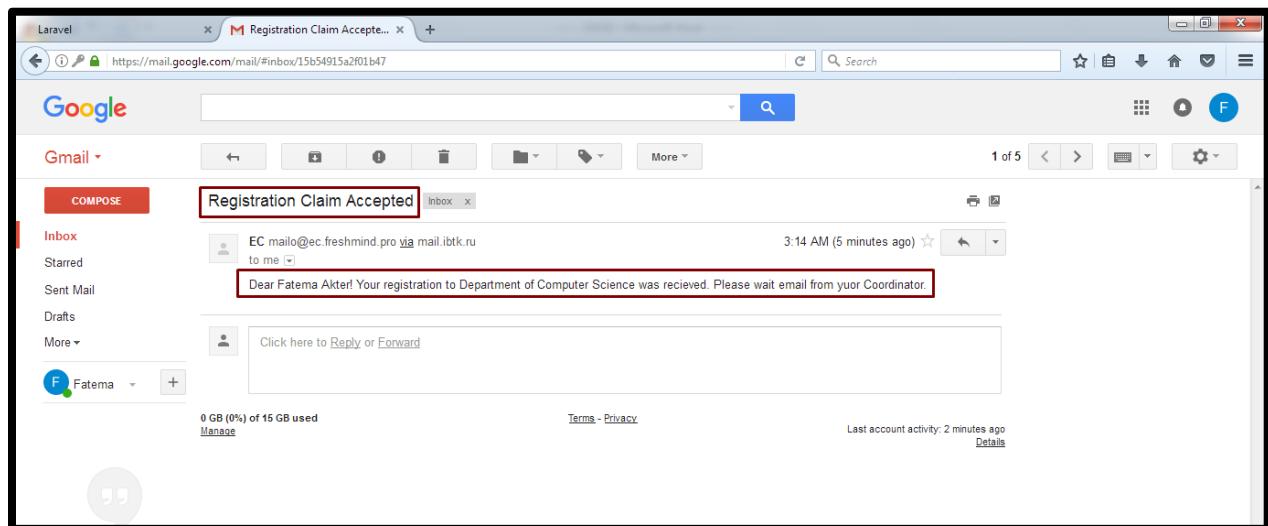
Figure-This display for mail login page

- The registration **claim accepted**. The **registration run successfully** test.
- This screen for **email confirmation** from EC coordinator.



**Figure-This display for mail confirmation**

- **Output:** here the **conformations open successfully**.



**Figure-This display for view confirmation**

## Testing for Dashboard function:

- Our application has **five options**. Such as: **about EC, about service, contact, login and register.**
- So I have **testing all the function properly.**

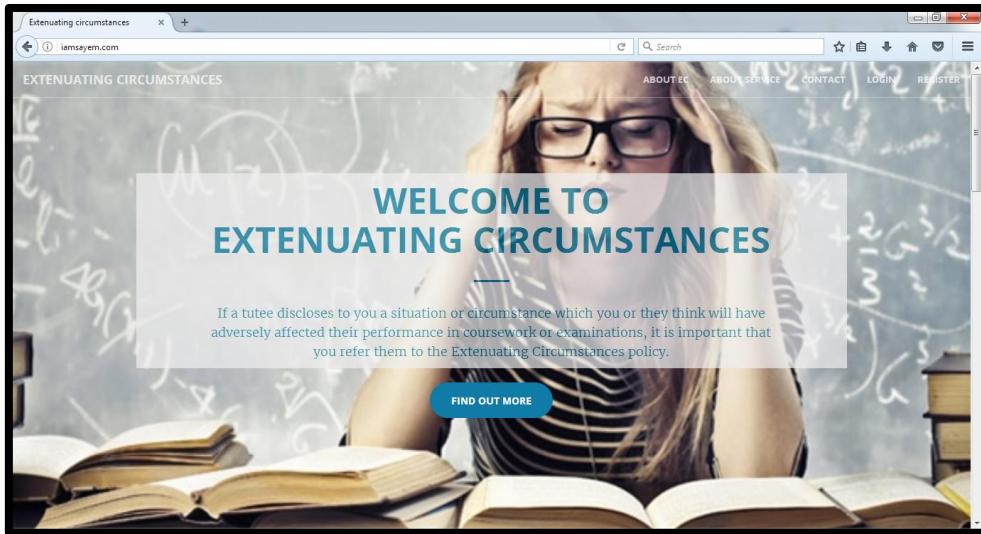


Figure-This display for dashboard function

## Testing for about EC:

- Now I have **test “about EC” function**. After I have **“click on about EC”** for testing.

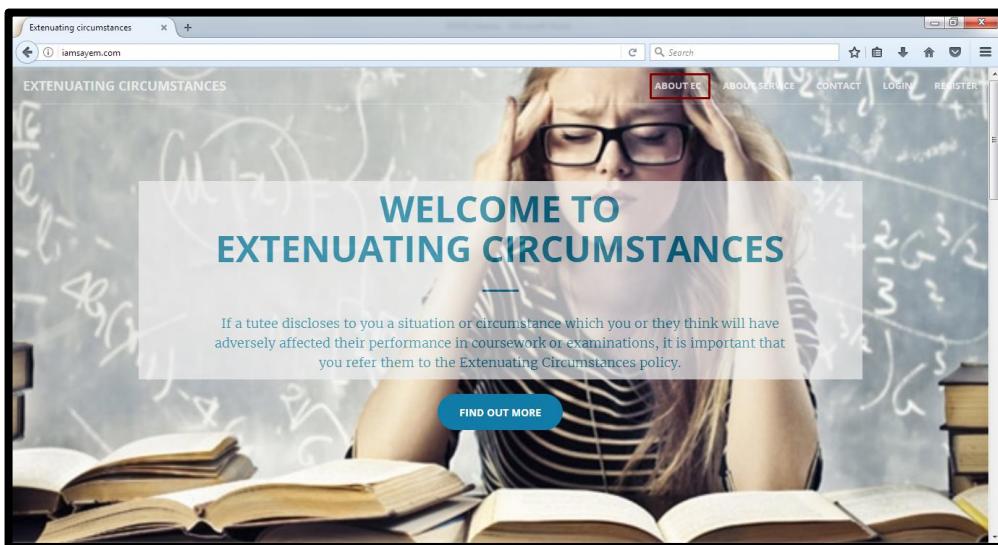
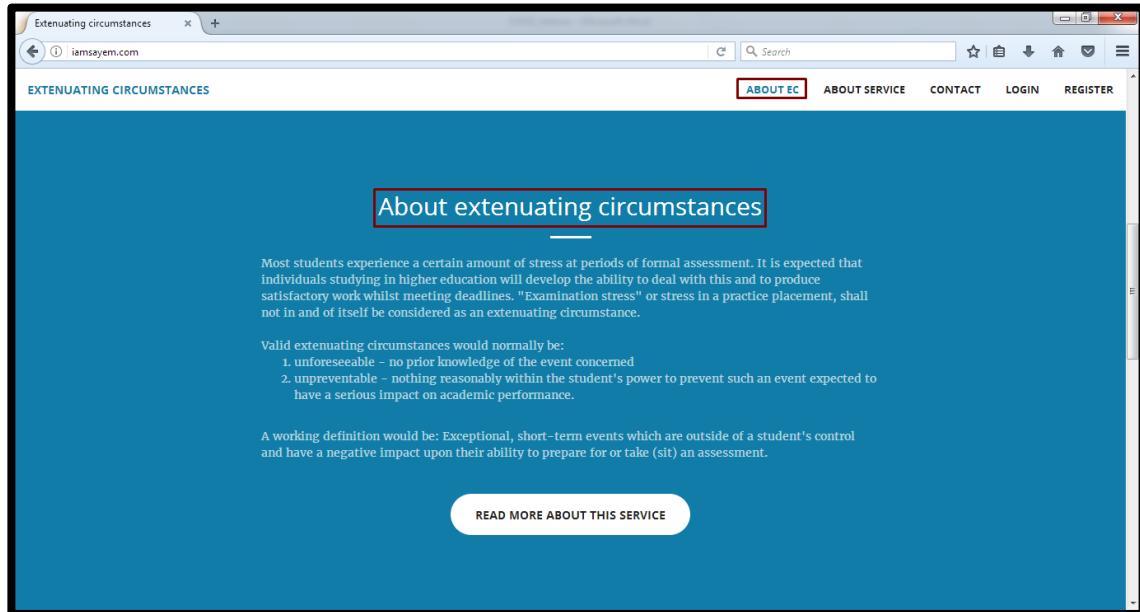


Figure-This display for about EC

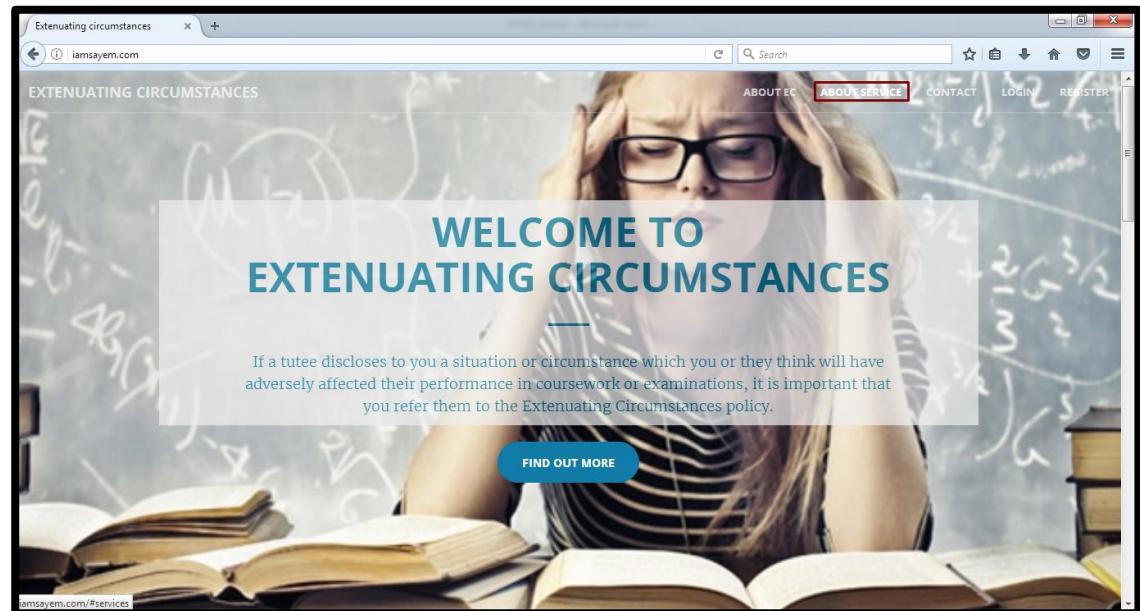
- **Output:** After this page show. That means the ***function run successfully.***



**Figure.NO:1-function run successfully**

#### Testing for about service:

- Here I have test "**about service**" function. I have "**click on about service**" for testing.



**Figure-This display for about service**

- **Output:** After this page show on. The function ***runs successfully***.

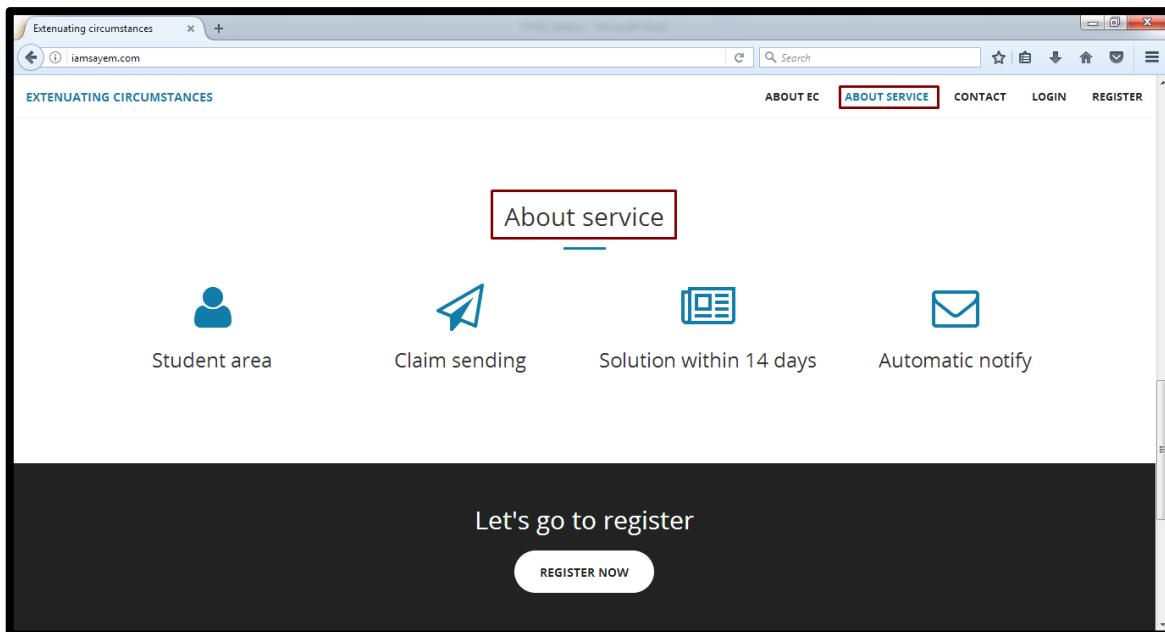


Figure.NO:1-output run successfully

### Testing for contact:

- Here I have test "**contact**" function. I have "**click on contact**" for testing.

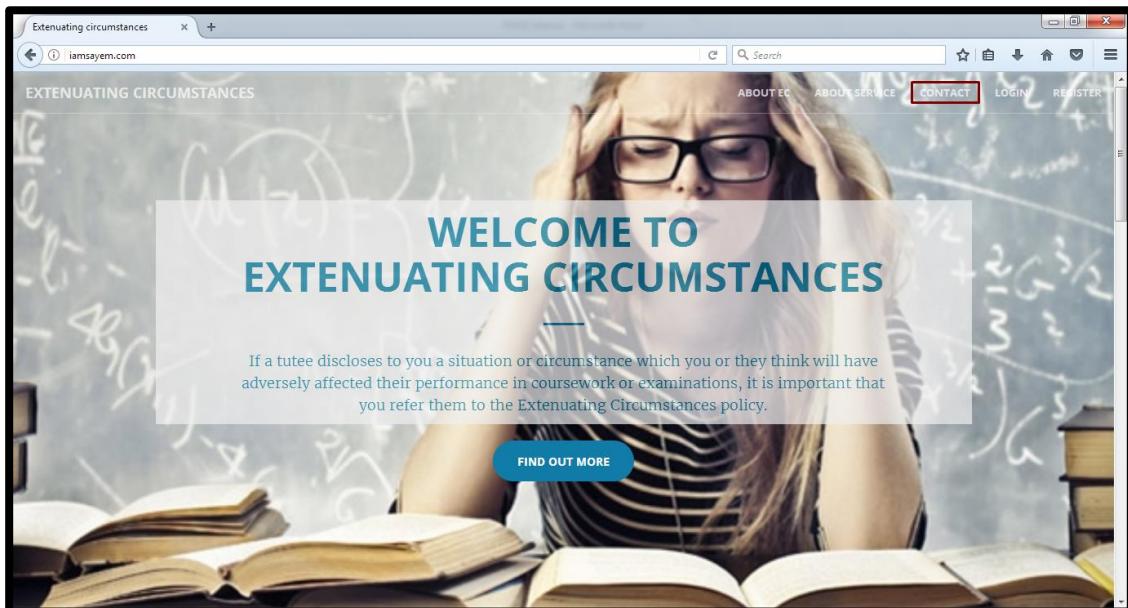
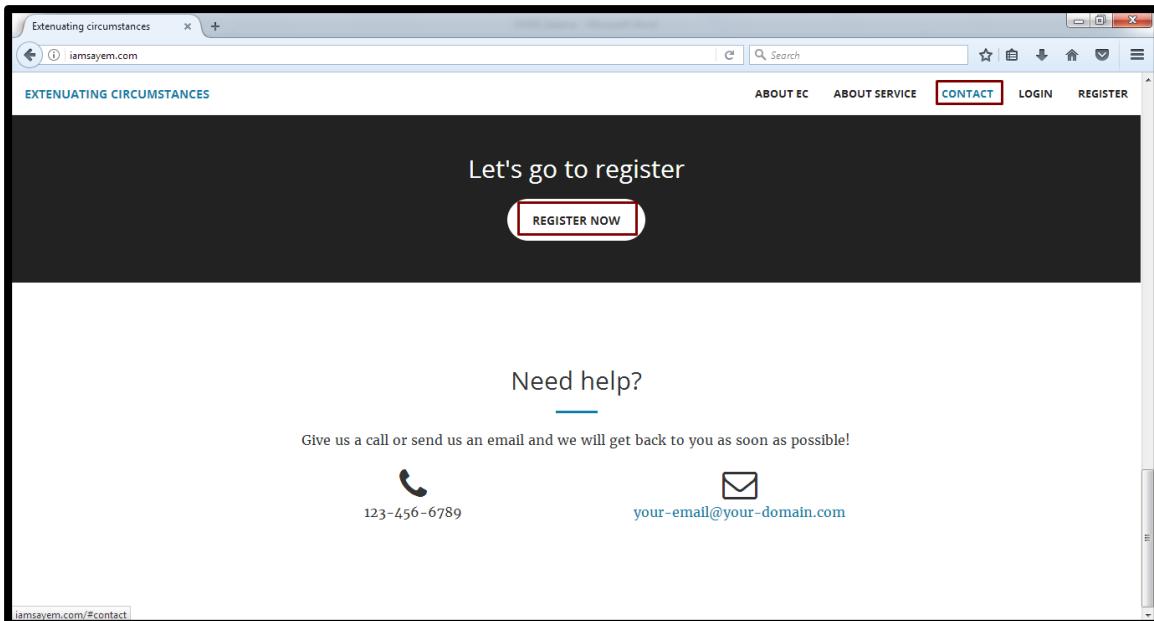


Figure-This display for contact function

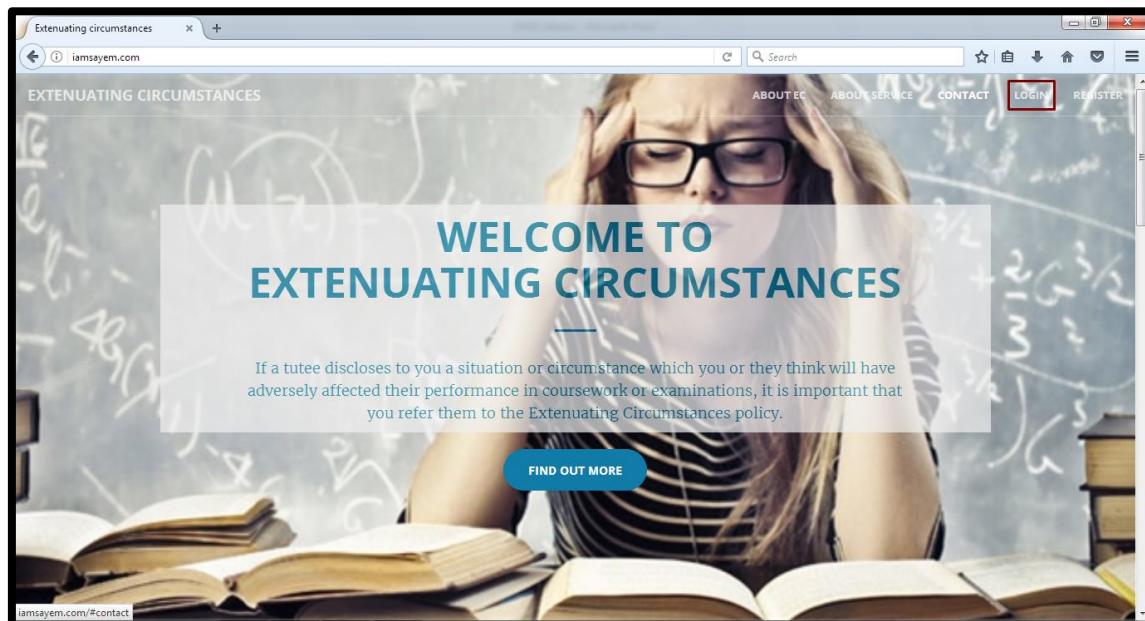
- **Output:** After this page show on. The contact ***function runs successfully.***



**Figure-This display for function run successfully**

### Testing for login:

- Here I have test “**login**” **function**. I have “**click on login**” for testing.



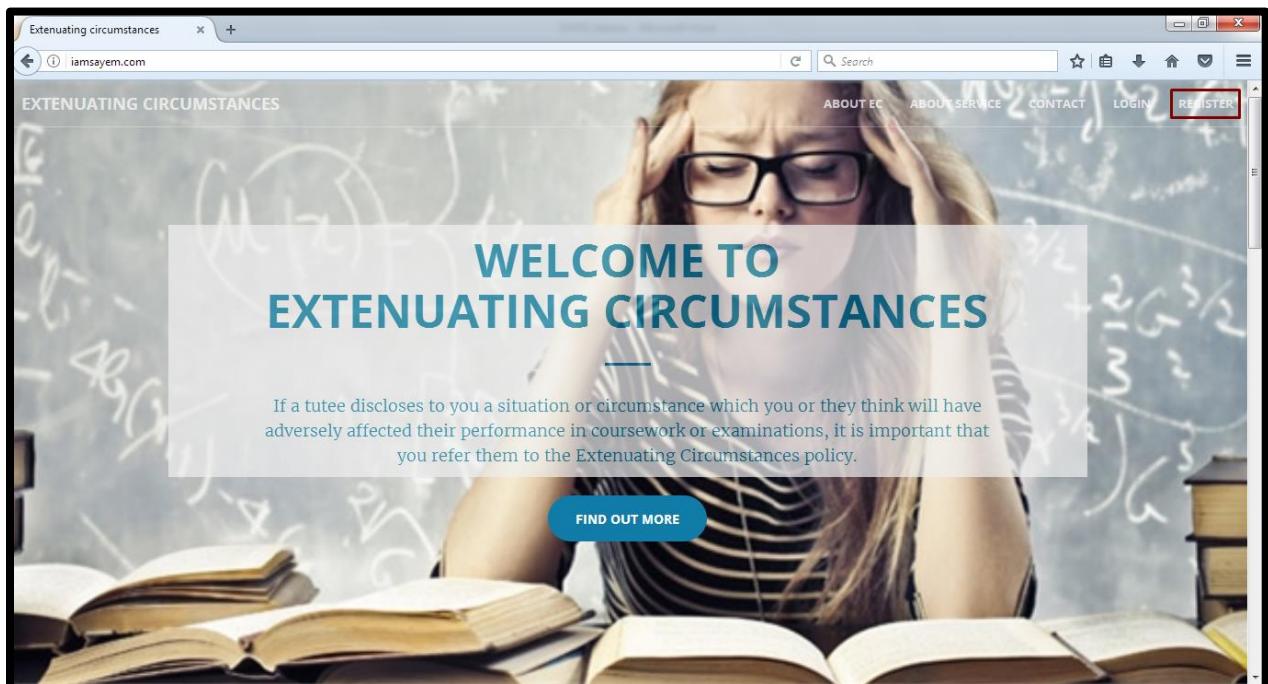
**Figure-This display for login page**

- **Output:** After this page show on. The login ***function runs successfully.***

**Figure-the function run successfully**

### Testing for register:

- After I have test “**register**” function. I have “**click on register**” for testing.



**Figure-This display for register**

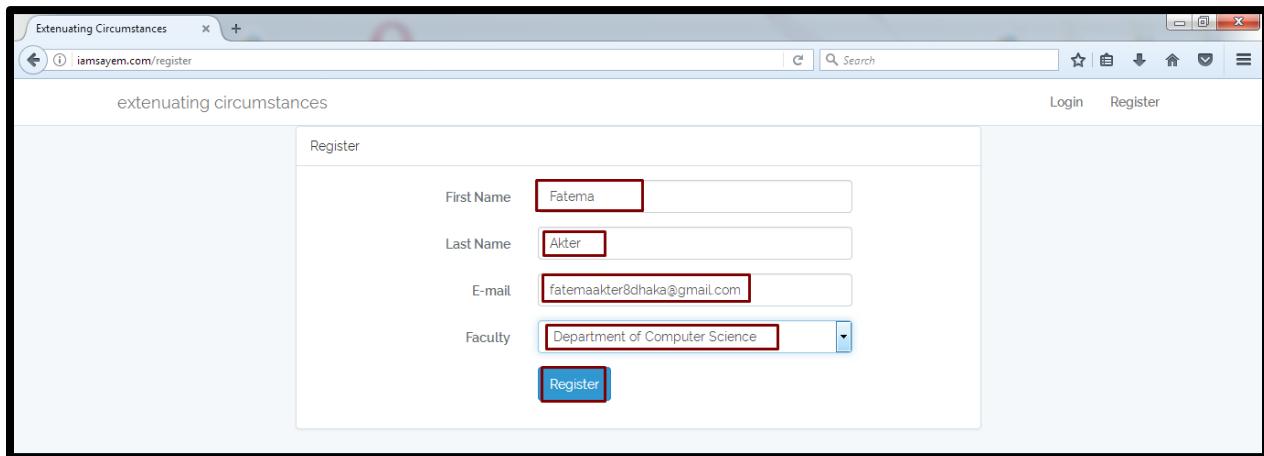
- **Output:** After this page show on. The register ***function runs successfully.***

The screenshot shows a web browser window with the title bar "Extenuating Circumstances". The address bar displays "iamsayem.com/register". The main content area has a header "extenuating circumstances" and two buttons: "Login" and "Register", where "Register" is highlighted with a red box. Below the header is a form titled "Register". The form fields are: "First Name" (input field), "Last Name" (input field), "E-mail" (input field), and "Faculty" (dropdown menu set to "Department of BBA"). A blue "Register" button is at the bottom of the form.

**Figure-output run successfully**

### Student Claim submit verify:

- First I have as a student **register account**.
- Which my **first name is "fatema" last name is "akter" and my email "[fatemaakter8@gmail.com](mailto:fatemaakter8@gmail.com)"** as well as I have select faculty name "**department of computer science**". Then I have click on register for testing.



The screenshot shows a web page titled 'extenuating circumstances' with a 'Register' section. The form contains four input fields: 'First Name' with value 'Fatema', 'Last Name' with value 'Akter', 'E-mail' with value 'fatemaakter8dhaka@gmail.com', and a dropdown 'Faculty' set to 'Department of Computer Science'. Below the form is a blue 'Register' button.

Figure-This display for student register for claim

- The registration claim accepted. The **registration run successfully** test.
- This screen for **email confirmation from EC coordinator**.

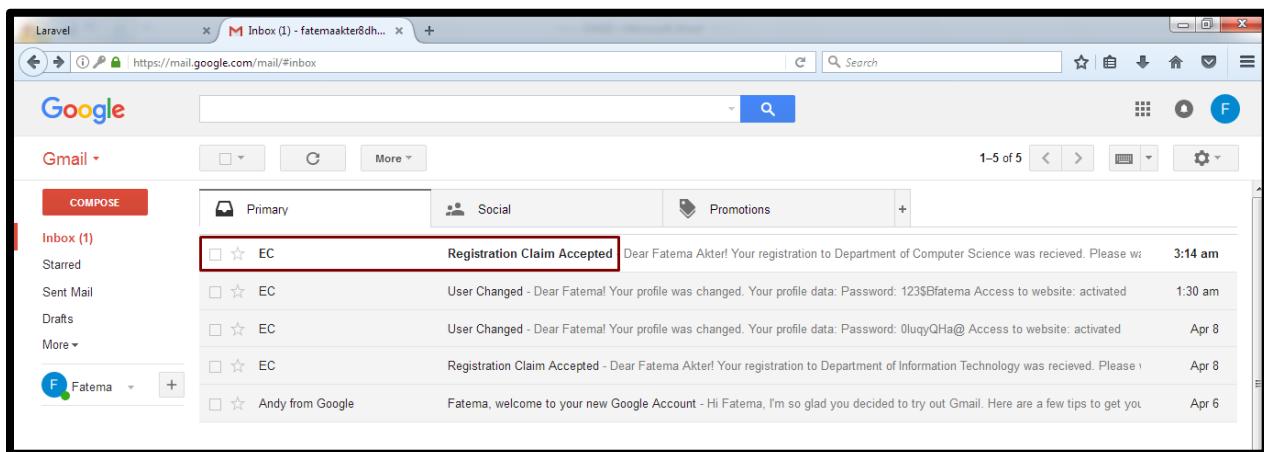


Figure-This display for claim accepted

- **Output:** here the screen for my “**account is activated**”.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
1	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	View  Edit	
2	Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	View  Edit	
3	Fatema	Akter	muktahannan@gmail.com		EC manager	activated	View  Edit	
4	Mohamamd	Sayem	asmaysayem001@gmail.com	Department of Information Technology	student	activated	View  Edit	
5	Fatema	Akter	fa123akter@gmail.com	Department of Computer Science	EC coordinator	activated	View  Edit	
6	Fatema	Akter	fatemaakter1148@gmail.com	Department of Information Technology	EC coordinator	activated	View  Edit	
7	Mahbub	Alom	m.alom224@gmail.com	Department of BBA	EC coordinator	activated	View  Edit	
8	Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of Computer Science	student	activated	View  Edit	
9	Maxim	Akimov	devstylesoftware@gmail.com	Department of BBA	student	activated	View  Edit	

**Figure-This display for claim account register successfully**

- Here I have test as a **student claim login**.
- Which my **Email address is “[fatemaakter8dhaka@gmail.com](mailto:fatemaakter8dhaka@gmail.com)” and password is “Aa123456@”**. After I have click on **login option for testing**.

**Figure-This display for student claim login**

- **Output:** after the functions *run successfully*.
- This is for student area. This screen for without claim. Which now I ***will be write claim?***

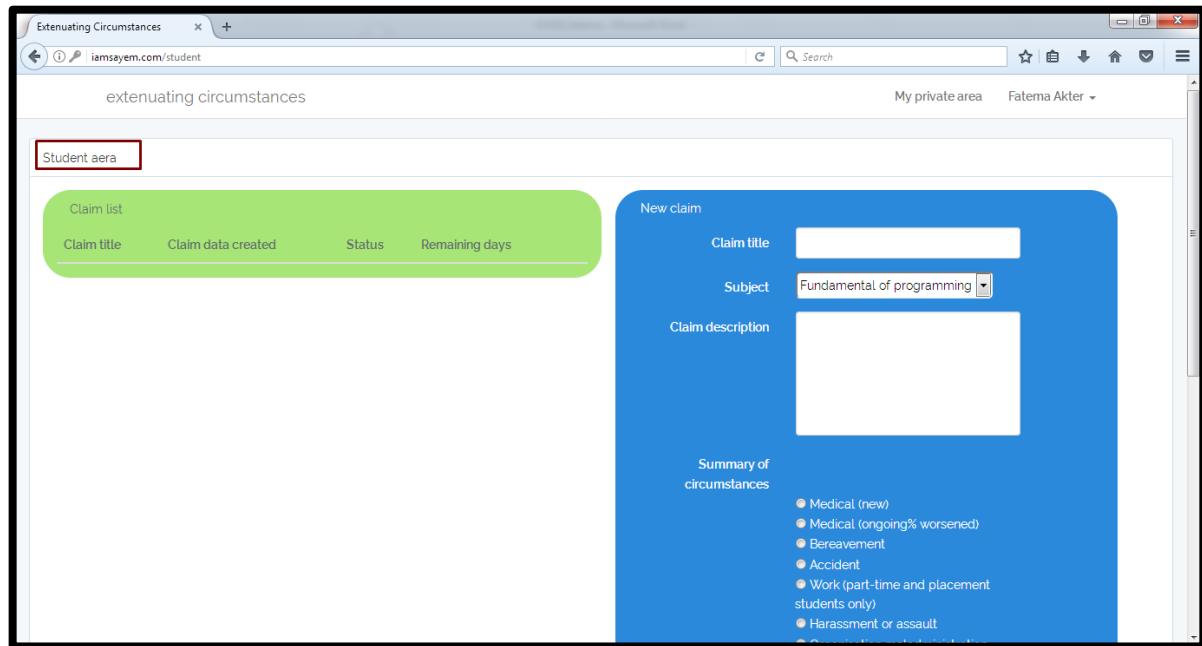


Figure.NO:1-output the function run successfully

- Here I have write ***claim this screen*** is show on.

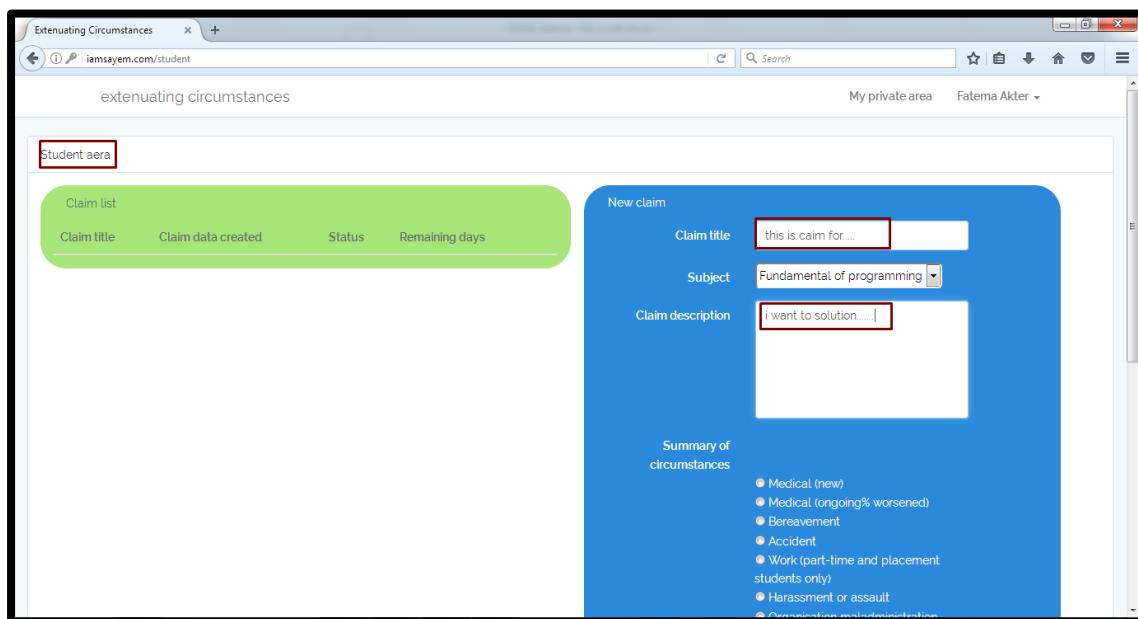
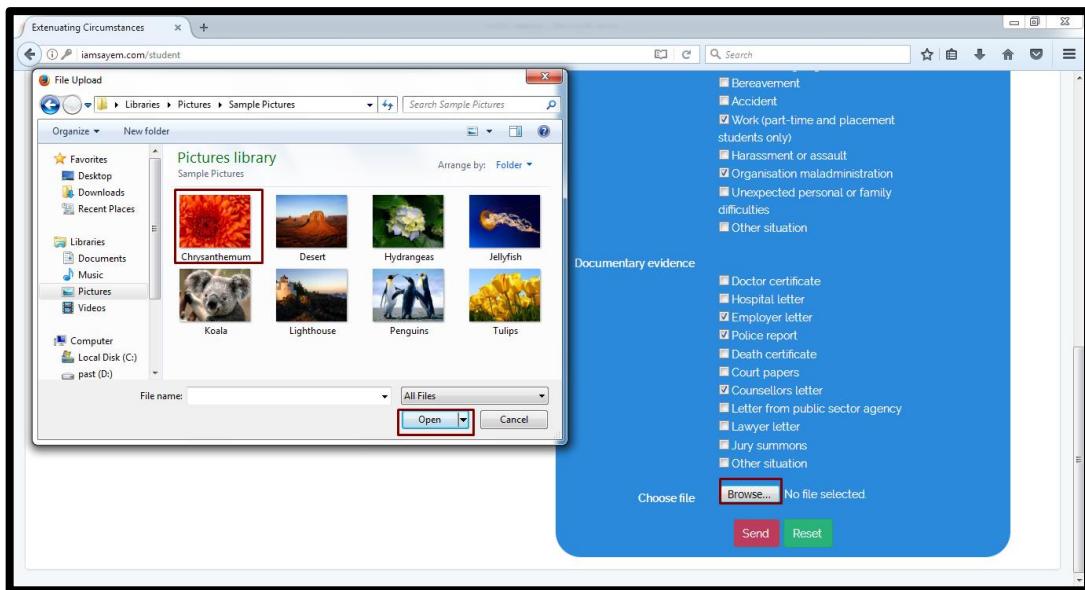


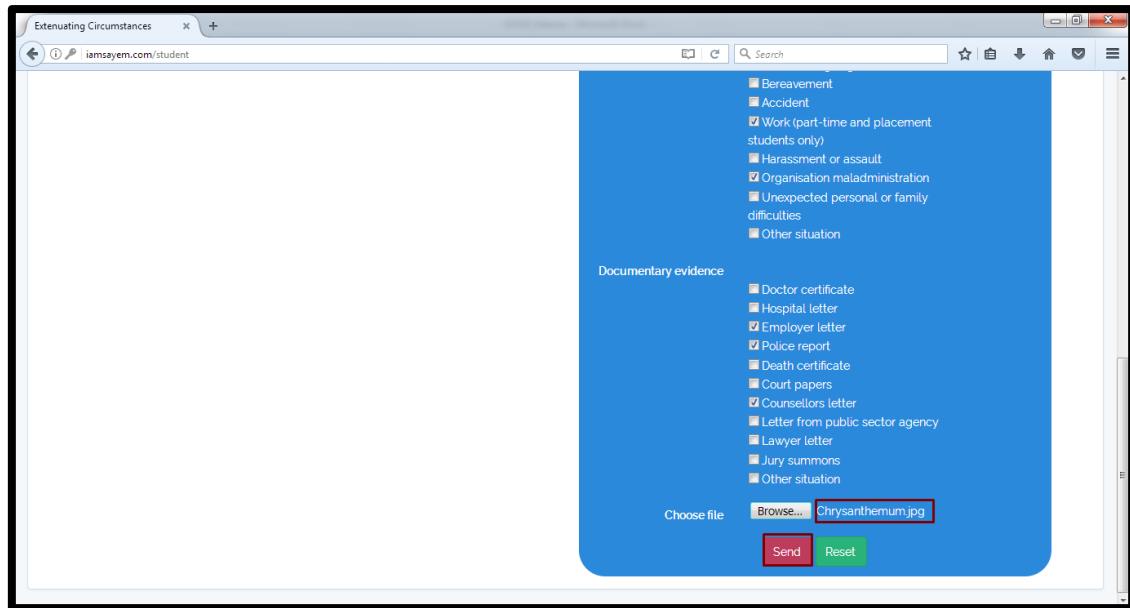
Figure-This display for insert claim

- Here I have select **evidence and picture**. This page show on.



**Figure-This display for evidence attach**

- After this page is show on. When the **evidence will be attach**.



**Figure-evidence attach successfully.**

- After this screen show on. Our program ***runs successfully***. The claim is show on screen.

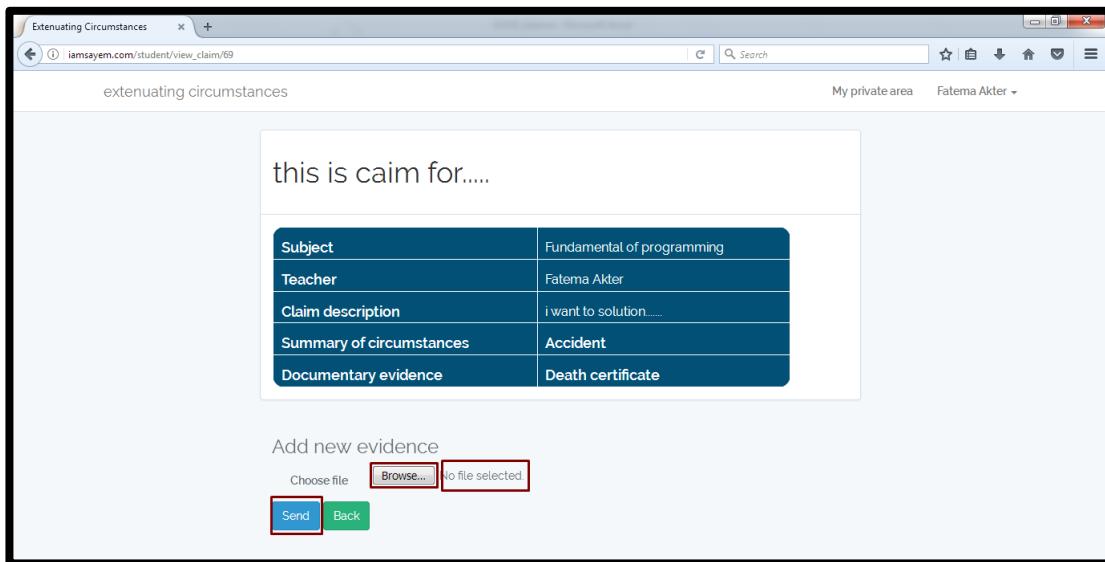
**Figure.NO:1-our claim accepted successfully**

#### View claim for with evidence:

- I have click on “**view**” for profile for check evidence. This page is show on without evidence.

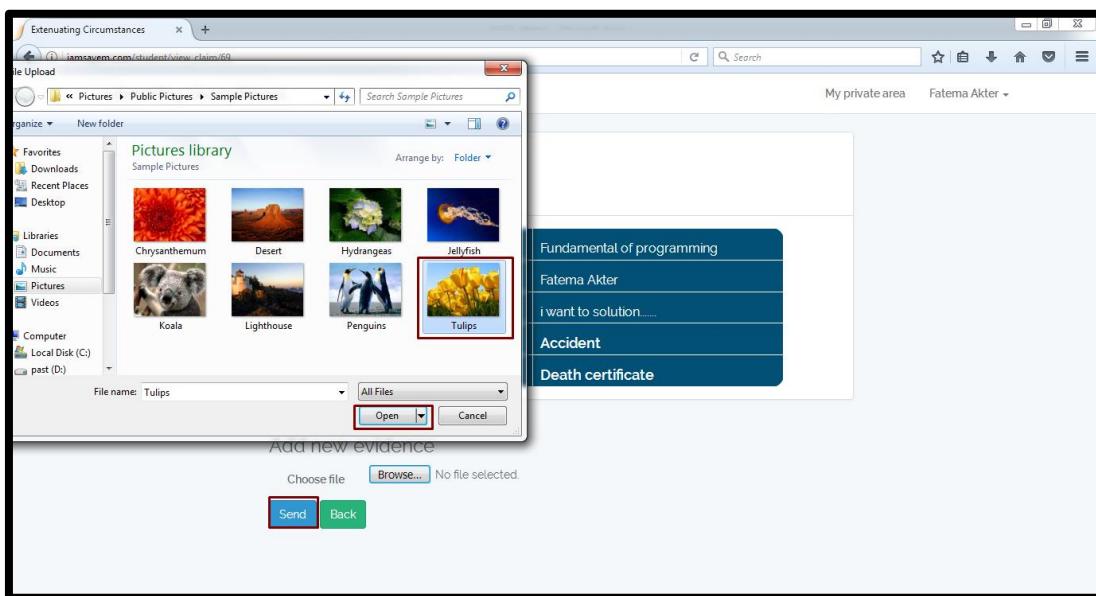
**Figure-Figure-This display for without evidence**

- After click on “**view option**”. This display is show on. This display for without evidence.
- Here I have “**select browse option**” for add new evidence.



**Figure-Figure-This display for evidence report**

- After “**click on browse**” this display is show on.
- And after “**click on sent**”.



## Figure.NO:1-add evidence

### View claim for without evidence:

- This **screen for is without evidence**.
- When I have **chose claim without attachment** this screen is show. After click on “**sent**” option.

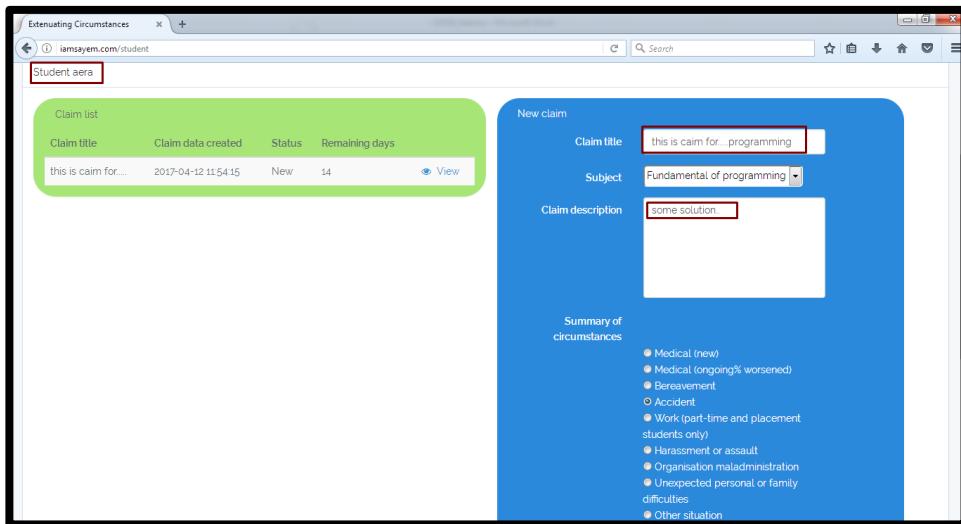
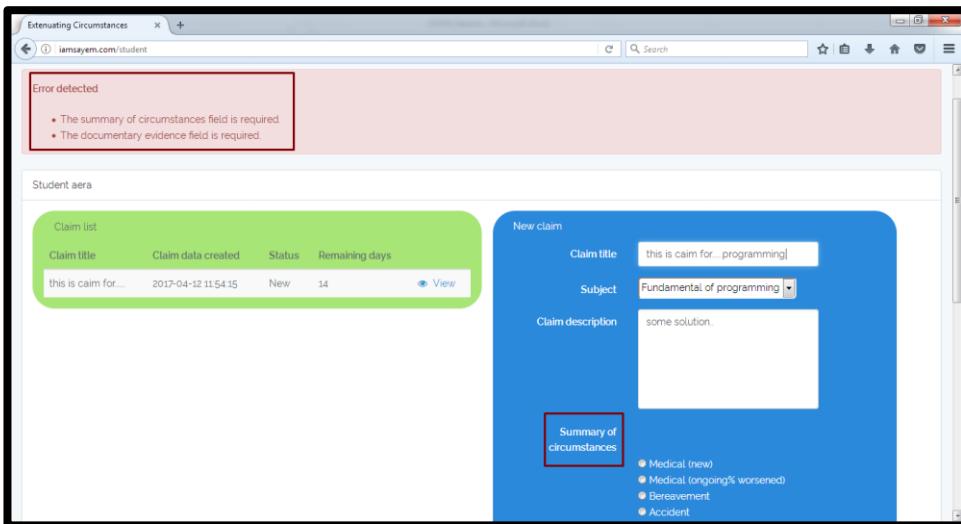


Figure-Figure-This display for without evidence

- After “**click on sent**” option this screen is show.
- Which the message is show “**error deleted**”. Which have “**the summary of circumstances find is require**” and “**the documentary evidence field is require**”.

This page is show on.



**Figure-This display for filed required file**

**Report for EC coordinator:**

- This screen for **EC coordinator** which have **claim list and student list**.

The screenshot shows a web browser window titled 'Extruding Circumstances'. The URL is 'iamsayem.com/coordinator'. The page has a header 'extenuating circumstances' and 'My private area Fatema Akter'. A red box highlights the 'Reports' link under 'EC Coordinator area'. The 'Claim list' section shows two entries:

Claim title	Student	Subject	Remaining days	Status	Action
this is claim for....	Fatema Akter	Fundamental of programming	14	New	<a href="#">View</a>
this is claim for....programming	Fatema Akter	Fundamental of programming	14	New	<a href="#">View</a>

Below it, the 'Student list' section shows one entry:

First Name	Last Name	Faculty	Action	Action
Fatema	Akter	Department of Computer Science	<a href="#">View</a>	<input checked="" type="checkbox"/>

**Figure-This display for EC coordinator area**

- After **click on report** for view report.

This screenshot is identical to the one above, showing the 'Extruding Circumstances' application. The 'Reports' link is highlighted with a red box. In the 'Claim list' section, the 'View' link for the second row is also highlighted with a red box. In the 'Student list' section, the 'View' link for the single entry is highlighted with a red box.

**Figure-This display for report view**

- After **click on report** this screen is show on.
- Which show on “**number of claim**”, “**number of student**”, “**claims without evidence**” and “**claims with a decision**”.

The screenshot shows a web page titled "Report for Department of Computer Science". The page displays a table with four rows:

Number of claims	2
Number of students making a claims	1
Claims without evidence	0
Claims without a decision	2

**Figure-This display for show report**

### Search option test:

- First look for **without search**.

The screenshot shows a web page with two main sections: "Claim list" and "Student list".

**Claim list:**

Claim title	Student	Subject	Remaining days	Status
this is claim for....	Fatema Akter	Fundamental of programming	14	New
this is claim for....programming	Fatema Akter	Fundamental of programming	14	New

**Student list:**

First Name	Last Name	Faculty	View	Access to website
Fatema	Akter	Department of Computer Science		

**Figure-This display for without search**

- This look for when I have search claim and student.
- The display show on “**no matching records found**”. This program will be **run successfully**.

The screenshot shows two separate search results pages from a web application. The top section is titled 'Claim list' and the bottom section is titled 'Student list'. Both sections include a search bar with the text 'Search: b' and 'Search: g' respectively. Below the search bars, there is a message 'No matching records found'. The 'Claim list' section also includes a 'Show 10' dropdown and a table header with columns: Claim title, Student, Subject, Remaining days, and Status. The 'Student list' section includes a 'Show 10' dropdown and a table header with columns: First Name, Last Name, Faculty, View, and Access to website.

**Figure-search successfully.**

### Faculty Created verifies:

- This screen for “**create faculty**”. Here I have click on “**create**” for new faculty name.

The screenshot shows a 'Faculty list' page from a web application. The page features a table with columns for Faculty name and Edit link. The faculty names listed are: Department of BBA, Department of Philosophical and Cultural Studies, Department of Computer Science, Department of Information Technology, Department of BBA, Faculty of Multimedia, Test, and Bachelor of computer science. At the bottom of the table, there are 'Delete' and 'Create' buttons. The 'Create' button is highlighted with a red box.

**Figure-This display for created faculty**

- After this page is show on. Now I have ***fill up this*** from.

The screenshot shows a web browser window with the URL [iamsayem.com/faculty/create](http://iamsayem.com/faculty/create). The page title is "extenuating circumstances". The main content area is titled "Faculty edit". It contains two input fields: "Faculty name" (empty) and "Courses" (a dropdown menu with options: Accounting, Finance & Banking, Business information technology, Psychology). The "Business information technology" option is highlighted with a red border. Below the fields are "Save" and "Cancel" buttons.

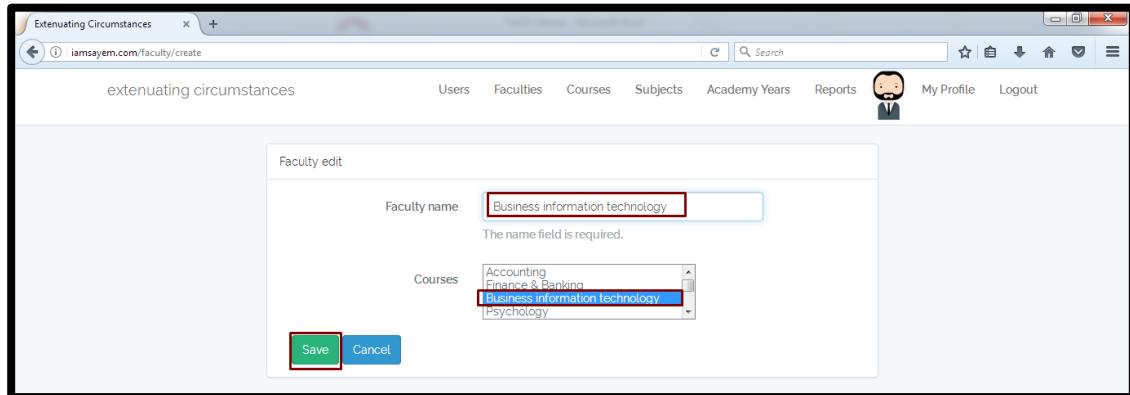
**Figure-save faculty**

- But the ***field name is required*** so I have written filed name.

This screenshot shows the same "Faculty edit" form as the previous one, but the "Faculty name" field now has a red border around it, indicating it is a required field. The "Courses" dropdown menu is identical to the one in the first screenshot. The "Save" and "Cancel" buttons are at the bottom.

**Figure-This display for required field name**

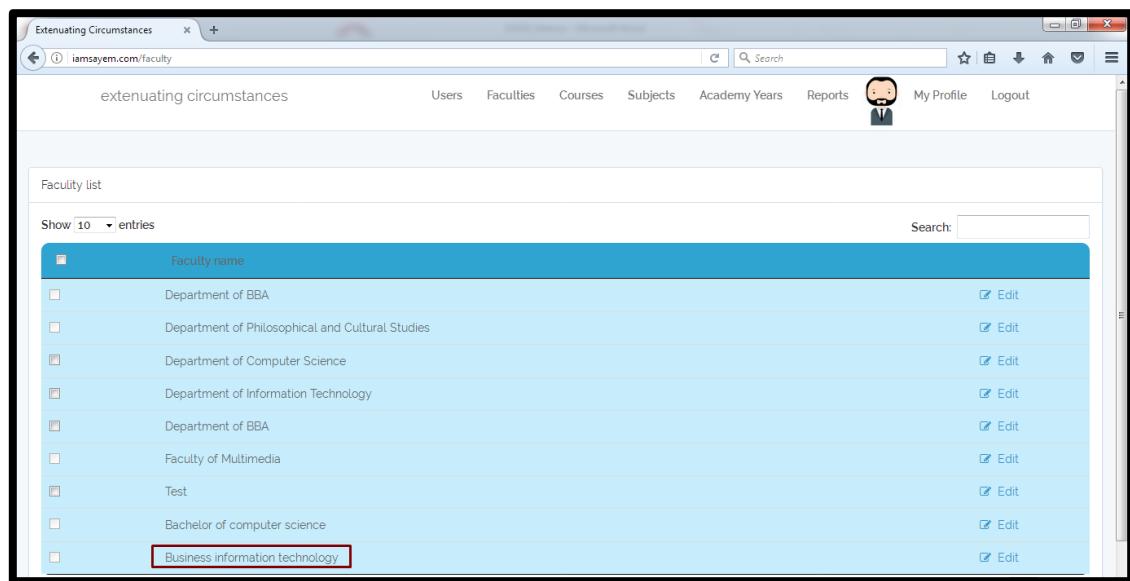
- After I have chose “***business information technology***”.
- And “***business information technology***” after click on saves.



The screenshot shows a web-based application interface for creating a faculty entry. The main title is 'extenuating circumstances'. The sub-page is 'Faculty edit'. The 'Faculty name' field contains 'Business information technology', which is highlighted with a red border. Below it, a message says 'The name field is required.' A dropdown menu labeled 'Courses' lists 'Accounting', 'Finance & Banking', 'Business information technology' (which is also highlighted with a red border), and 'Psychology'. At the bottom are 'Save' and 'Cancel' buttons, with 'Save' being green and outlined.

**Figure-This display for chose faculty name**

- **Output:** the faculty name is creating successfully. This screen show on this.



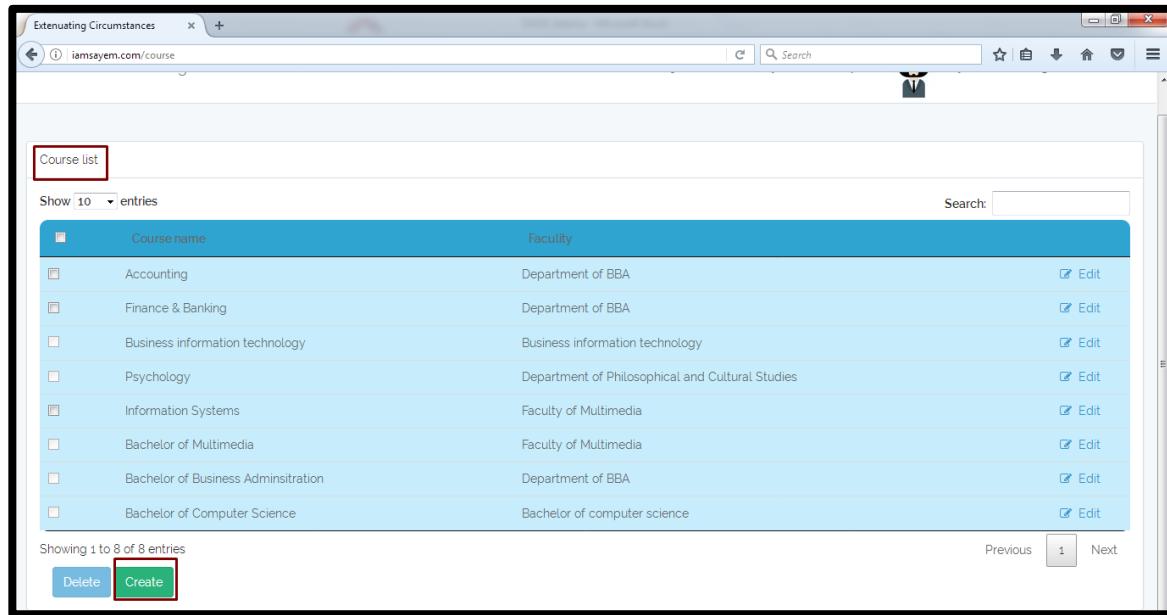
The screenshot shows a 'Faculty list' page. The main title is 'extenuating circumstances'. The sub-page is 'Faculty list'. It displays a table with columns: 'Faculty name', 'Edit'. The table rows include:
 

Faculty name	Edit
Department of BBA	<input checked="" type="checkbox"/> Edit
Department of Philosophical and Cultural Studies	<input checked="" type="checkbox"/> Edit
Department of Computer Science	<input checked="" type="checkbox"/> Edit
Department of Information Technology	<input checked="" type="checkbox"/> Edit
Department of BBA	<input checked="" type="checkbox"/> Edit
Faculty of Multimedia	<input checked="" type="checkbox"/> Edit
Test	<input checked="" type="checkbox"/> Edit
Bachelor of computer science	<input checked="" type="checkbox"/> Edit
Business information technology	<input checked="" type="checkbox"/> Edit

**Figure-This display for add faculty name**

### Course created verify:

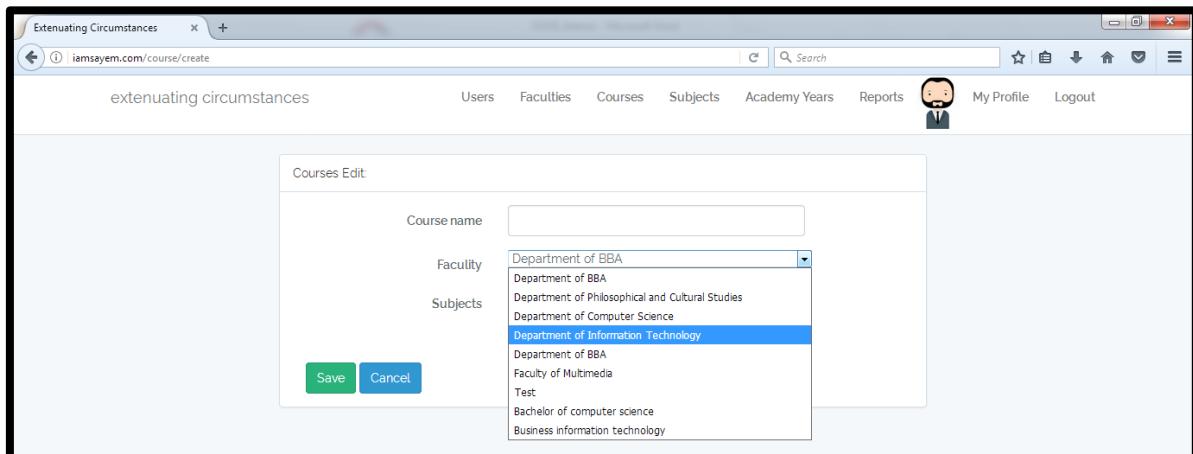
- This screen for “**create course**”. Here I have click on “**create**” for new course name under of faculty name.



Course list		
	Course name	Faculty
<input type="checkbox"/>	Accounting	Department of BBA
<input type="checkbox"/>	Finance & Banking	Department of BBA
<input type="checkbox"/>	Business information technology	Business information technology
<input type="checkbox"/>	Psychology	Department of Philosophical and Cultural Studies
<input type="checkbox"/>	Information Systems	Faculty of Multimedia
<input type="checkbox"/>	Bachelor of Multimedia	Faculty of Multimedia
<input type="checkbox"/>	Bachelor of Business Administration	Department of BBA
<input type="checkbox"/>	Bachelor of Computer Science	Bachelor of computer science

Figure-This display for course created

- After This page is show on. Which I have **selected faculty name**.



Courses Edit:

Course name:

Faculty:  (The dropdown menu shows: Department of BBA, Department of BBA, Department of Philosophical and Cultural Studies, Department of Computer Science, Department of Information Technology, Department of BBA, Faculty of Multimedia, Test, Bachelor of computer science, Business information technology)

Subjects:

Save Cancel

Figure-This display for select faculty

- Here I have fill up from which I have **chosen on subject name**. Then click on save.

Courses Edit

Course name: Business information technology

Faculty: Department of Information Technology

Subjects: Web Design & Development

**Save** **Cancel**

**Figure-This display for chose subject**

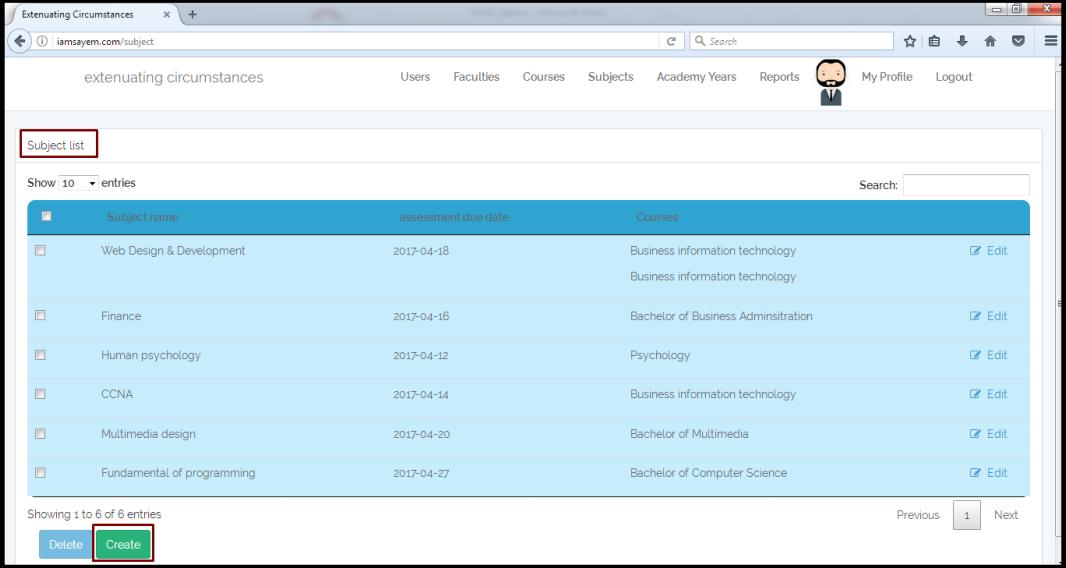
- **Output:** After this page is show on which **add the information as a new course?**

	Course name	Faculty	
<input type="checkbox"/>	Accounting	Department of BBA	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Finance & Banking	Department of BBA	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Business information technology	Business information technology	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Psychology	Department of Philosophical and Cultural Studies	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Information Systems	Faculty of Multimedia	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Bachelor of Multimedia	Faculty of Multimedia	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Bachelor of Business Administration	Department of BBA	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Bachelor of Computer Science	Bachelor of computer science	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Business information technology	Department of Information Technology	<input checked="" type="checkbox"/> Edit

**Figure-This display for add course name**

## Subjects create verify:

- This screen for “**create subjects**”. Here I have click on “**create**” for new subject name.



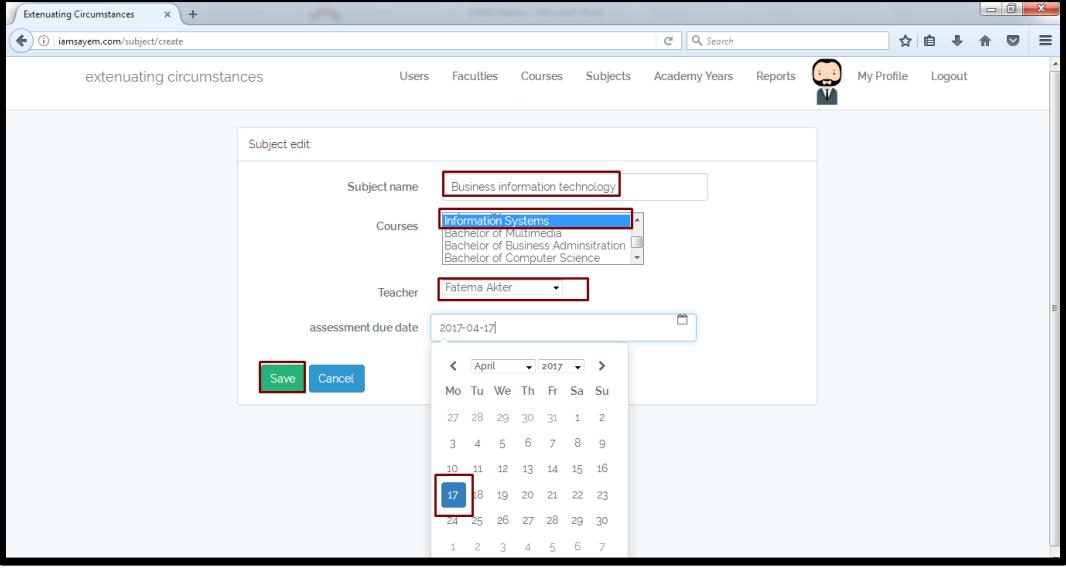
Subject name	assessment due date	Courses	
Web Design & Development	2017-04-18	Business information technology Business information technology	<input type="checkbox"/> Edit
Finance	2017-04-16	Bachelor of Business Adminisrtion	<input type="checkbox"/> Edit
Human psychology	2017-04-12	Psychology	<input type="checkbox"/> Edit
CCNA	2017-04-14	Business information technology	<input type="checkbox"/> Edit
Multimedia design	2017-04-20	Bachelor of Multimedia	<input type="checkbox"/> Edit
Fundamental of programming	2017-04-27	Bachelor of Computer Science	<input type="checkbox"/> Edit

Showing 1 to 6 of 6 entries

[Delete](#) [Create](#)

**Figure-This display for created subject**

- After This page is show on. Which I have **selected course, assessment due date name**. After **click on save**.



Subject edit

Subject name: Business information technology

Courses: Information Systems

Teacher: Fatema Akter

assessment due date: 2017-04-17

[Save](#) [Cancel](#)

**Figure-This display for select course and date**

- **Output:** After this page is show on which **add the information as a new subject?**

Subject name	assessment due date	Courses	
Web Design & Development	2017-04-18	Business information technology Business information technology	<input checked="" type="checkbox"/> Edit
Finance	2017-04-16	Bachelor of Business Adminsitration	<input checked="" type="checkbox"/> Edit
Human psychology	2017-04-12	Psychology	<input checked="" type="checkbox"/> Edit
CCNA	2017-04-14	Business information technology	<input checked="" type="checkbox"/> Edit
Multimedia design	2017-04-20	Bachelor of Multimedia	<input checked="" type="checkbox"/> Edit
Fundamental of programming	2017-04-27	Bachelor of Computer Science	<input checked="" type="checkbox"/> Edit
Business information technology	2017-04-17	Information Systems	<input checked="" type="checkbox"/> Edit

Showing 1 to 7 of 7 entries

[Delete](#) [Create](#)

**Figure-This display for add subject**

### Academy year created verify:

- This screen for “**create academy year**”. Here I have click on “**create**” for new academy year.

Year	Spring session	Summer session	Autumn session	
2017	2017-04-15	2017-08-17	2017-11-07	<input checked="" type="checkbox"/> Edit
<a href="#">Delete</a> <a href="#">Create</a>				

**Figure-This display for created academy year**

- After This page is show on.
- Which I have **selected year, session and administrator note**

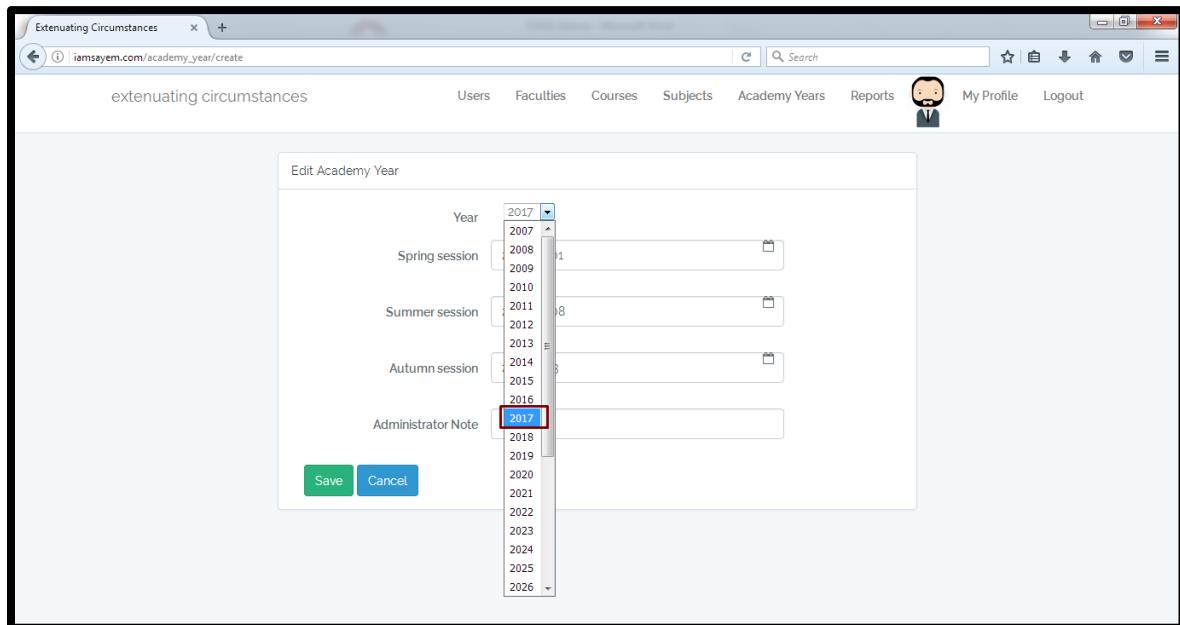


Figure-This display for selected year

- After **selected session** which have date.

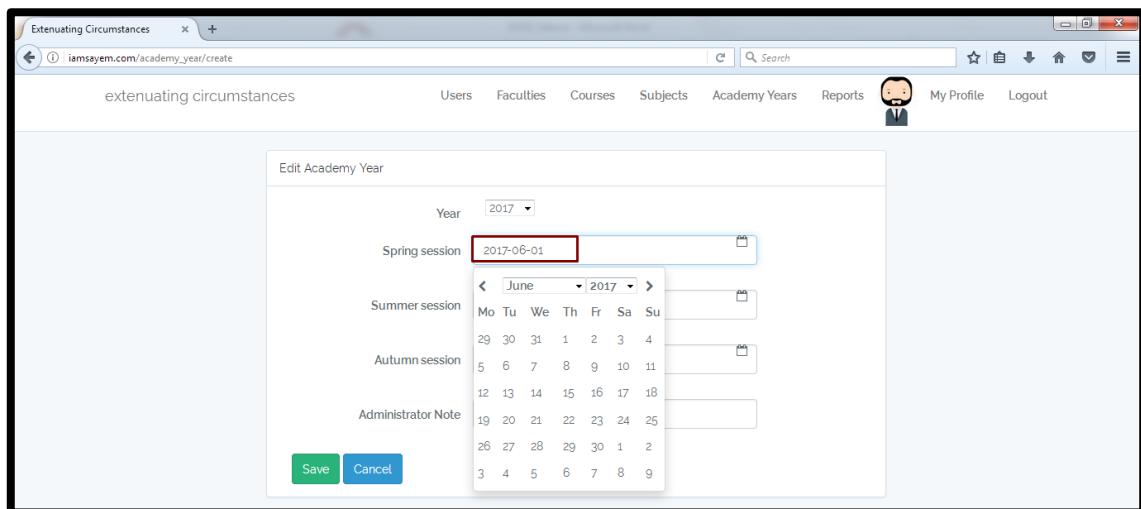


Figure-This display for select session

- After **full fill up this** from I have click on save.

extenuating circumstances

Users Faculties Courses Subjects Academy Years Reports My Profile Logout

Edit Academy Year

Year	2017
Spring session	2017-06-01
Summer session	2017-08-08
Autumn session	2017-12-13
Administrator Note	admission

**Save** **Cancel**

**Figure-This display for fill up and save**

- Output: After this page is show on which **add the information as a new academy year?** The program created successfully.

extenuating circumstances

Users Faculties Courses Subjects Academy Years Reports My Profile Logout

Academy Years

	Year	Spring session	Summer session	Autumn session	
<input type="checkbox"/>	2017	2017-04-15	2017-08-17	2017-11-07	<input checked="" type="checkbox"/> Edit
<input checked="" type="checkbox"/>	2017	2017-06-01	2017-08-08	2017-12-13	<input checked="" type="checkbox"/> Edit

**Delete** **Create**

**Figure-created year successfully**

## Testing for Error handling:

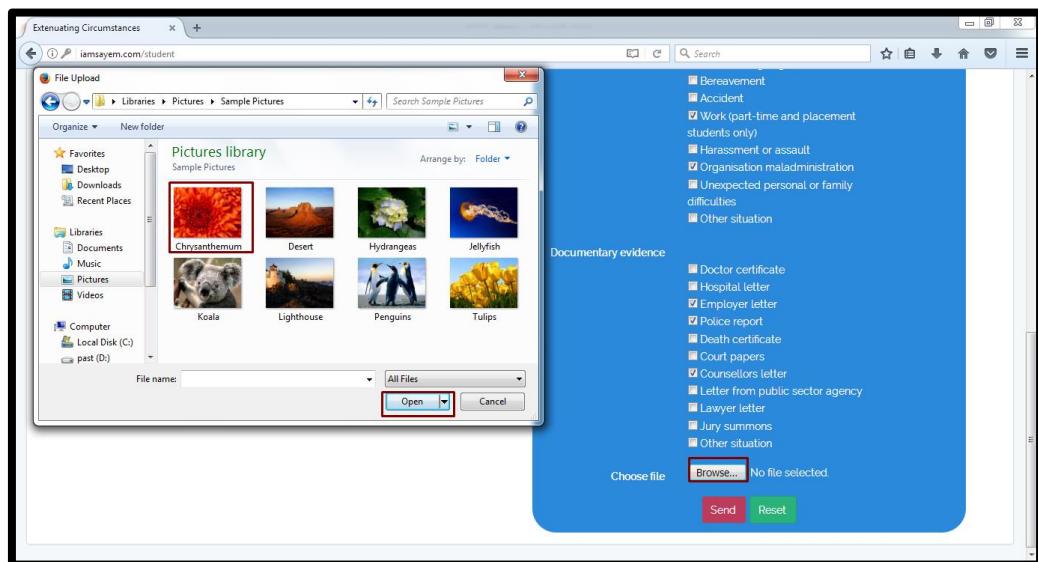
### Error handling for student claim:

- When I want to claim as a student I have **face some problem**. This page for when I have some claim for testing.

The screenshot shows a web browser window with a form for creating a new claim. On the left, there's a 'Claim list' section showing one entry: 'i am fatema iwant to claim for BBA' with a creation date of '2017-04-10 08:07:17'. The main right section is titled 'New claim' and contains fields for 'Claim title' (containing 'this is the claim for information tec!'), 'Subject' (empty), and 'Claim description' (containing 'i don't understand any class lecture.'). Below these fields is a 'Summary of circumstances' section with various checkboxes for different situations, none of which are checked. At the bottom is a 'Documentary evidence' section with a 'Choose file' button and a 'Browse...' button.

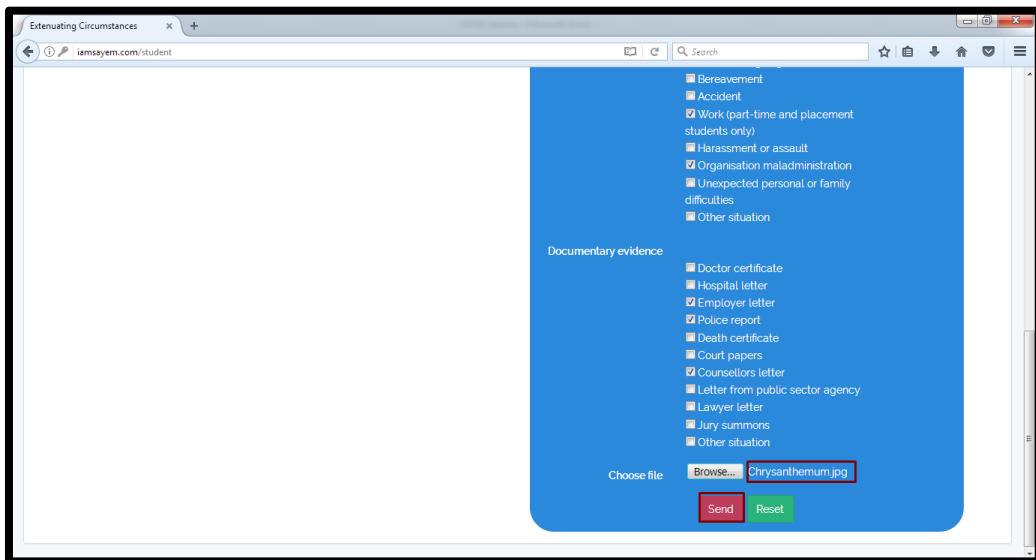
**Figure-This display for claim**

- After I have **select picture for as student evidence**. Than this page is show on.



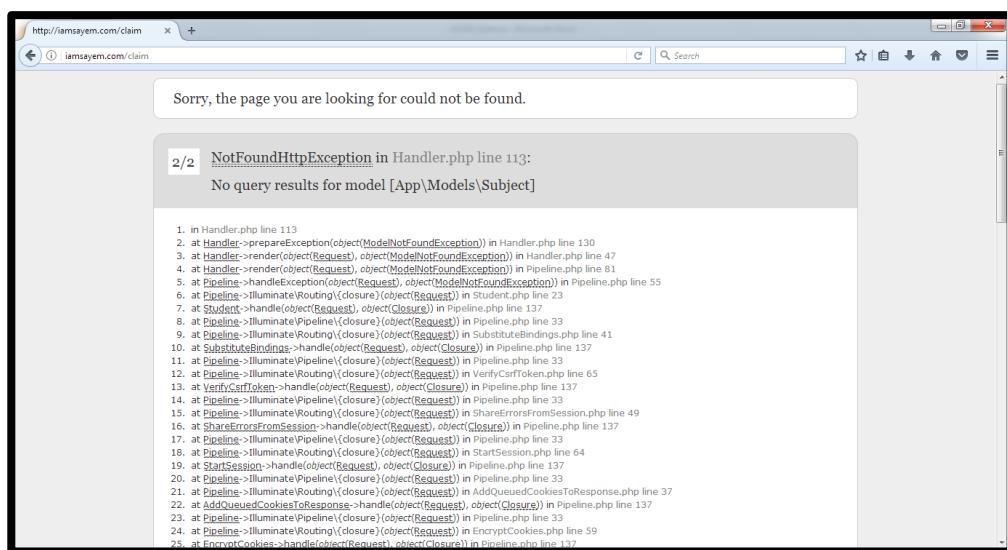
**Figure-This display for select picture**

- This page is show when the picture is attached on **browse as evidence**. After I have click on sent **button for claim**.



**Figure-This display for sent claim**

- After click on sent button this page is show on.
- That means the page not found. Than I have contacts programmer for that problem.
- I have suggested the problem find out as soon as possible. So I have properly testing error handling.



**Figure-This display for error**

### Error handling for student claim register:

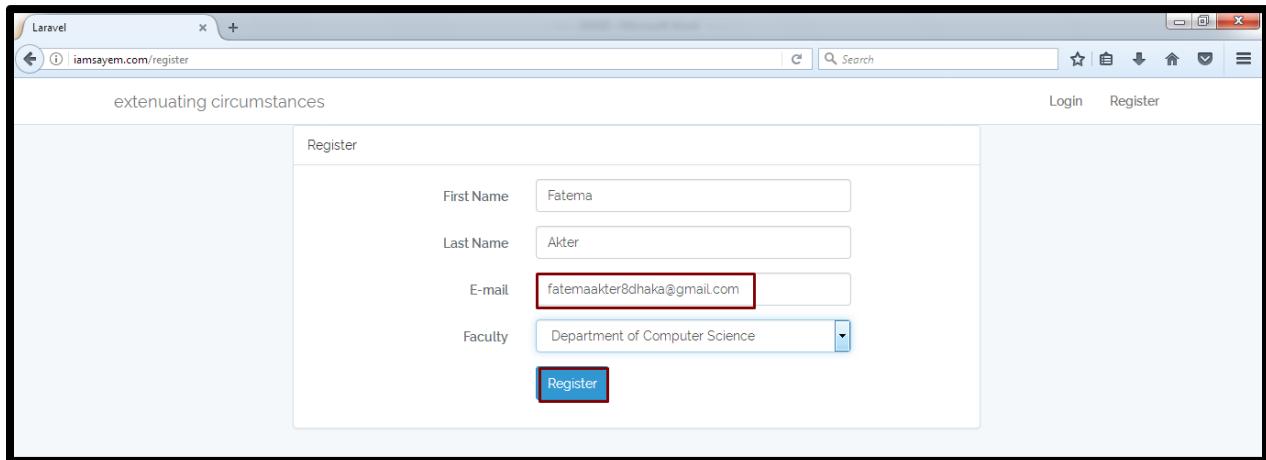
- Here I have **found one problem**. That is the faculty name **department of BBA** is **two time show**.
- After I have contacts programmer and I **have suggest this problem** is solved as soon as possible.

The screenshot shows a web browser window with the title 'Extraneous Circumstances'. The address bar displays 'iamsayem.com/register'. The main content area is titled 'extenuating circumstances' and contains a 'Register' form. The form includes fields for 'First Name', 'Last Name', 'E-mail', and 'Faculty'. The 'Faculty' field is a dropdown menu with the following options: 'Department of BBA', 'Department of BBA', 'Department of Philosophical and Cultural Studies', 'Department of Computer Science', 'Department of Information Technology', and 'Department of BBA'. The last option, 'Department of BBA', is highlighted with a blue selection bar. There are also 'Login' and 'Register' links at the top right of the form area.

Figure-This display for registration faculty claim

### Student Claim accepts or not verifies:

- This is registration page. This page is **for student**.
- Which the student will be registration for the claim. Here I have fulfilled this from.
- Here this from fulfilled as a one student for verify. **My first name is “fatema” last name is “akter” Email address is “[fatemaakter8dhaka@gmail.com](mailto:fatemaakter8dhaka@gmail.com)”** and I have chose faculty department of computer science .after click on **register for claim testing**.



Laravel iamsayem.com/register extenuating circumstances Login Register

extenuating circumstances

Register

First Name: Fatema

Last Name: Akter

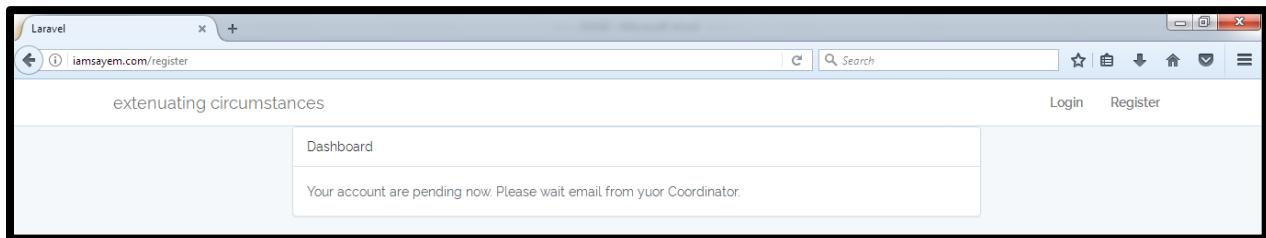
E-mail: fatemaakter8dhaka@gmail.com

Faculty: Department of Computer Science

Register

Figure-This display for register claim

- After this page is show on.



Laravel iamsayem.com/register extenuating circumstances Login Register

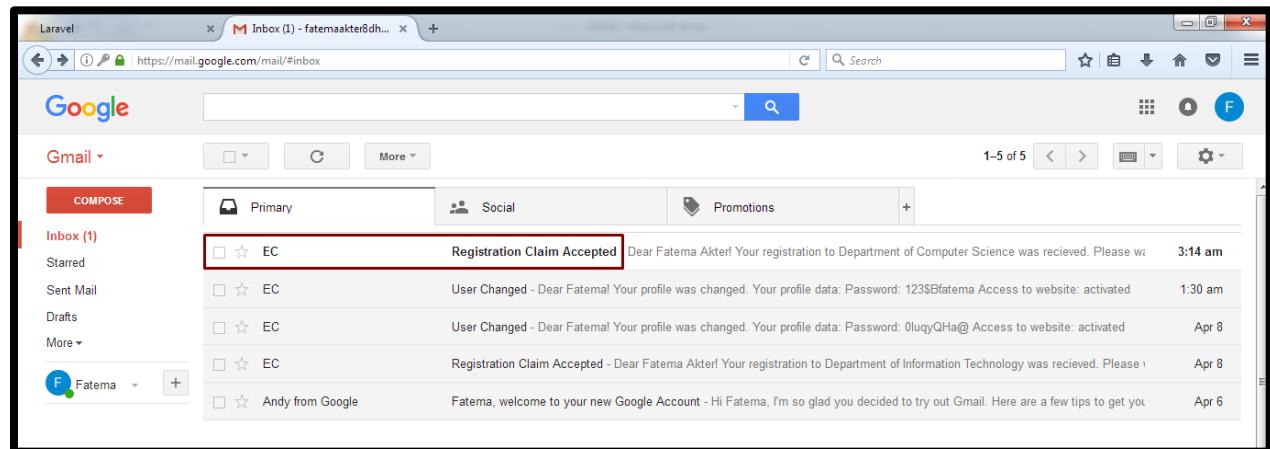
extenuating circumstances

Dashboard

Your account are pending now. Please wait email from your Coordinator.

Figure-This display for after sent mail

- Now I have **checked my email address** for **registration conformation**.
- The registration claim accepted. The registration accepts successfully. This screen for is **email confirmation from EC coordinator**.



**Figure-This display for registration claim accepted**

## Upload image PDFs file with evidence verify:

- Here I have **select picture for as student evidence**. Than this page is show on.
- I have **select browse button** than this picture display show on than I have **chosen I picture as evidence**.

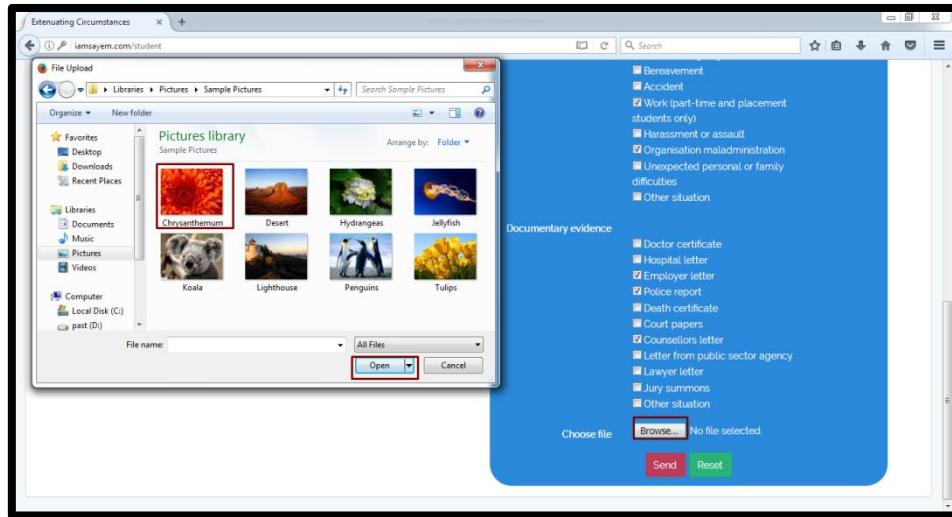
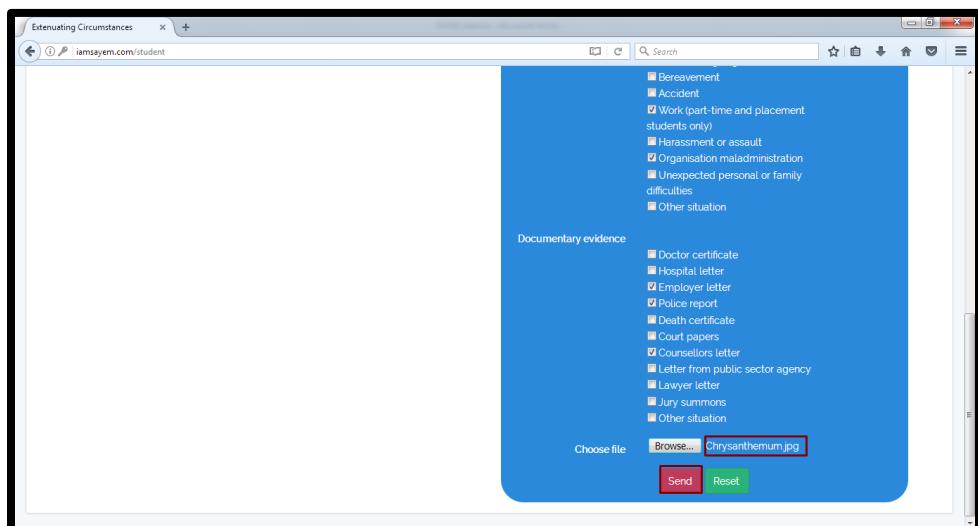


Figure-This display for add evidence

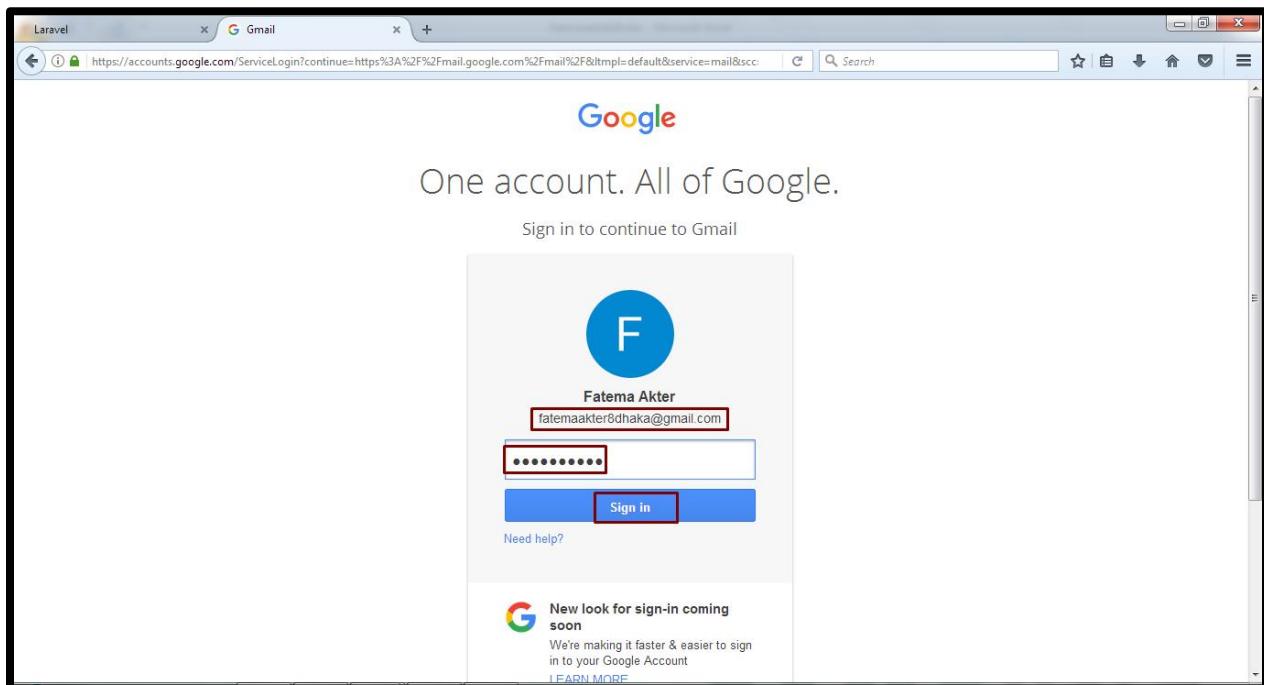
- After **attached evidence** this page is show on.
- When the picture is attached on browse as evidence the picture name is show on browse side.
- That means the **evidence attach successfully**.my testing verifies successfully.



## **Figeur.NO:1-This is for attach evidence**

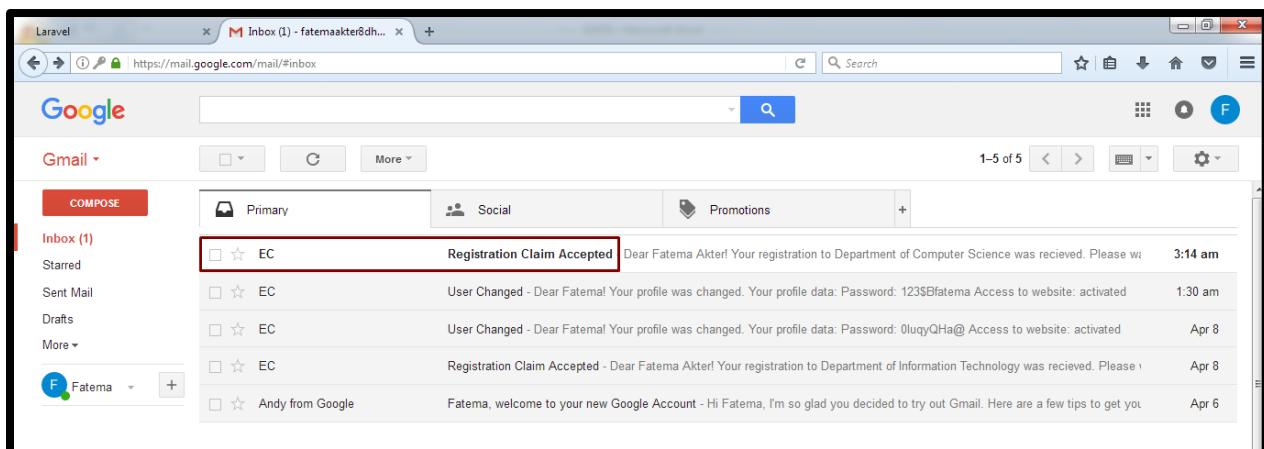
### **E-mail sending verifies:**

- Now I have checked my email address for **registration conformation**.



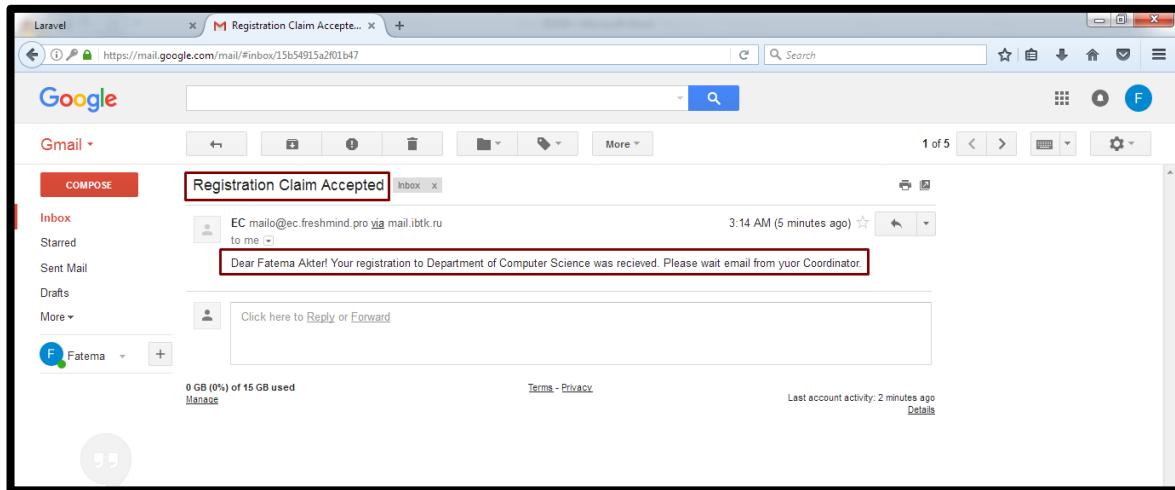
## **Figeur.NO:1-This is for registration confirmation**

- The registration **claim accepted**. The **registration accepted successfully**.
- This screen for is email **confirmation from EC coordinator**.



## **Figure-This display for accept claim**

- **Output:** than the conformation open successfully. I have verified this email.
- So my email verification runs successfully.



**Figure-This display for sent claim**

**After close date new claim disable verify  
Each faculty access claim verifies:**

- Now here I have **select faculty option** for testing. After I have click on faculty.

The screenshot shows a web application interface titled 'Extraneous Circumstances'. The 'Faculty' tab is active. Below it, a table displays user information:

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
1	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated		
2	Md. Mosiur	Rahman	trtanjm@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated		
3	Fatema	Akter	muktahannan@gmail.com		EC manager	activated		
4	Mohamamd	Sayem	asm.sayem001@gmail.com	Department of Information Technology	student	activated		
5	Fatema	Akter	fa123akter@gmail.com	Department of Computer Science	EC coordinator	activated		
6	Fatema	Akter	fatemaakter1148@gmail.com	Department of Information Technology	EC coordinator	activated		
7	Mahbub	Alom	m.alom224@gmail.com	Department of BBA	EC coordinator	activated		
8	Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of Computer Science	student	activated		
9	Bay	Stoneham	techcraftfb12@gmail.com	Department of Information Technology	student	activated		

### Figure-This display for faculty

- After this page is show on. Which **the entire faculty lists** show.
- My **program test successfully**.

The screenshot shows a web browser window with the title "Extenuating Circumstances". The URL in the address bar is "iamsayem.com/faculty". The page content is titled "extenuating circumstances" and includes a navigation menu with links for "Users", "Facultys", "Courses", "Subjects", "Academy Years", "Reports", "My Profile", and "Logout". A user profile icon is visible next to the "My Profile" link. The main area of the page is titled "Faculty list" and contains a table with the following data:

	Faculty name	Edit
<input type="checkbox"/>	Department of BBA	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Department of Philosophical and Cultural Studies	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Department of Computer Science	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Department of Information Technology	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Department of BBA	<input checked="" type="checkbox"/> Edit

Below the table, there is a message "Showing 1 to 5 of 5 entries" and a set of buttons for "Delete" and "Create". On the right side, there are "Previous" and "Next" buttons with the number "1" between them. A search bar is located at the top right of the table area.

### Figure-This display for show faculty list

## Test for admin/user oversee all the process:

- Here I have login **as admin user**.
- Which the admin email addresses is "[asmohammadsyem001@gmail.com](mailto:asmohammadsyem001@gmail.com)" Password is "Aa123456@" after I have click on log in.

**Figure.NO:1-This is for admin user**

- After this page is show on .this user can some function over see? **Such as- user, faculty, courses, subjects, academy year, report, my profile and logout option.**
- Here I have test each function properly.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
<input type="checkbox"/>	Mahbub	Alom	mahbulalom202@gmail.com	Department of BBA	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	muktahannan@gmail.com		EC manager	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Mohamamd	Sayem	asmayem001@gmail.com	Department of Information Technology	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	fa123akter@gmail.com	Department of Computer Science	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of Information Technology	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Mahbub	Alom	m.alom224@gmail.com	Department of BBA	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of Computer Science	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Ray	Stoneham	techcraftb12@gmail.com	Department of Information Technology	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit

**Figure-This display for all user view**



- Here I have **click on user** for user page.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
1	Mahbub	Alom	mahbulalom202@gmail.com	Department of BBA	student	activated	View	Edit
2	Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	View	Edit
3	Fatema	Akter	muktahannan@gmail.com		EC manager	activated	View	Edit
4	Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	View	Edit
5	Fatema	Akter	fa123akter@gmail.com	Department of Computer Science	EC coordinator	activated	View	Edit
6	Fatema	Akter	fatemaaakter1148@gmail.com	Department of Information Technology	EC coordinator	activated	View	Edit
7	Mahbub	Alom	malom224@gmail.com	Department of BBA	EC coordinator	activated	View	Edit
8	Fatema	Akter	fatemaaakter8dhaka@gmail.com	Department of Computer Science	student	activated	View	Edit
9	Ray	Stoneham	techcraftb12@gmail.com	Department of Information Technology	student	activated	View	Edit

**Figure.NO:1-This is for user**

- After this is show on. That means this **page is show on again**.
- Because this page is for user. **My program runs successfully**.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
1	Mahbub	Alom	mahbulalom202@gmail.com	Department of BBA	student	activated	View	Edit
2	Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	View	Edit
3	Fatema	Akter	muktahannan@gmail.com		EC manager	activated	View	Edit
4	Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	View	Edit
5	Fatema	Akter	fa123akter@gmail.com	Department of Computer Science	EC coordinator	activated	View	Edit
6	Fatema	Akter	fatemaaakter1148@gmail.com	Department of Information Technology	EC coordinator	activated	View	Edit
7	Mahbub	Alom	malom224@gmail.com	Department of BBA	EC coordinator	activated	View	Edit
8	Fatema	Akter	fatemaaakter8dhaka@gmail.com	Department of Computer Science	student	activated	View	Edit
9	Ray	Stoneham	techcraftb12@gmail.com	Department of Information Technology	student	activated	View	Edit

## Figure-show successfully

- Now here I have select **faculty option for testing**. After I have click on faculty.

The screenshot shows a web browser window with the URL [iamsayem.com/user](http://iamsayem.com/user). The page title is "Extruding Circumstances". The navigation menu includes "extenuating circumstances", "Users", "Facultys" (which is highlighted with a red box), "Courses", "Subjects", "Academy Years", "Reports", "My Profile", and "Logout". Below the menu, there is a table titled "Users" with the following columns: First Name, Last Name, E-mail, Faculty, Role, Access to website, View, and edit. The table contains 9 rows of data. The "Faculty" column lists various departments such as Department of BBA, Department of Philosophical and Cultural Studies, EC manager, Department of Information Technology, EC coordinator, Department of Computer Science, EC coordinator, Department of Information Technology, EC coordinator, Department of BBA, EC coordinator, student, activated, View, Edit; Department of BBA, EC coordinator, activated, View, Edit; EC manager, activated, View, Edit; student, activated, View, Edit; EC coordinator, activated, View, Edit; student, activated, View, Edit; EC coordinator, activated, View, Edit; student, activated, View, Edit; Department of Information Technology, EC coordinator, activated, View, Edit.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	edit
1	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	View	Edit
2	Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	View	Edit
3	Fatema	Akter	muktahannan@gmail.com		EC manager	activated	View	Edit
4	Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	View	Edit
5	Fatema	Akter	fa123akter@gmail.com	Department of Computer Science	EC coordinator	activated	View	Edit
6	Fatema	Akter	fatemaakter114@gmail.com	Department of Information Technology	EC coordinator	activated	View	Edit
7	Mahbub	Alom	m.alom224@gmail.com	Department of BBA	EC coordinator	activated	View	Edit
8	Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of Computer Science	student	activated	View	Edit
9	Ray	Stoneham	techcraftfb120@gmail.com	Department of Information Technology	student	activated	View	Edit

Figure.NO:1-This is for faculty

- Output:** After this page is show on. Which the **entire faculty lists show**. My program test successfully.

The screenshot shows a web browser window with the URL [iamsayem.com/faculty](http://iamsayem.com/faculty). The page title is "Extruding Circumstances". The navigation menu includes "extenuating circumstances", "Users", "Facultys" (which is highlighted with a red box), "Courses", "Subjects", "Academy Years", "Reports", "My Profile", and "Logout". Below the menu, there is a table titled "Faculty list" with the following columns: Faculty name and Edit. The table contains 5 rows of data. The "Faculty name" column lists various departments such as Department of BBA, Department of Philosophical and Cultural Studies, Department of Computer Science, Department of Information Technology, and Department of BBA. The "Edit" column contains five checkboxes, all of which are checked.

Faculty name	Edit
Department of BBA	<input checked="" type="checkbox"/>
Department of Philosophical and Cultural Studies	<input checked="" type="checkbox"/>
Department of Computer Science	<input checked="" type="checkbox"/>
Department of Information Technology	<input checked="" type="checkbox"/>
Department of BBA	<input checked="" type="checkbox"/>

## Figeur.NO:1-This is for faculty list area

- Here I have select on **course option**. Now I have click on course option.

The screenshot shows a web browser window titled "Extraneous Circumstances" with the URL "iamsayem.com/faculty". The page header includes links for "extenuating circumstances", "Users", "Facultys", "Courses" (which is highlighted with a red box), "Subjects", "Academy Years", "Reports", "My Profile", and "Logout". A user icon is also present. The main content area is titled "Faculty list" and contains a table with the following data:

	Faculty name	
<input type="checkbox"/>	Department of BBA	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Department of Philosophical and Cultural Studies	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Department of Computer Science	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Department of Information Technology	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Department of BBA	<input checked="" type="checkbox"/> Edit

Below the table, it says "Showing 1 to 5 of 5 entries" and has "Previous" and "Next" buttons. At the bottom are "Delete" and "Create" buttons.

## Figeur.NO:1-This is for course

- Output:** after this display is show on. Which the entire **course list views** on this screen.

The screenshot shows a web browser window titled "Extraneous Circumstances" with the URL "iamsayem.com/course". The page header includes links for "extenuating circumstances", "Users", "Facultys", "Courses" (which is highlighted with a red box), "Subjects", "Academy Years", "Reports", "My Profile", and "Logout". A user icon is also present. The main content area is titled "Course list" and contains a table with the following data:

	Course name	Faculty	
<input type="checkbox"/>	Accounting	Department of BBA	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Finance & Banking	Department of BBA	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Business information technology	Department of Information Technology	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Psychology	Department of Philosophical and Cultural Studies	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Information Systems	Department of Information Technology	<input checked="" type="checkbox"/> Edit

Below the table, it says "Showing 1 to 5 of 5 entries" and has "Previous" and "Next" buttons. At the bottom are "Delete" and "Create" buttons.

## Figeur.NO:1-This is for course list area

- Here I have select on **subject option for testing**. After I have click on subjects option.

Course name	Faculty	
Accounting	Department of BBA	<input checked="" type="checkbox"/> Edit
Finance & Banking	Department of BBA	<input checked="" type="checkbox"/> Edit
Business information technology	Department of Information Technology	<input checked="" type="checkbox"/> Edit
Psychology	Department of Philosophical and Cultural Studies	<input checked="" type="checkbox"/> Edit
Information Systems	Department of Information Technology	<input checked="" type="checkbox"/> Edit

Showing 1 to 5 of 5 entries

[Delete](#) [Create](#)

**Figeur.NO:1-This is for subject**

- Output:** after this display is show on. Which the **entire subjects** list views on this screen.

Subject name	subject data closer	Courses	
Web Design & Development	2017-04-18	Business information technology	<input checked="" type="checkbox"/> Edit
Finance	2017-04-16	Accounting	<input checked="" type="checkbox"/> Edit
Human psychology	2017-04-12	Psychology	<input checked="" type="checkbox"/> Edit
CCNA	2017-04-14	Business information technology	<input checked="" type="checkbox"/> Edit

Showing 1 to 4 of 4 entries

[Delete](#) [Create](#)

**Figeur.NO:1-This is for subject list area**

- Now I have select on academy year option for testing. After I have click on **academy option**.

Subject name	subject data closer	Courses	
Web Design & Development	2017-04-18	Business information technology	<input type="checkbox"/> Edit
Finance	2017-04-16	Accounting	<input type="checkbox"/> Edit
Human psychology	2017-04-12	Psychology	<input type="checkbox"/> Edit
CCNA	2017-04-14	Business information technology	<input type="checkbox"/> Edit

Showing 1 to 4 of 4 entries

Previous 1 Next

**Delete** **Create**

**Figure.NO:1-This is for academy year**

- Output:** here show on **academy year display**.
- Which the all academy year session list show on and with date and year show.

Year	Spring assessment due date	Summer assessment due date	Autumn assessment due date	
2017	2017-04-21	2017-08-17	2017-11-07	<input type="checkbox"/> Edit

**Delete** **Create**

**Figure.NO:1-This is for academy year area**

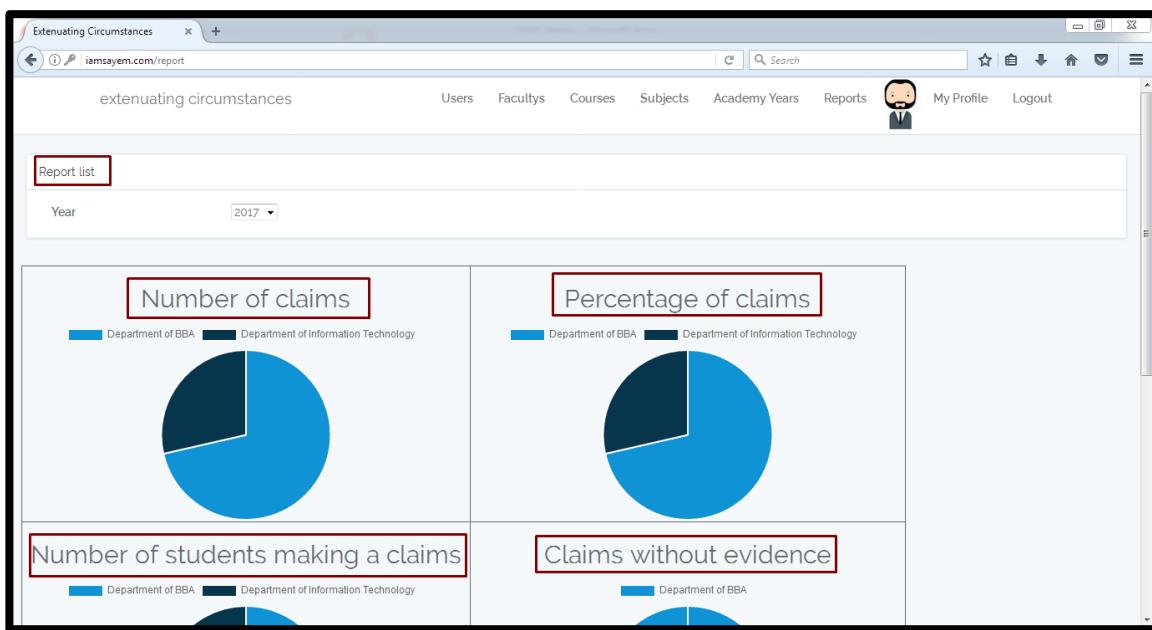
- Now I have select on **report for testing**. After I have click on report option.

Year	Spring assessment due date	Summer assessment due date	Autumn assessment due date
2017	2017-04-21	2017-08-17	2017-11-07

**Delete** **Create**

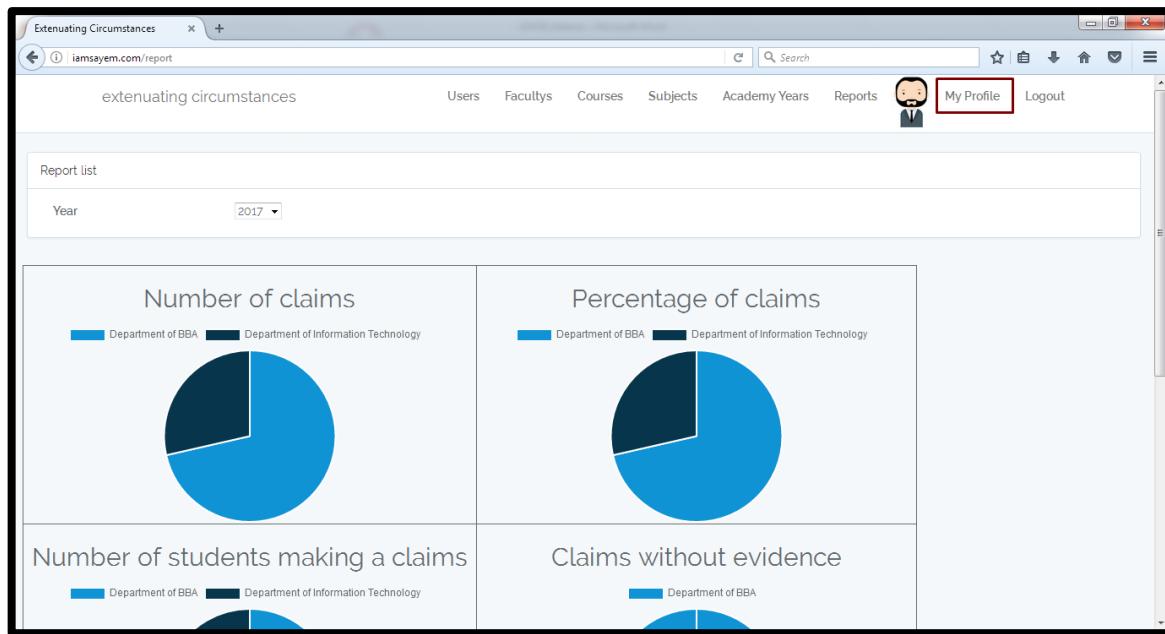
**Figeur.NO:1-This is for report**

- Output:** here show on the entire report list.
- Which have the **number of claims, percentage of claims, number of student making a claims and claims without evidence?** It is successfully run.



**Figeur.NO:1-This is for all claim**

- Here I have chosen on my profile for testing. After I have click on **my profile option**.



**Figeur.NO:1-This is for profile**

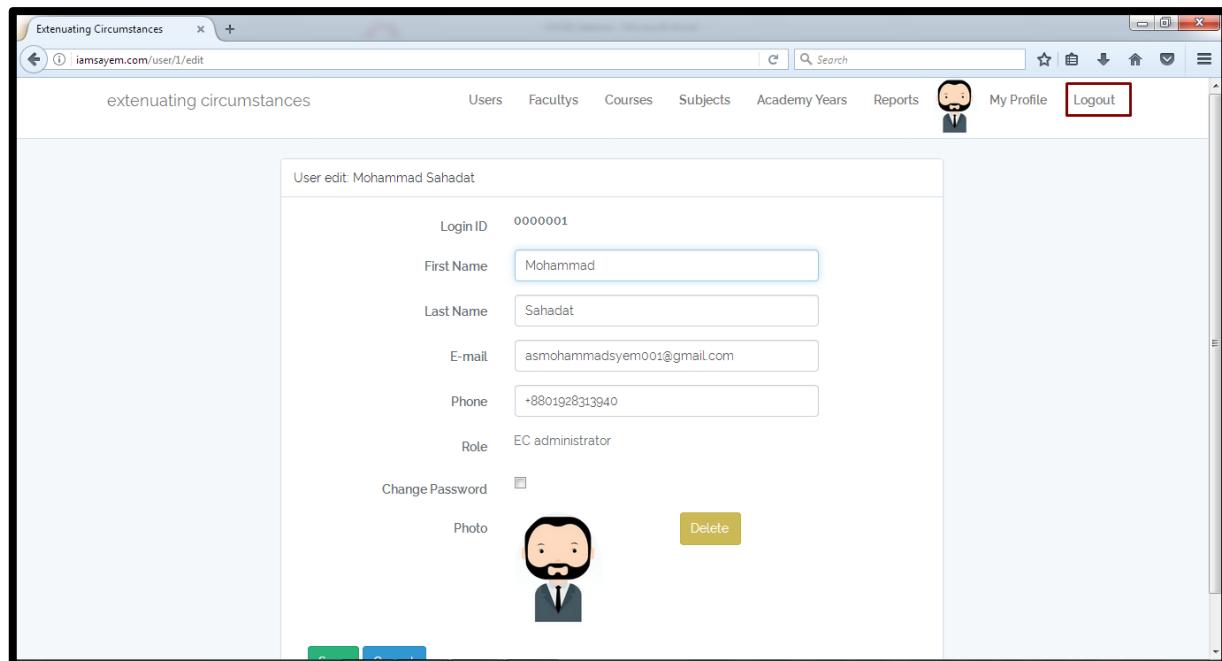
- Output:** after this page is show on .which the all **information show this page**. This page is for admin. This program is run successfully.

User edit: Mohammad Sahadat

Login ID	0000001
First Name	Mohammad
Last Name	Sahadat
E-mail	asmohmadsyem001@gmail.com
Phone	+8801928313940
Role	EC administrator
Change Password	<input type="checkbox"/>
Photo	 <input type="button" value="Delete"/>

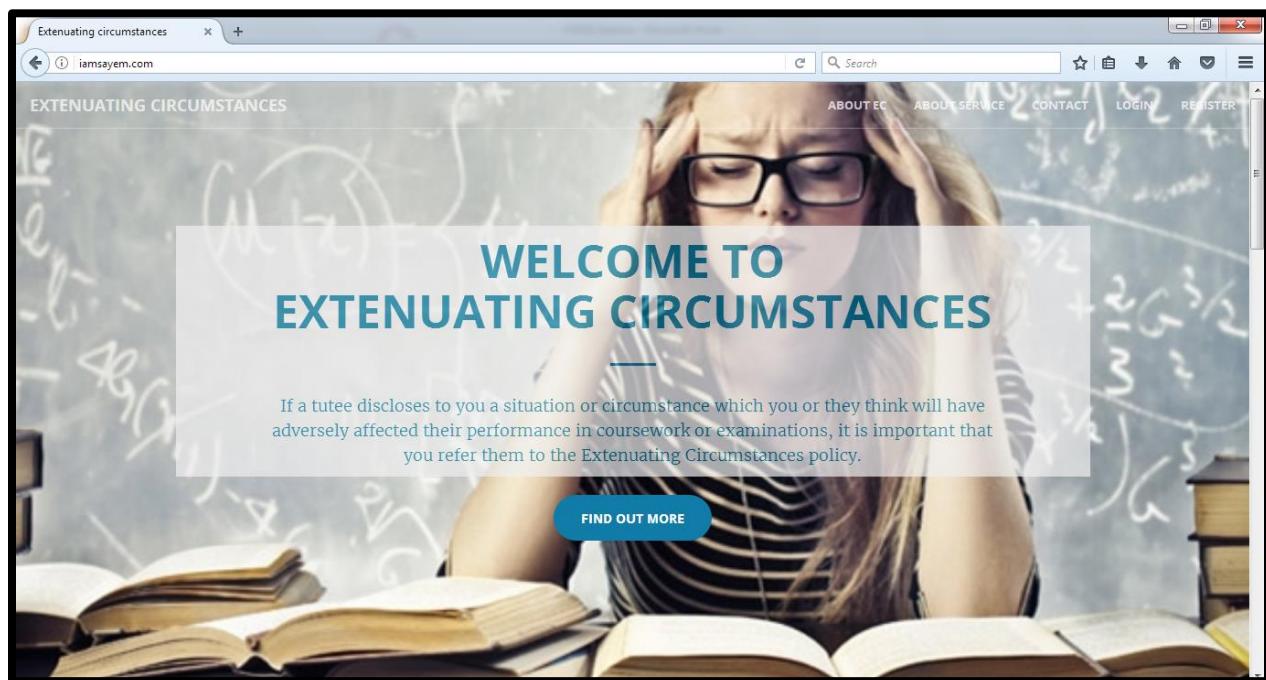
**Figeur.NO:1-This is for admin profile**

- Here I have chosen ***logout for testing***. After I have click on logout option.



**Figure.NO:1-This is for logout test**

- **Output:** after this page is show on .the ***function logout successfully***.



**Figure-logout successfully**

## White box testing:

This testing is ***knowledge based and the internal judgment of an application's code***. It is known as also Glass box Testing. (Anon., n.d.) Internal software and code running must be identified for this type of testing. Tests are based on ***reporting of code statements, paths, branches, conditions***. For the white box testing I have to make sure the entire internal program code running correctly or not. So that I have to testing some code for ensure. Including this some functional code in our program:

- Login interface code testing
- User create code testing
- Student Claim submit code testing
- Student Claim accept or not code testing
- E-mail code testing

Previous to our application ***black box testing all function run successfully***. So we don't need to white box testing. Because our all function runs properly that we see previous view.

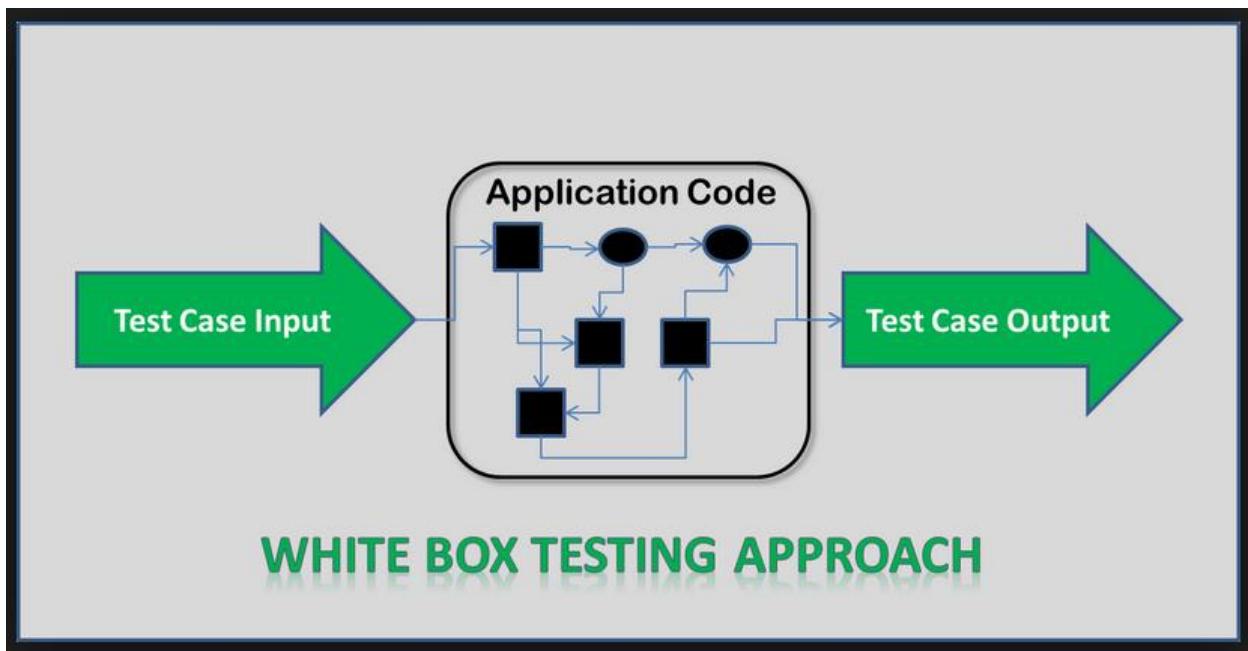


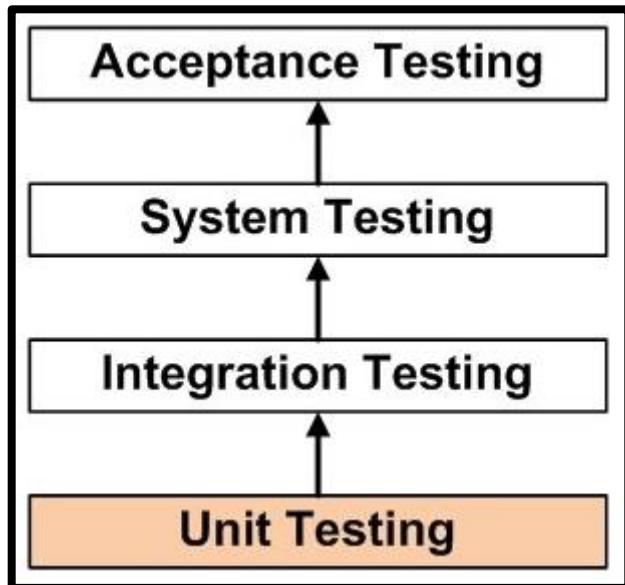
Figure-This display for white box testing

(Anon., n.d.)



## **Unit testing:**

This testing is for ***individual software components***. It requires complete knowledge of the internal program design and code. For the unite testing I have test some internal design and code which our requirement is fulfill. Including this testing:



**Figure-This display for unit testing**

(Anon., n.d.)

Here I have test unite testing:

### Test student claim unit login:

- Email address is “[fatemaakter8dhaka@gmail.com](mailto:fatemaakter8dhaka@gmail.com)” and password is “**Aa123456@”**. After I have click on login option for unit function test.

Laravel

iamsayem.com/login

extenuating circumstances

Login

Register

E-Mail Address

Password

Remember Me

[Forgot Your Password?](#)

Figure-This display for student claim login

- **Output:** the **functions run successfully**. This is for student area.

Extraneous Circumstances

iamsayem.com/student

extenuating circumstances

My private area Fatema Akter

Student area

Claim list

Claim title	Claim data created	Status	Remaining days	Action
this is cairm for....	2017-04-12 11:54:15	New	14	<a href="#">View</a>
this is cairm for... programming	2017-04-12 12:03:45	New	14	<a href="#">View</a>

New claim

Claim title

Subject

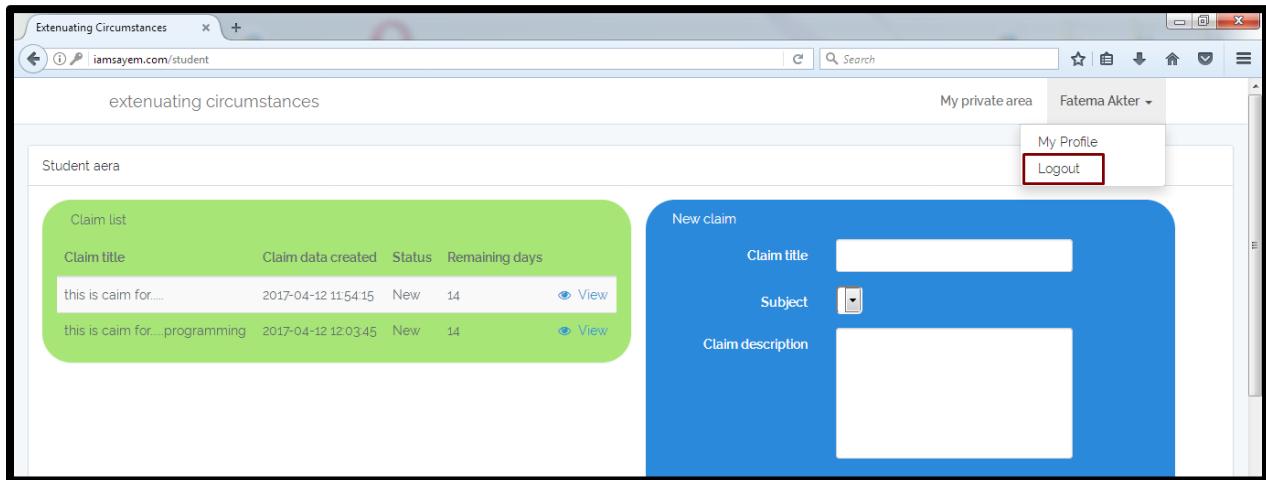
Claim description

Summary of circumstances

- Medical (new)
- Medical (ongoing% worsened)
- Bereavement
- Accident
- Work (part-time and placement students only)
- Harassment or assault
- Other

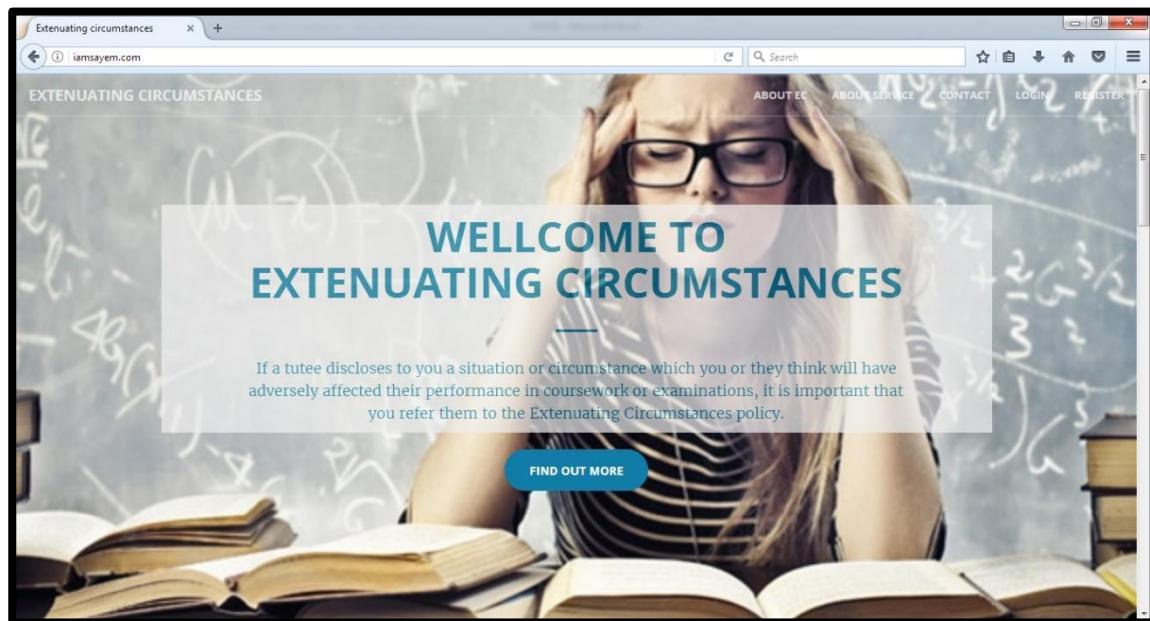
Figure.NO:1-This is for student area

- After I have test **logout unit functionality**. So **click on logout**.



**Figure-This display for logout unit functionality**

- The functions **run successfully** and this screen is show on.



**Figure-This display for run successfully**

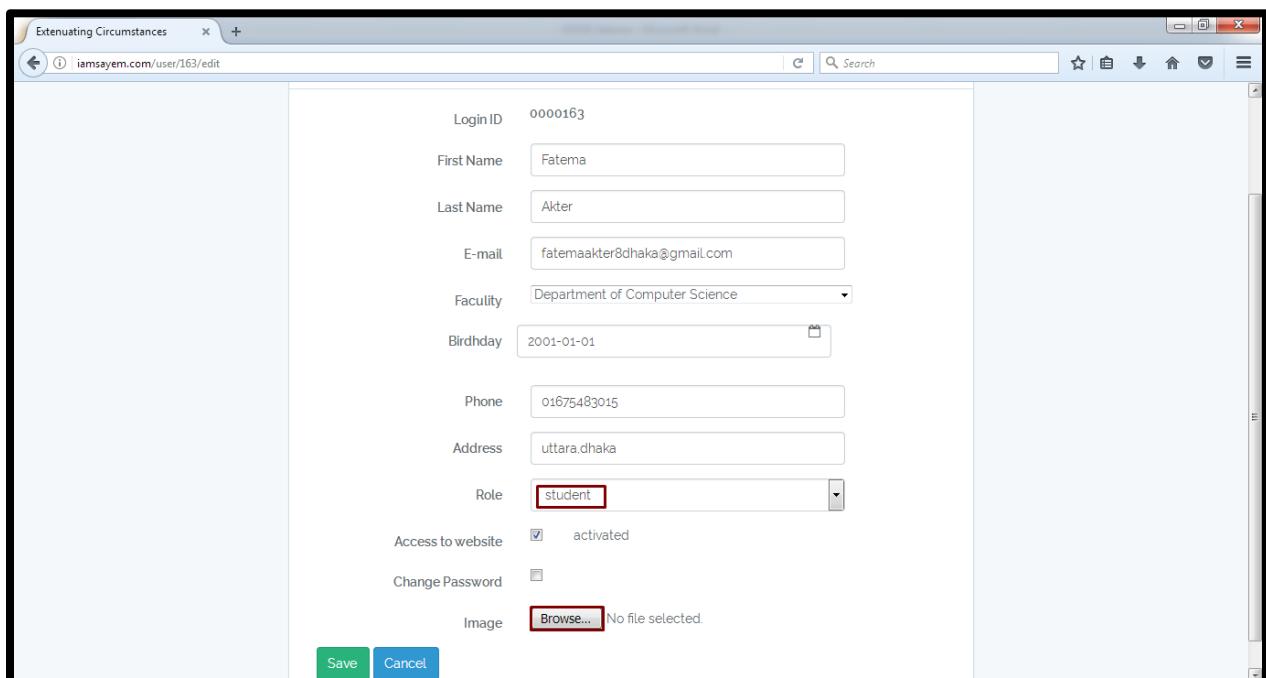
## Functionality testing:

This type of testing ignores the **internal parts and focuses on whether the output is** as per requirement or not. Black-box type testing geared to functional requirements of an application. Here I have to test some functionality to make sure the program is running properly or not. Including some testing task:

- **Edit functionality** testing
- **Created new user** functionality testing
- **Change password** functionality testing
- **Deleted functionality** testing
- Test student **claim login functionality**

### Edit user functionality testing:

- Here I have fulfilled the form for **edit**.
- And click on **browse for select picture**.



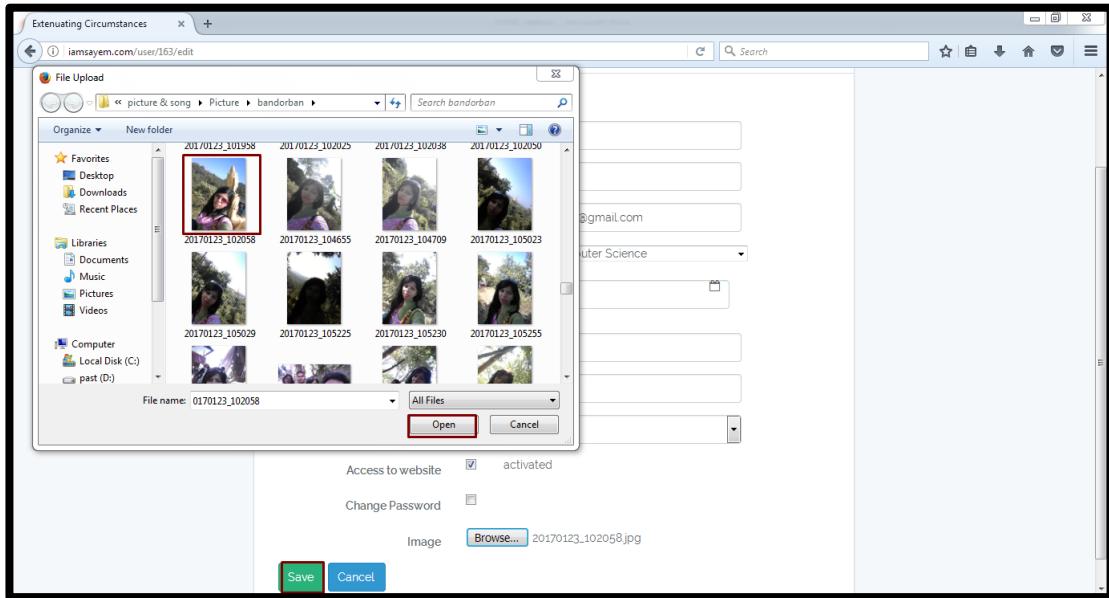
The screenshot shows a web browser window with the title "Extraneous Circumstances". The URL in the address bar is "iamsayem.com/user/163/edit". The page displays a form for editing a user profile. The form fields and their values are as follows:

Login ID	0000163
First Name	Fatema
Last Name	Akter
E-mail	fatemaakter8dhaka@gmail.com
Faculty	Department of Computer Science
Birthday	2001-01-01
Phone	01675483015
Address	uttara.dhaka
Role	student
Access to website	<input checked="" type="checkbox"/> activated
Change Password	<input type="checkbox"/>
Image	<input type="button" value="Browse..."/> No file selected.

At the bottom of the form are two buttons: "Save" and "Cancel".

Figure-This display for edit

- After this is page show on. Here I have **chose one my picture**.
- Then click on “**open**” and after click on “**save**” for picture saving.



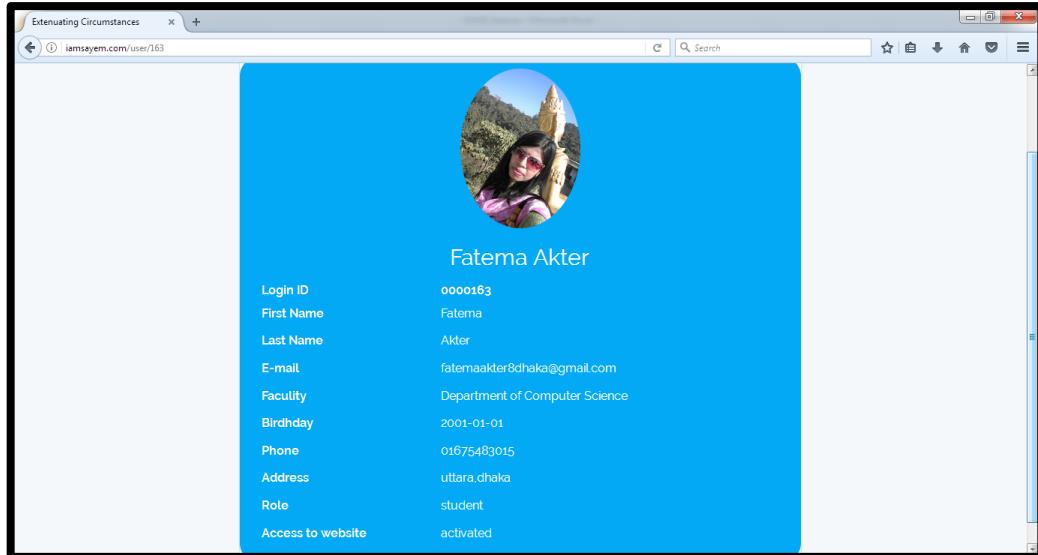
**Figure-This display for seve picture**

- After this page is show on again. Now I have **checked my profile**. Now I have click on view.

Users								
Show 10 entries							Search:	
#	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
1	Mahbub	Alom	mahbulalom202@gmail.com	Department of BBA	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
2	Md. Mosiur	Rahman	trtanjm@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
3	Fatema	Akter	muktahannan@gmail.com		EC manager	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
4	Mohammd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
5	Fatema	Akter	fa123akter@gmail.com	Department of Computer Science	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
6	Fatema	Akter	fatemakarter1148@gmail.com	Department of Information Technology	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
7	Mahbub	Alom	m.alom224@gmail.com	Department of BBA	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
8	Fatema	Akter	fatemakarter8dhaka@gmail.com	Department of Computer Science	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
9	Maxim	Akmov	devstylesoftware@gmail.com	Department of BBA	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>

**Figure-This display for view**

- After this page is show on. ***My functions run successfully.***



**Figure-This display for profile picture**

#### Change password functionality testing:

- Here I have test ***change password functionality***. Now a have click on change password than one box is show on for change password.
- I have written one value for change password. ***After click on save.***

**Figure-This display for change password**

- After this page is show on. That means my **function run successfully**.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
1	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
2	Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
3	Fatema	Akter	muktahannan@gmail.com		EC manager	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
4	Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
5	Fatema	Akter	fa123akter@gmail.com	Department of Computer Science	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
6	Fatema	Akter	fatemaaakter114@gmail.com	Department of Information Technology	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
7	Mahbub	Alom	m.alom224@gmail.com	Department of BBA	EC coordinator	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
8	Fatema	Akter	fatemaaakter8dhaka@gmail.com	Department of Computer Science	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>
9	Maxim	Akimov	devstylesoftware@gmail.com	Department of BBA	student	activated	<input type="button" value="View"/>	<input type="button" value="Edit"/>

Figure-after this view is show

### Deleted functionality testing:

- Now I have check **deleted profile picture functionality**. Here the picture side has delete option so I have click on delete option.

The screenshot shows a user edit form with the following details:

- E-mail: fatemaaakter8dhaka@gmail.com
- Faculty: Department of Computer Science
- Birthday: 2001-01-01
- Phone: 01675483015
- Address: uttara dhaka
- Role: student
- Access to website: activated
- Change Password:

Below the form, there is a photo placeholder with a circular crop icon. To the left of the placeholder is a red-bordered button labeled "Photo". To the right of the placeholder is a red-bordered button labeled "Delete". At the bottom of the form are two buttons: "Save" and "Cancel".

Figure-This display for delete picture

- After this screen for **picture delete** show on. This interfaces no picture show. After click on save. So my **functionality runs successfully**.

The screenshot shows a user profile edit form. The fields include:

- First Name: Fatema
- Last Name: Akter
- E-mail: fatemaaakter8dhaka@gmail.com
- Faculty: Department of Computer Science
- Birthdate: 2001-01-01
- Phone: 01675483015
- Address: uttara.dhaka
- Role: student
- Access to website: activated (checkbox checked)
- Change Password: (checkbox unchecked)
- Image: (Browse... button, No file selected)

Buttons at the bottom: Save (green), Cancel (blue).

**Figure-This display for delete view**

- After this screen show on. After I have **checked my profile view**. Now click on view.

The screenshot shows a users list table with the following data:

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
<input type="checkbox"/>	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	View	Edit
<input type="checkbox"/>	Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	muktahannan@gmail.com		EC manager	activated	View	Edit
<input type="checkbox"/>	Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fa123akter@gamil.com	Department of Computer Science	EC coordinator	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fatemaaakter1148@gmail.com	Department of Information Technology	EC coordinator	activated	View	Edit
<input type="checkbox"/>	Mahbub	Alom	m.alom224@gmail.com	Department of BBA	EC coordinator	activated	View	Edit
<input type="checkbox"/>	Fatema	Akter	fatemaaakter8dhaka@gmail.com	Department of Computer Science	student	activated	View	Edit
<input type="checkbox"/>	Maxim	Akimov	devstylesoftware@gmail.com	Department of BBA	student	activated	View	Edit

**Figure-This display for view**

- After this profile is show on. **Which no picture show.** So my functionality runs successfully.

Login ID	0000163
First Name	Fatema
Last Name	Akter
E-mail	fatemaakter8dhaka@gmail.com
Faculty	Department of Computer Science
Birthday	2001-01-01
Phone	01675483015
Address	uttara.dhaka
Role	student
Access to website	activated

**Figure.NO:1-after delete profile picture**

### Test student claim login functionality:

- Here I have test function as a student claim login.
- Which my Email address is "[fatemaakter8dhaka@gmail.com](mailto:fatemaakter8dhaka@gmail.com)" and password is "Aa123456@". After I have click on login option for function test.

**Figure-This display for student claim login**

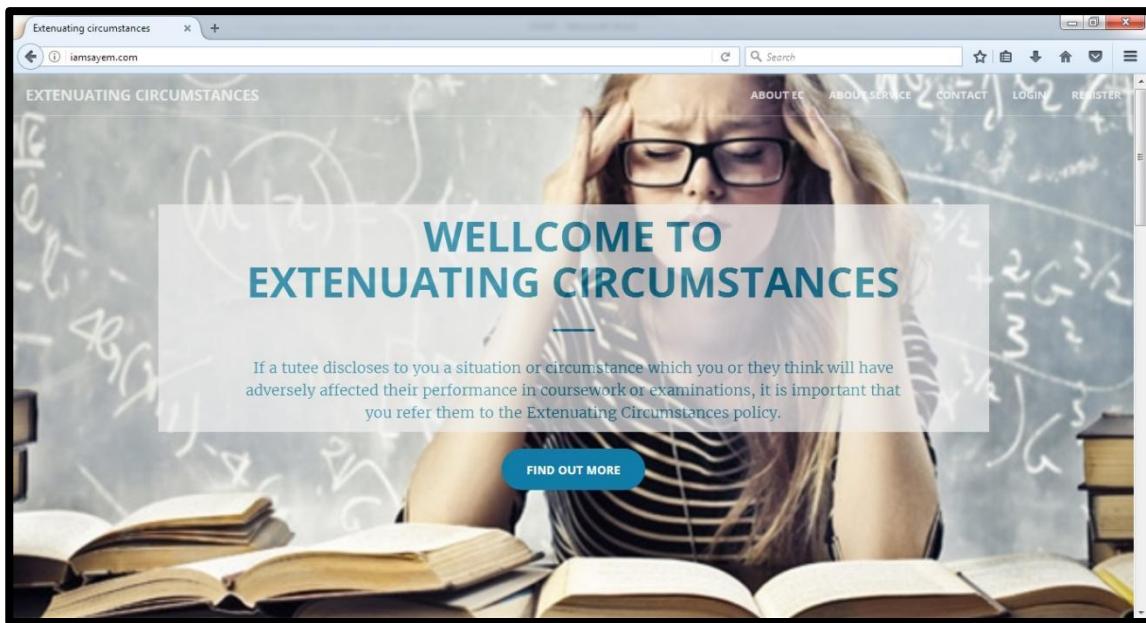
- **Output:** the *functions run successfully*. This is for student area. Which I will be write claim.

**Figure.NO:1-This is for student area**

- After I have test *logout functionality*. So **click on logout**.

**Figure-This display for logout functionality**

- The functions ***run successfully*** and this screen is show on.



**Figure-This display for run successfully**

## System testing:

Entire system is tested as per the requirements. Black-box type testing that is based on the whole requirements condition covers all combined parts of a system. This testing for all the requirements met the program that is ensured. I have to some testing for met requirements. Including this:

- Student Claim submit test
- Upload image PDFs file with evidence test

### Student Claim submit test:

- This is for **student area**. This screen for without claim. Which now I **will be write claim?**

The screenshot shows a web application interface for managing student claims. The top navigation bar includes links for 'Extrating Circumstances', 'iamsayem.com/student', 'Search', and user profile information ('My private area' and 'Fatema Akler'). The main content area is divided into two sections: 'Student area' (highlighted with a red box) and 'New claim'. The 'Student area' section contains a 'Claim list' table with four columns: 'Claim title', 'Claim data created', 'Status', and 'Remaining days'. The 'New claim' section is titled 'New claim' and contains fields for 'Claim title' (empty), 'Subject' (set to 'Fundamental of programming'), and 'Claim description' (empty). Below these fields is a 'Summary of circumstances' section with a list of radio buttons for various reasons: Medical (new), Medical (ongoing% worsened), Bereavement, Accident, Work (part-time and placement students only), and Harassment or assault. The 'Fundamental of programming' subject is highlighted with a red box.

Figure-This display for claim submit

- Here I have write **claim this screen** is show on.

The screenshot shows a web browser window for 'Extenuating Circumstances' on the 'iamsayem.com/student' site. The main area is titled 'extenuating circumstances'. On the left, there's a 'Student area' sidebar with a 'Claim list' button. The right side is a 'New claim' form. The 'Claim title' field has 'this is claim for....' entered. The 'Subject' dropdown is set to 'Fundamental of programming'. The 'Claim description' text area has 'I want to solution....' typed. Below the form is a 'Summary of circumstances' section with a list of options: Medical (new), Medical (ongoing% worsened), Bereavement, Accident, Work (part-time and placement students only), Harassment or assault, and Organisational maladministration.

**Figure-This display for write claim**

- After this screen show on. Our program **runs successfully**. The claims are show on screen.

The screenshot shows the same web browser window after the claim has been submitted. The 'Claim title' field now shows 'this is claim for....' with a timestamp '2017-04-12 11:54:15'. The 'Status' is 'New' and 'Remaining days' is '14'. A 'View' link is visible next to the status. The rest of the form and summary section are identical to the previous screenshot.

**Figure-This display for claim submitted**

## Upload image PDFs file with evidence test:

- When the claim is **upload with PDFs image** this claim is show. After click on view

The screenshot shows a web application interface for managing claims. On the left, there is a 'Student area' sidebar with a 'Claim list' section. This section displays two entries: 'this is caim for....' and 'this is caim for....programming'. The second entry is highlighted with a red box. To the right of this sidebar is a large blue 'New claim' form. The 'Claim title' field is empty, and the 'Subject' dropdown is set to 'Fundamental of programming'. The 'Claim description' field is also empty. Below these fields is a 'Summary of circumstances' section containing a list of radio buttons for different types of claims, such as 'Medical (new)', 'Medical (ongoing% worsened)', 'Bereavement', 'Accident', 'Work (part-time and placement students only)', 'Harassment or assault', and 'Other'. The entire interface is presented within a browser window titled 'Extraneous Circumstances'.

Figure-This display for upload file

- Which **upload file is show** on? So the system runs properly.

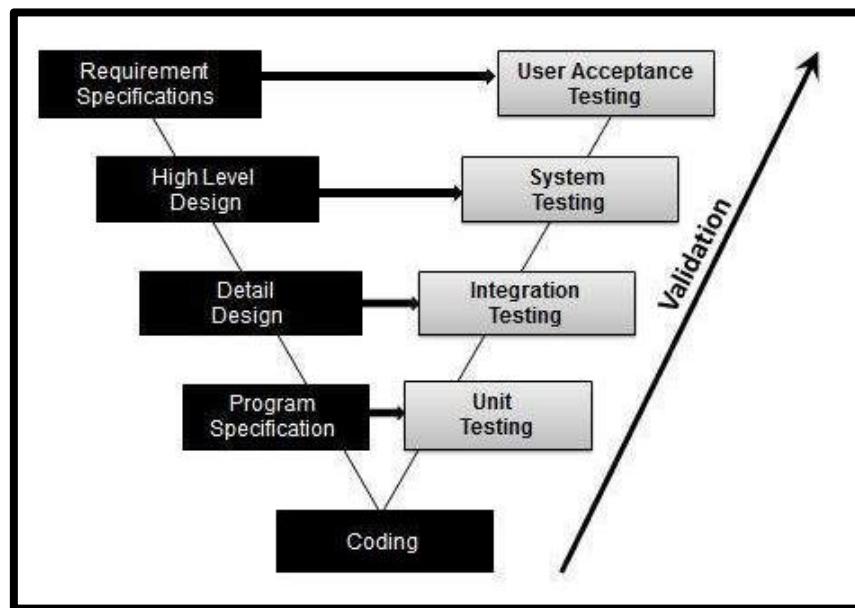
The screenshot shows a 'view\_claim' page. At the top, it displays the subject 'Fundamental of programming' and the teacher 'Fatema Akter'. Below this is a 'Claim description' field containing the text 'some solution.'. Under 'Summary of circumstances', it is listed as 'Accident'. In the 'Documentary evidence' section, it says 'Police report'. A red box highlights the 'Upload files' button. Below this button, a file named 'Chrysanthemum.jpg' is listed. At the bottom of the page, there is an 'Add new evidence' section with 'Choose file' and 'Browse...' buttons, both of which are highlighted with red boxes. There is also a note 'No file selected.' and two buttons at the bottom: 'Send' and 'Back'.

Figure-This display for uploaded file

## **Validation testing:**

This is for valid data type testing. So that I have to ensure all the data information is valid or not. For that I have to testing some function in this program. Including this:

- forgot password validation Login
- User claim validation



**Figure.NO:1-This is for dashboard output**

(Anon., n.d.)

## Forgot password validation Login:

- This page is show on for reset password. Which I have written **Email address and Passwords and confirm password** then click on reset password for testing validation.

The screenshot shows a web browser window with a 'Reset Password' form. The URL in the address bar is <http://iamsayem.com/password/reset/7f907dde3f1f03f9572380079fda07fd2b2d23ce0e8c338db2122584686e85f2>. The form has three input fields: 'E-Mail Address' containing 'fa123akter@gmail.com', 'Password' containing '\*\*\*\*\*', and 'Confirm Password' also containing '\*\*\*\*\*'. Below the fields is a blue 'Reset Password' button.

Figure-This display for forgot password validation

- After this page is show on. Which password **must contain minimum one upper and lower char, digit and special char and has length minimum 8 char.**
- I was insert wrong contain so this page is show. So my validation test runs successfully.

The screenshot shows a web browser window with a 'Reset Password' form. The URL in the address bar is <http://iamsayem.com/password/reset/7f907dde3f1f03f9572380079fda07fd2b2d23ce0e8c338db2122584686e85f2>. The form has three input fields: 'E-Mail Address' containing 'fa123akter@gmail.com', 'Password' (empty), and 'Confirm Password' (empty). A red box highlights the 'Password' field, and an error message 'Password must contains minimum one upper and lower char, digit and special char and has length minimum 8 chars' is displayed above it.

Figure-This display for contain

## User claim validation:

- This **screen for is without evidence**.
- When I have **chose claim without attachment** this screen is show. After click on “**sent**” option.

The screenshot shows a web browser window titled 'Extenuating Circumstances'. The URL is 'iamsayem.com/student'. The page has a green header bar labeled 'Student area'. On the left, there's a 'Claim list' section with a single item: 'Claim title: this is cairn for... Claim data created: 2017-04-12 11:54:15 Status: New Remaining days: 14 View'. On the right, there's a 'New claim' form. The 'Claim title' field contains 'this is cairn for... programming'. The 'Subject' dropdown is set to 'Fundamental of programming'. The 'Claim description' field contains 'some solution'. Below the form is a 'Summary of circumstances' section with a list of options: Medical (new), Medical (ongoing% worsened), Bereavement, Accident, Work (part-time and placement students only), Harassment or assault, Organisation maladministration, Unexpected personal or family difficulties, and Other situation. A red box highlights the 'Summary of circumstances' section. A red message box at the top says 'Error detected' with two items: 'The summary of circumstances field is required' and 'The documentary evidence field is required'.

Figure-This display for claim validation

- After “click on sent” option this screen is show.
- Which the message is show “**error deleted**”. Which have “**the summary of circumstances find is require**” and “**the documentary evidence field is require**” evidence, this page is show this. So it is validated successfully.

The screenshot shows the same 'Extenuating Circumstances' page after validation. The 'Error detected' message is gone. The 'Summary of circumstances' section is now highlighted with a red box. The rest of the page structure is identical to the previous screenshot, with the green 'Student area' header, the 'Claim list' table, and the 'New claim' form.

Figure-validation sucessfully

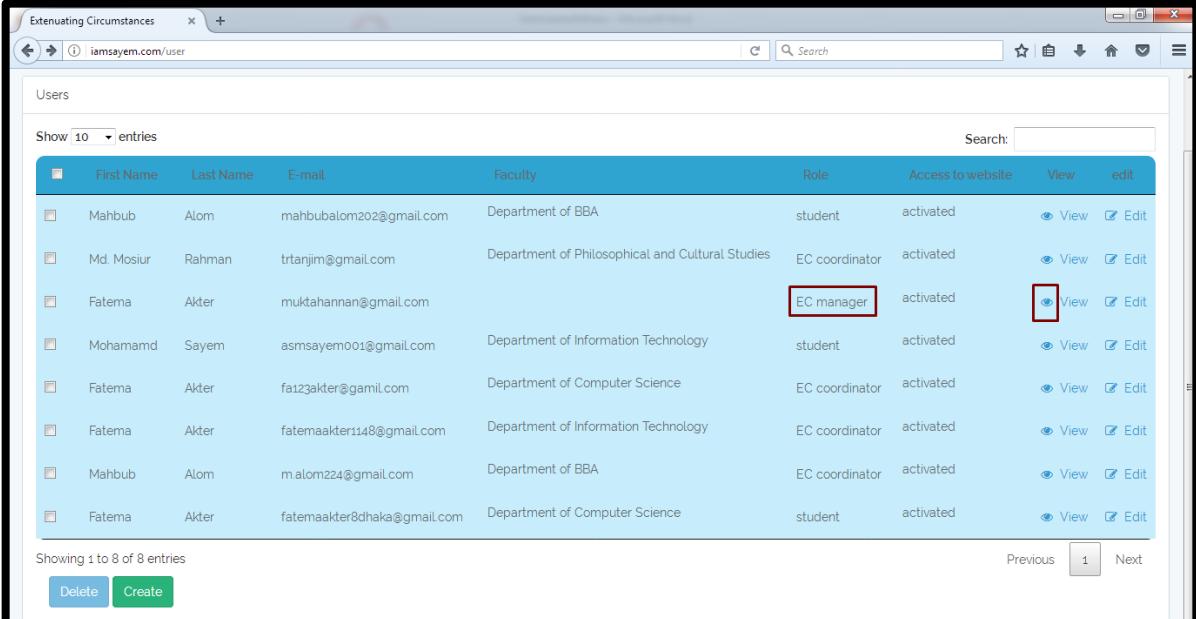
## Usability testing:

This is for User-friendliness check. Application flow is tested, Can new user understand the application easily. Mainly system navigation is checked in this testing. Here I have to testing some function. Including this:

- EC manager:
- Edit usability testing

### EC manager:

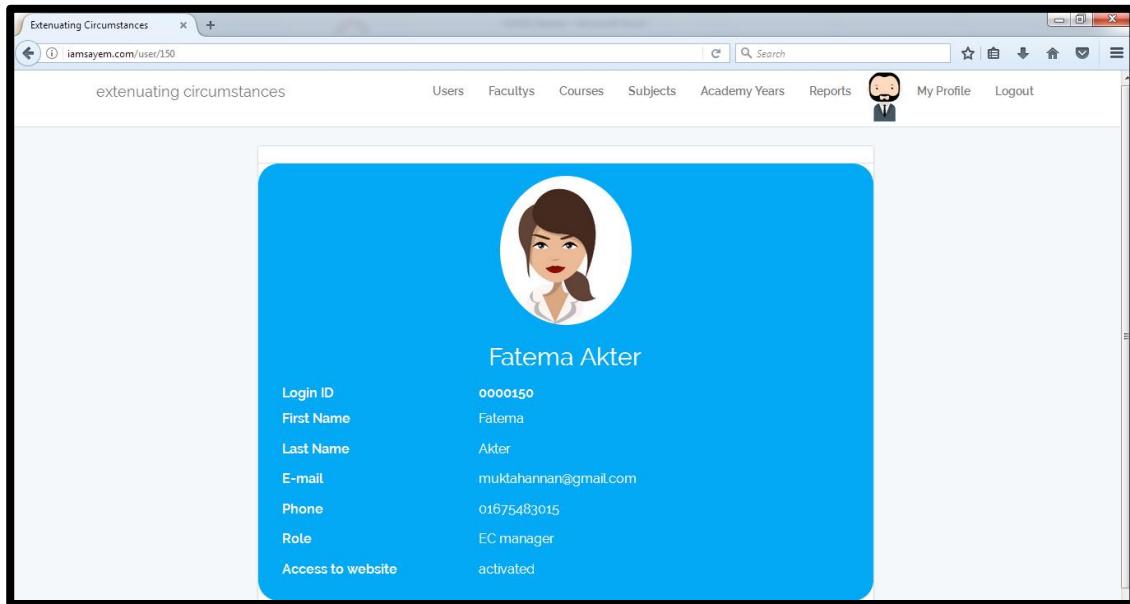
- We know that **usability testing means user friendly**.
- Our application is user friendly. Because the users the user understands function easily for that we are follow some contain.
- Like- “view”. Which we **are used “eye” icon** for view function. For that the user understands easily.
- Here I have test EC manager view. So I have click on view option.



	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
<input type="checkbox"/>	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	 View	 Edit
<input type="checkbox"/>	Md. Mosiur	Rahman	trtanjim@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	 View	 Edit
<input type="checkbox"/>	Fatema	Akter	muktahannan@gmail.com		<b>EC manager</b>	activated	 View	 Edit
<input type="checkbox"/>	Mohamamd	Sayem	asmsayem001@gmail.com	Department of Information Technology	student	activated	 View	 Edit
<input type="checkbox"/>	Fatema	Akter	fa123akter@gmail.com	Department of Computer Science	EC coordinator	activated	 View	 Edit
<input type="checkbox"/>	Fatema	Akter	fatemaaakter1148@gmail.com	Department of Information Technology	EC coordinator	activated	 View	 Edit
<input type="checkbox"/>	Mahbub	Alom	m.alom224@gmail.com	Department of BBA	EC coordinator	activated	 View	 Edit
<input type="checkbox"/>	Fatema	Akter	fatemaaakter8dhaka@gmail.com	Department of Computer Science	student	activated	 View	 Edit

Figure - usability test for view

- After this screen is show. The function ***runs successfully.***
- And show on the manager view with picture icon.



**Figure- display for manager**

### Edit usability testing:

This screen is for edit. Where the edit option was mention pen view. For that the user understands easily.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	edit
<input type="checkbox"/>	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Md. Mosiur	Rahman	trtanjm@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	muktahannan@gmail.com		EC manager	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	fa123akter@gamil.com	Department of Computer Science	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	fatemaakder14@gmail.com	Department of Information Technology	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Mahbub	Alom	m.alom224@gmail.com	Department of BBA	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	fatemaakder@dhaka@gmail.com	Department of Computer Science	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Mohammad	Sayem	asmayem001@gmail.com	Department of BBA	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Pko580		pk0580@mail.ru	Faculty of Multimedia	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	mymail		mymail@mail.ru	Faculty of Multimedia	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit

Showing 1 to 10 of 12 entries

[Delete](#) [Create](#)

**Figure - This display for logout functionality**

- After this screen is show on which the user **edit their information.**

The screenshot shows a web browser window with the URL [iamsayem.com/user/163/edit](http://iamsayem.com/user/163/edit). The page title is "Extenuating Circumstances". The form contains the following fields:

- Login ID: 0000163
- First Name: Fatema
- Last Name: Akter
- E-mail: fatemaaakter@dhaka@gmail.com
- Faculty: Department of Computer Science (selected)
- Birthday: (dropdown menu open, showing "Department of Information Technology" selected)
- Phone: (empty field)
- Address: (empty field)
- Role: student
- Access to website: activated (checkbox checked)
- Change Password: (checkbox)
- Image: (Browse... button, No file selected)

At the bottom are "Save" and "Cancel" buttons.

**Figure-This display for edit**

### Crowd testing:

This is for getting **feedback testing**. Where we are get feedback from individual user about our program and performed test. Now here I have to show **participants name and their destination**. Including this list:

Interview No	Group No	Name of group member	Role
01	Group-A	Shommon Hossain	Teacher
		Mahfuzur Rahman	Student
		Tabana Islam Trisha	Student
02	Group-B	Masud Karim	Teacher
		Shawon Rushdi Alfa	Student
		Apu Hasan	Student
03	Group-C	Atqure Rahaman	Teacher
		Md Masum Joy	Student
		Zihad Ahmed Mohibulla	Student

**Figure-table for participant member with name**

Application Crowd Testing Different Element By Different Person			
Interview No	Test Name	Test Type	Remark
01	Login test	Admin login test	Pass
		User login test	Pass
	Security test	Admin password security test	Pass
		User password security test	Pass
	Registration test	User claim registration test	Pass
	Cross browse test	Mozilla Firefox	Pass
		Google charm	Pass
	Functionally test	User claim test	Pass
02	Login test	Admin login test	Pass
		EC manager login test	Pass
	Security test	Password security test	Pass
	Registration test	User claim registration test	Pass
	Cross browse test	Opera	Pass
		Internet explore	Pass
	Functionally test	Student claim report view test	Pass
	Validation test	User name and password test	Pass
03	Login test	Data integrity test for closure day time	Pass
		Admin login test	Pass
	EC coordinator login test	EC coordinator login test	Pass

	Student login test	Pass
Security test	EC coordinator login password test	Pass
	Student login password test	Pass
Registration test	User claim registration test	Pass
Cross browse test	Internet explore	Pass
Functionally test	Mozilla Firefox	Pass
Validation test	Forgot password test	Pass
Data integrity test	Data integrity test for date of birth	Pass

**Figure-table for crowd testing**

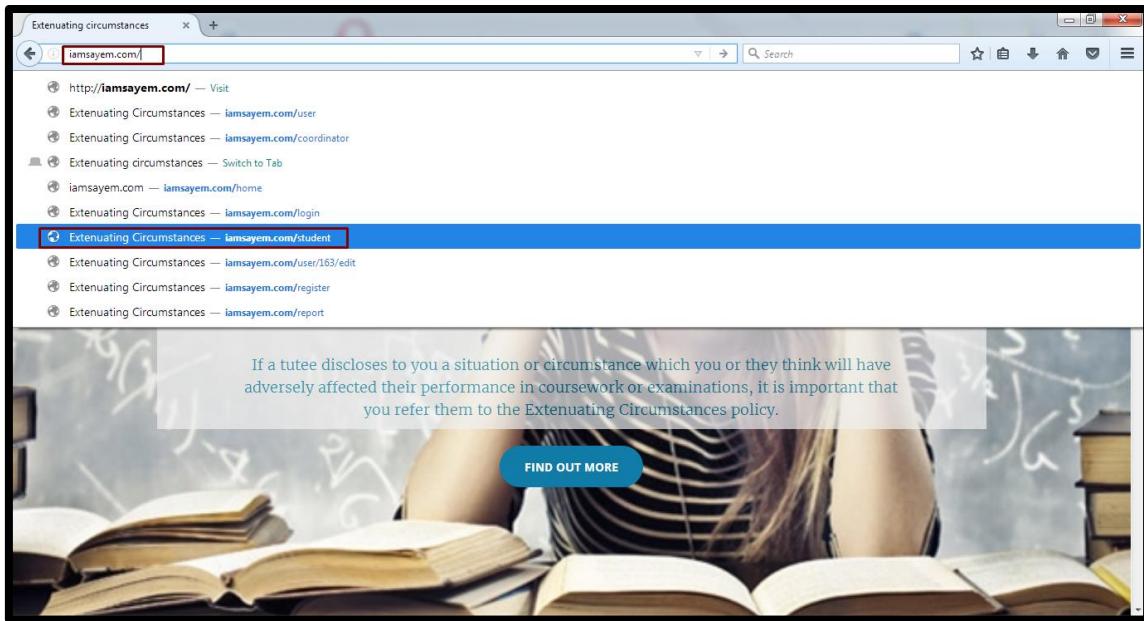
### Security testing:

Can system be **penetrated by any hacking** way? Testing how well the system protects against unauthorized internal or external access. **Checked the system, database is safe from external attacks.** So I have some function testing. Including this:

- Copying URL
- Invalid access
- Session testing

### Copying URL:

- Here I have test **security by URL address**. Here I have chose “**student URL**” page after search on this.



**Figure-display for URL**

- After search the page, no show any student data. Here show on this “**login page**”. So our program is more secure.

The screenshot shows a web browser window with the title 'Extenating Circumstances'. The address bar contains 'iamsayem.com/login'. The main content area displays a 'Login' form. The form includes fields for 'E-Mail Address' and 'Password', a 'Remember Me' checkbox, and buttons for 'Login' and 'Forgot Your Password?'. The URL 'iamsayem.com/login' is highlighted with a red box in the address bar.

**Figure- display for login**

#### Invalid access:

#### Invalid access login:

- I have login application as an invalid user. This screen for login.
- Than I have insert invalid user E-mail address and password.
- Like-emailaddressis“[fatemkter1148@gmail.com](mailto:fatemkter1148@gmail.com)” and password is“123\$Bfatemt”.after I have click on login for invalid assess testing.

The screenshot shows a web browser window with the title 'Extenating Circumstances'. The address bar contains 'iamsayem.com/login'. The main content area displays a 'Login' form. The form includes fields for 'E-Mail Address' and 'Password', a 'Remember Me' checkbox, and buttons for 'Login' and 'Forgot Your Password?'. The input fields for 'E-Mail Address' and 'Password' are highlighted with red boxes.

**Figure- display for login**

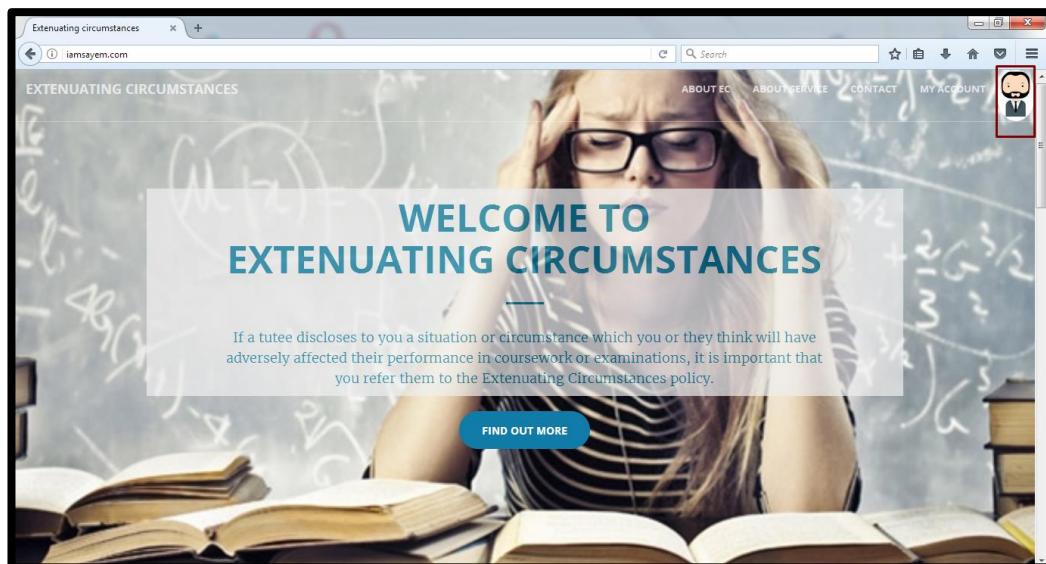
- After this screen is show on. Which show on incorrect user name or password? That means this is secure. So my testing was successfully run.

The screenshot shows a web browser window with the title 'Extenuating Circumstances'. The address bar displays 'iamsayem.com/login'. The main content area shows a 'Login' form. The 'E-Mail Address' input field contains the text 'incorrect user name or password.' which is highlighted with a red border. Below the input fields are 'Login' and 'Forgot Your Password?' buttons.

**Figure- display for run secussfully**

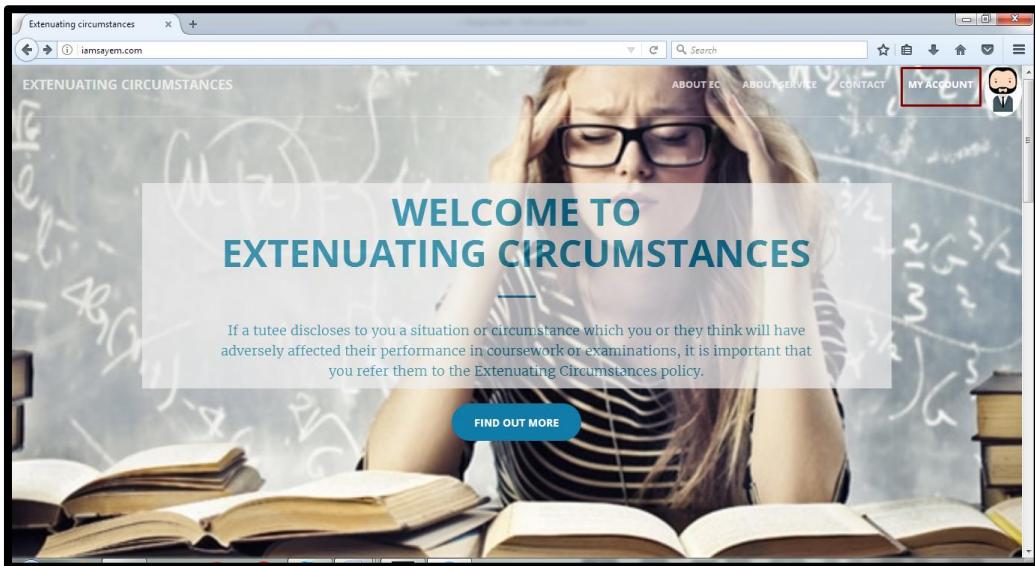
### Session testing:

- This page is **without logout page**. Which I have closed my program without logout when this pages show on.



**Figure- display for session**

- After I have click on my **account for check session**.



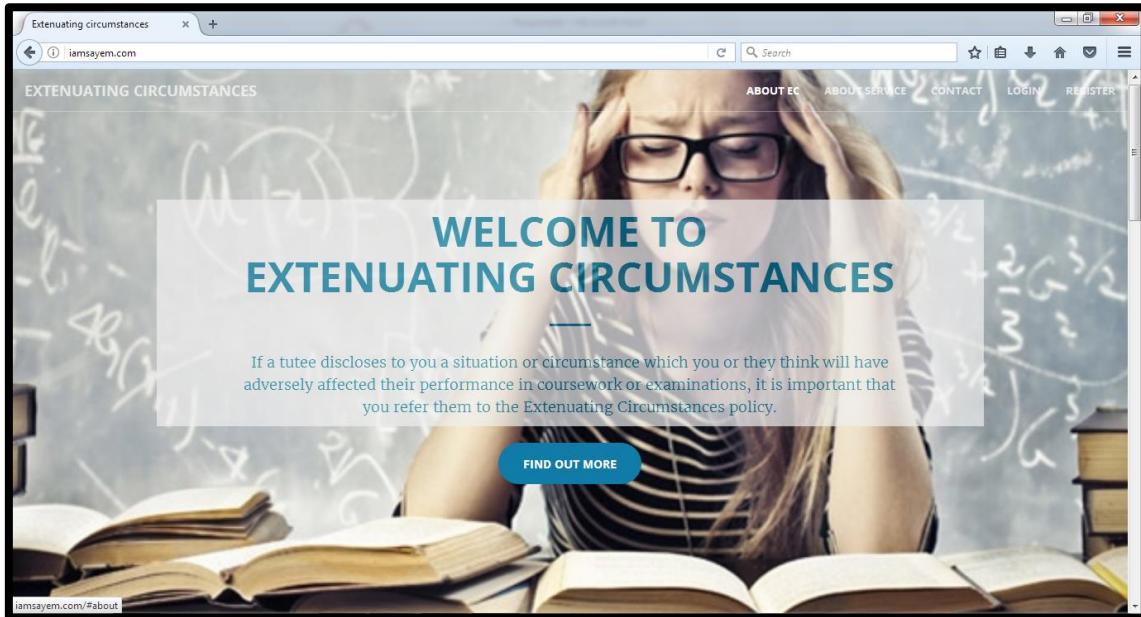
**Figure- display for check session**

- After this page is show. Now here I have **click on logout option for session testing**.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
<input type="checkbox"/>	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Md. Mosiur	Rahman	trtanjinm@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	muktahannan@gmail.com		EC manager	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	fa123akter@gmail.com	Department of Computer Science	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	fatemaakter114@gmail.com	Department of Information Technology	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Mahbub	Alom	malom224@gmail.com	Department of BBA	EC coordinator	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of Computer Science	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
<input type="checkbox"/>	Mohammad	Sayem	asmsayem001@gmail.com	Department of BBA	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit
Waiting for iamsayem.com...				Faculty of Multimedia	student	activated	<input type="checkbox"/> View	<input checked="" type="checkbox"/> Edit

**Figure- display for logout**

- My program ***runs successfully***. The logout properly. Than this page is show on.



**Figure- program run successfully**

### **Responsive testing:**

This testing is very important for this program. It is one of most required testing for this program. It is verified how the program is responding in different platforms with different pixel. Now I have to show different page of the program is tested in different platform with different pixel. All program pages will be run in different pixel with different devices. Including this:

#### **Pixels:**

- 1024 pixels
- 786 pixels
- 360 pixels
- 320 pixels

#### **Devices:**

- Laptop
- Android Mobile
- IOS

- Tablets

### Testing For Laptop:

- I have test my **application for responsive**. Here I have test my application by laptop. My application was run successfully.

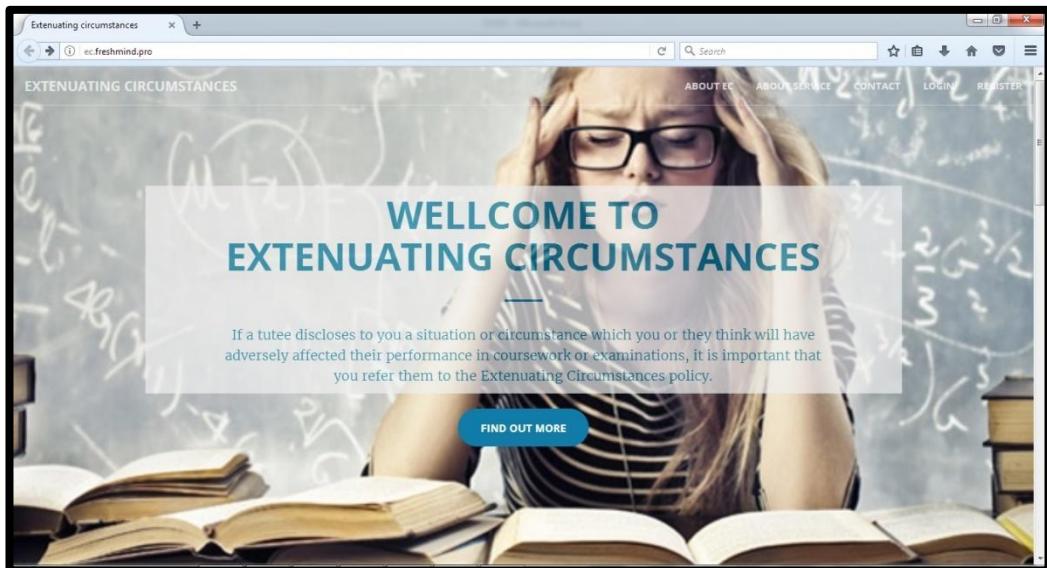
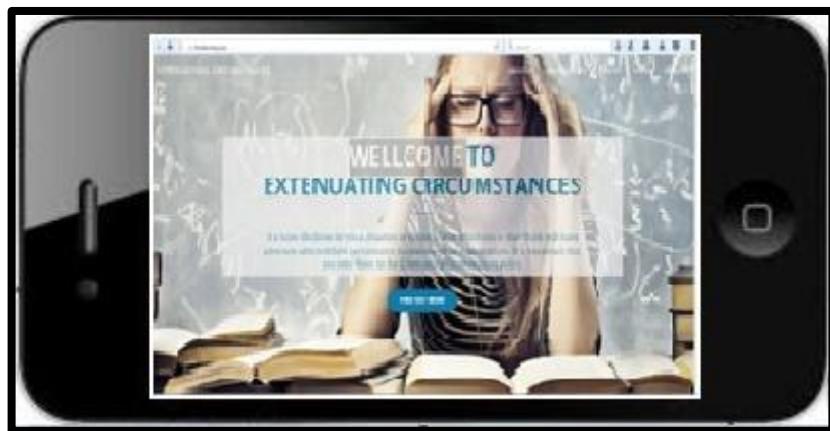


Figure- display forlaptop

### Testing for Android Mobile responsible:

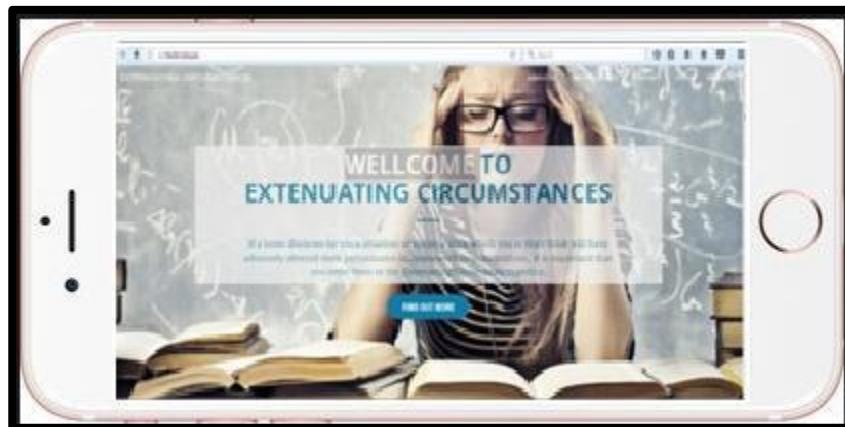
- Now I have test my application for responsive. Here I have test my application by laptop. My application was run successfully.



**Figure- display for android**

**Testing for iSO responsible:**

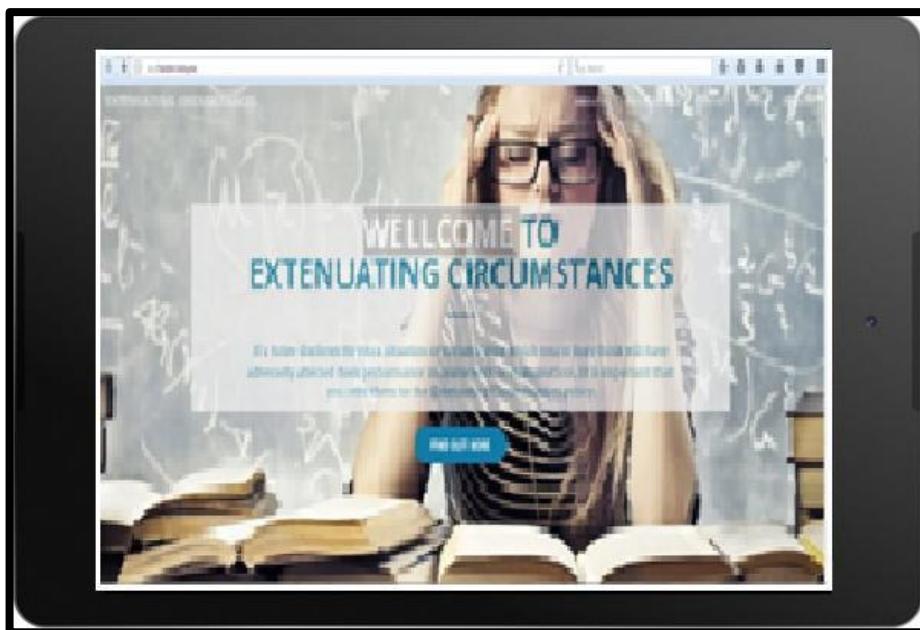
- Here I have test my program for responsive.
- Now I have tested my application by iso. My ***application was run successfully.***



**Figure- display for IOS**

**Testing for Tables responsible:**

- Now I have test my program for responsive.
- Here I have test my application by tables. My ***application was run successfully.***



**Figure- display for tablets**

## Cross browse testing:

This testing is very important for this program. So that I have to check our program is running individual browser. Including browse name list:

- Mozilla Firefox
- Goggle Chrome
- Opera
- Internet Explore

## Browse test for Mozilla Firefox:

- This is Mozilla Firefox page. Here I have test my application by this browser. Now I have written my application name for testing browser.
- My application name is “**iasayem.com**”. Now I have entered the address for testing.

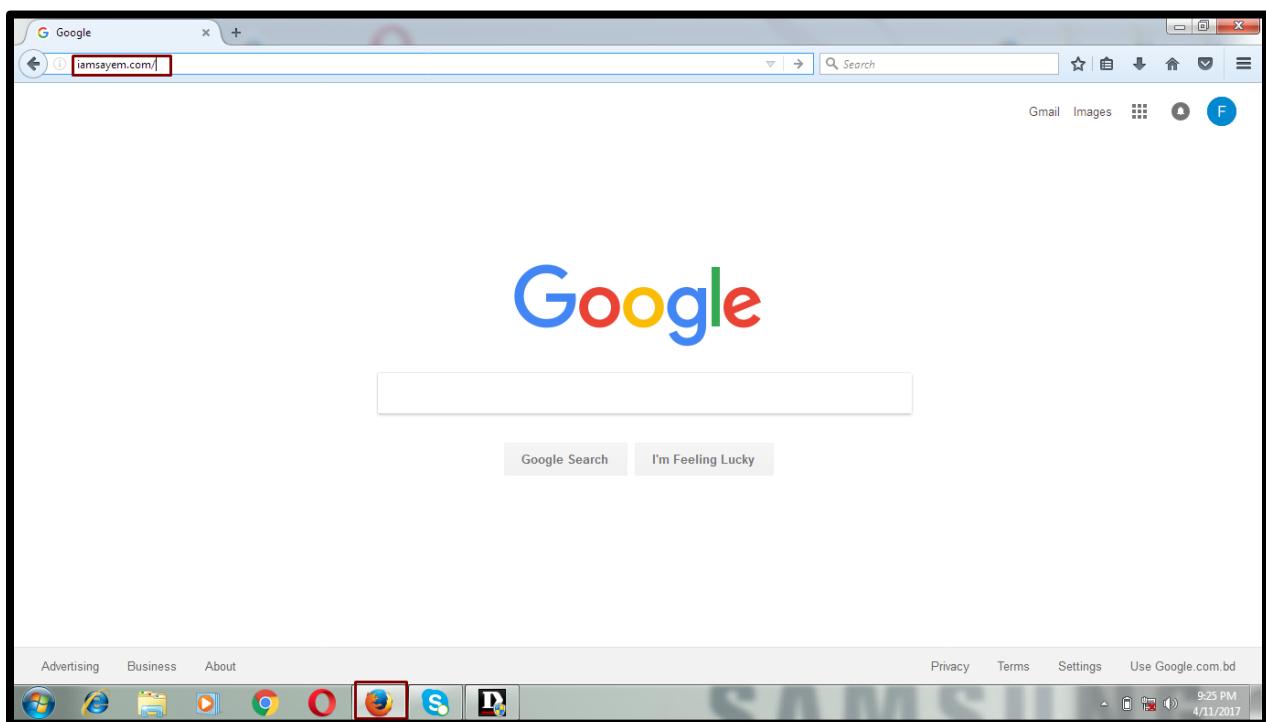
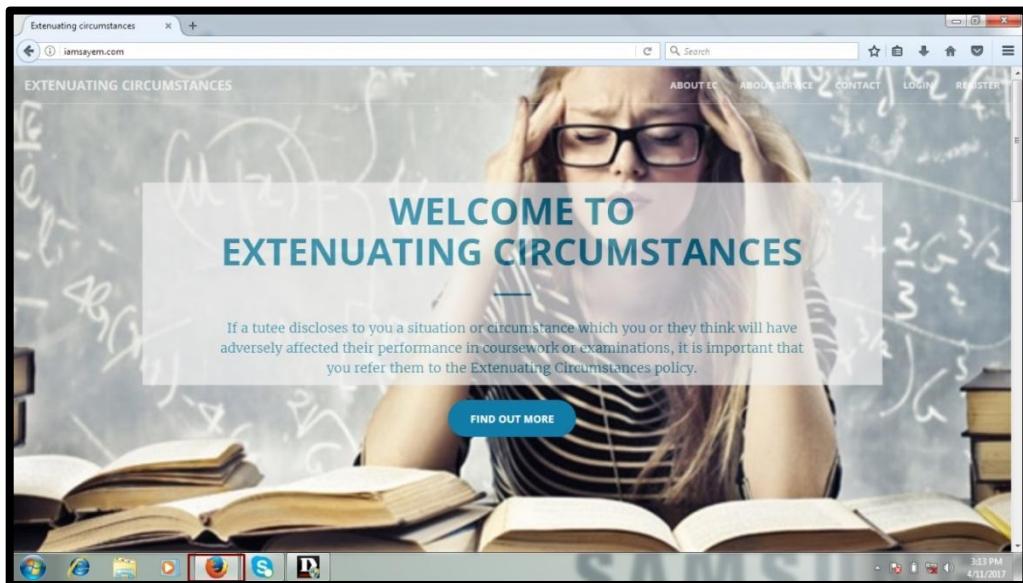


Figure- display for Mozilla Firefox

- Output: after this screen is show on. My ***application run successfully.***

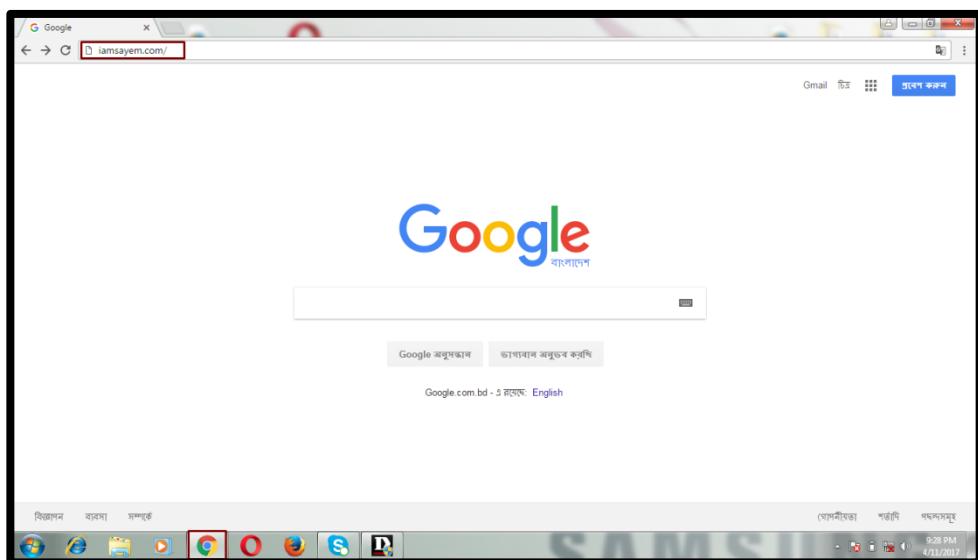


**Figure- display for program run successfully**

#### Browse test for Google Chrome:

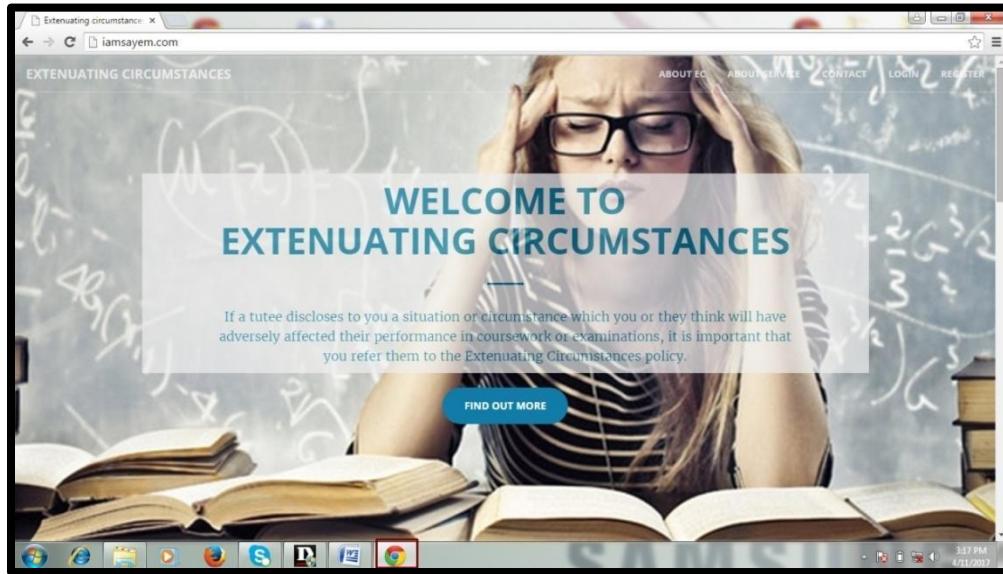
This is Google chrome page. Here I have test my application by this browser. Now I have written my application name for testing browser.

My application name is “iasayem.com”. Now I have entered the address for testing.



**Figure- display for Google chrome**

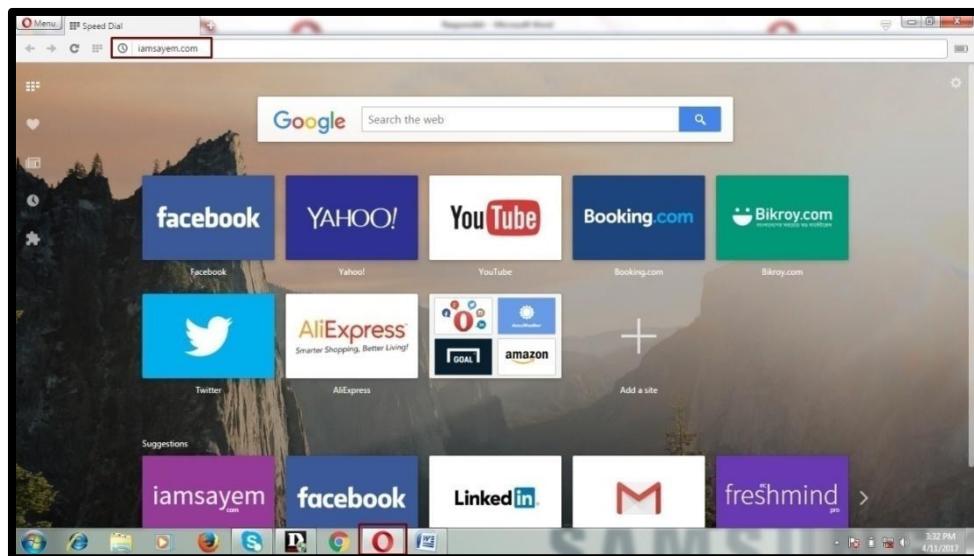
- Output: after this screen is show. My **application runs successfully** in this browser.



**Figure- display for program run successfully**

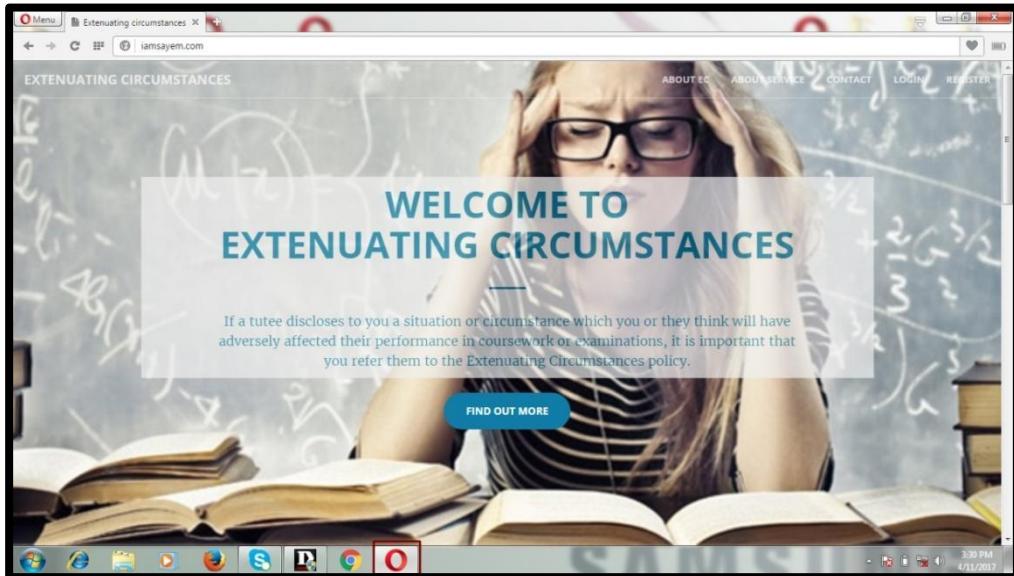
#### Browse test for Opera:

- This is **opera page**. Now I have tested my **application by this browser**. Here I have write my application name for testing browser. My application name is “iasayem.com”. Now I have entered the address for testing.



**Figure- display for opera**

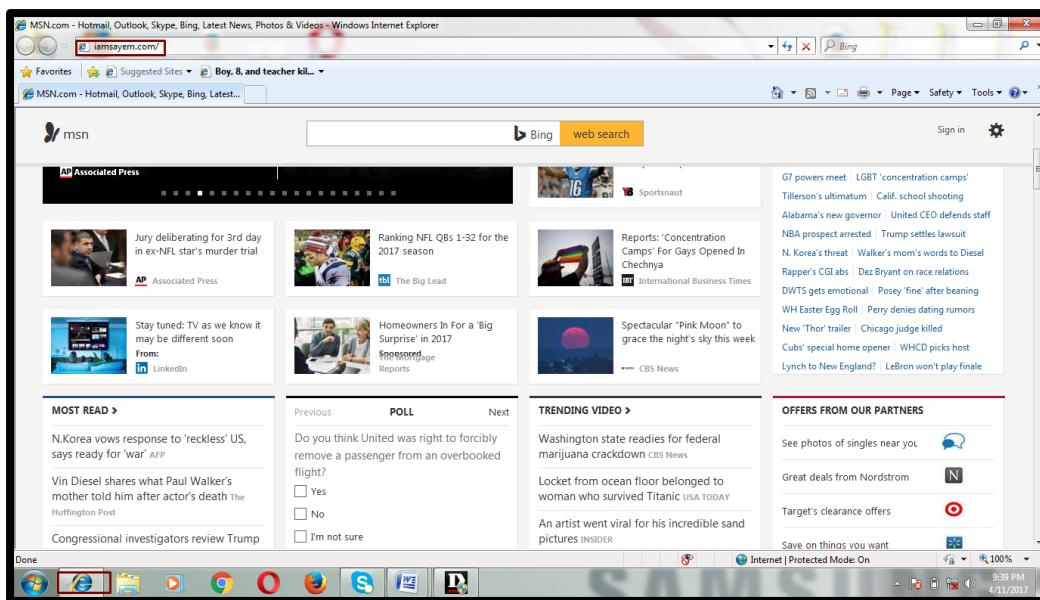
- Output: after this display is show on. ***My application runs successfully*** in this browser.



**Figure- output program run successfully**

### Browse test for Internet Explore:

This is ***internet explorer page***. Some way I have tested ***my application by this browser***. Here I have write my application name for testing browser. My application name is “iasayem.com”. Now I have entered the address for testing.



### Figure- display for internet explorer

- Output: after this display is show on. This **application runs successfully** in this browser.

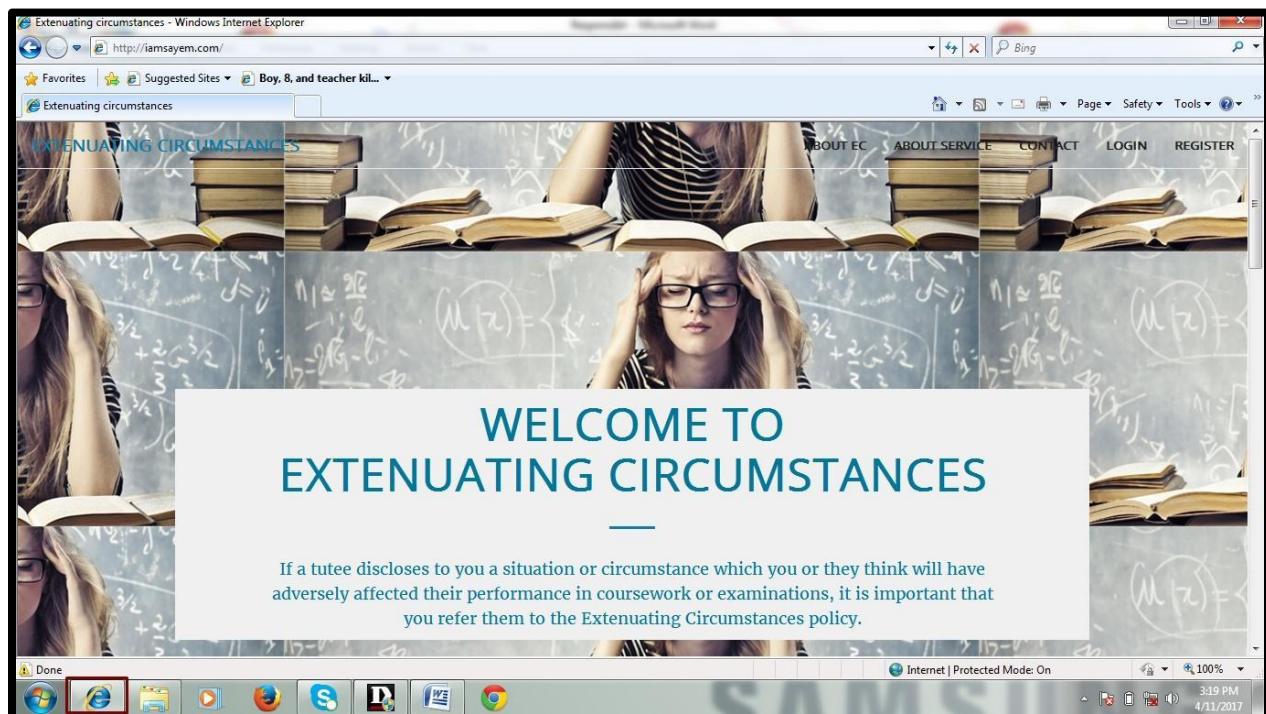


Figure- output program run successfully this browser

## Data integrity testing:

Here I have tested some data interiorty testing. Such as:

- Insert data verify
- Update data verify
- Deleted data verify

### Data integrity test for insert date:

- This is **default format data** in data base. which the data **format follow “2017-06-01”**

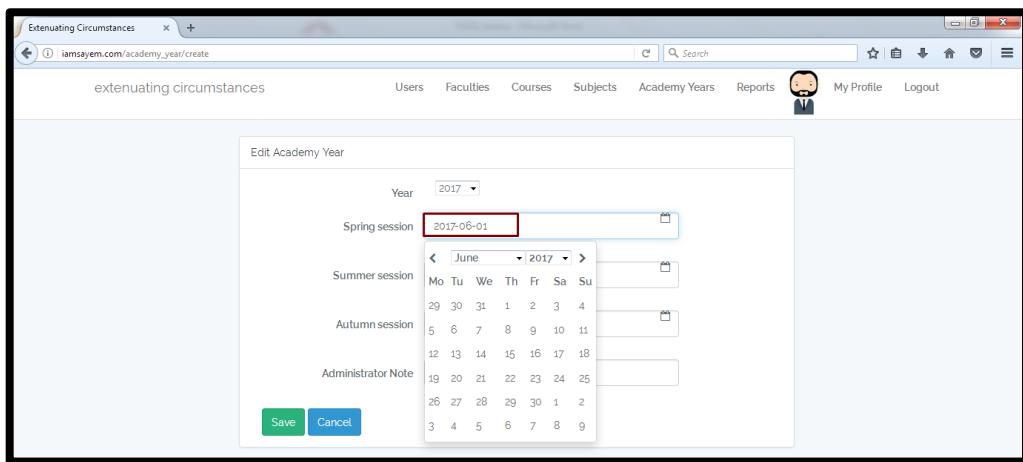


Figure- test for insert data

- Here I have insert “**17-06-2017**” date format data. This screen show on.

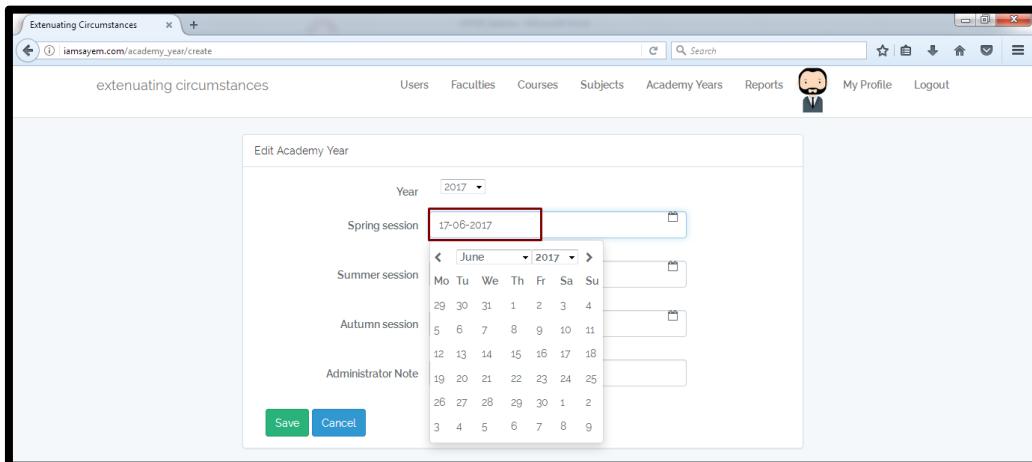


Figure- test for date format data

- After click on outside than this data format is go again previous format. This picture is show on. So our data **insert testing run successfully**.

extenuating circumstances

Users Faculties Courses Subjects Academy Years Reports My Profile Logout

Edit Academy Year

Year: 2017

Spring session: 2017-06-20

Summer session: 2017-09-01

Autumn session: 2017-12-01

Administrator Note:

**Save** **Cancel**

**Figure- insert data test run successfully**

### Update data verify:

- This screen is for **without update data**. Which first name fatema, last name akter,Email-fatemaakter8dhaka@gmail.com, faculty department of computer science, and roll student? Now I have **click on edit**.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	Edit
<input type="checkbox"/>	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated		
<input type="checkbox"/>	Md. Mosiur	Rahman	trtanjin@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated		
<input type="checkbox"/>	Fatema	Akter	muktahanan@gmail.com		EC manager	activated		
<input type="checkbox"/>	Fatema	Akter	fa12zakter@gamil.com	Department of Computer Science	EC coordinator	activated		
<input type="checkbox"/>	Fatema	Akter	fatemaakter1148@gmail.com	Department of Information Technology	EC coordinator	activated		
<input type="checkbox"/>	Mahbub	Alom	m.alom224@gmail.com	Department of BBA	EC coordinator	activated		
<input type="checkbox"/>	Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of Computer Science	student	activated		
<input type="checkbox"/>	Mohammad	Sayem	asmaysayem001@gmail.com	Department of BBA	student	activated		
<input type="checkbox"/>	Pko580		pko580@mail.ru	Faculty of Multimedia	student	activated		
<input type="checkbox"/>	mymail		mymail@mail.ru	Faculty of Multimedia	EC coordinator	activated		

Showing 1 to 10 of 12 entries

**Delete** **Create**

**Figure- test for update data**

- After this screen is show on. Here I have ***update faculty data***.
- Which ***update department of information technology*** where ***department of computer science?***

The screenshot shows a web browser window with the URL <http://iamzayem.com/user/163/edit>. The page is titled 'Extenuting Circumstances'. A dropdown menu is open under the 'Faculty' field, listing several options: 'Department of Computer Sciences', 'Department of BBA', 'Department of Philosophical and Cultural Studies', 'Department of Computer Science', 'Department of Information Technology' (which is highlighted in blue), 'Department of BBA', 'Faculty of Multimedia', 'Test', 'Bachelor of computer science', and 'Business information technology'. Other fields visible include 'Login ID' (0000163), 'First Name' (Fatema), 'Last Name' (Akter), 'E-mail' (fatemaakter8dhaka@gmail.com), 'Birthday' (set to 2001-01-01), 'Phone' (01675483045), 'Address' (uttara.dhaka), 'Role' (student), 'Access to website' (checked), 'Change Password' (unchecked), and an 'Image' section with a 'Browse...' button.

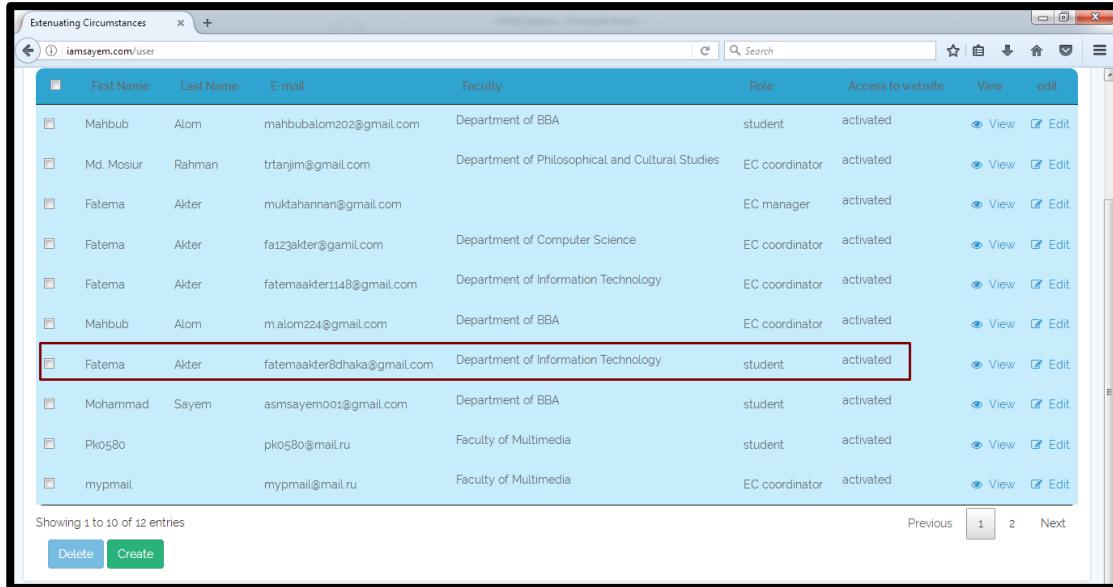
**Figure- selected update data**

- After I have selected department of information technology. This screen show on. After click on save for update data.

This screenshot shows the same web-based user profile editor after the changes have been saved. The 'Faculty' field now displays 'Department of Information Technology'. All other fields remain the same as in the previous screenshot. The 'Save' button at the bottom left is highlighted with a red box.

**Figure- saves update data**

- Output: After update this display is show on. Which the data update successfully.



A screenshot of a web browser displaying a table of user data. The table has columns for First Name, Last Name, E-mail, Faculty, Role, Access to website, View, and edit. There are 12 entries in total. The entry for 'Fatema Akter' is highlighted with a red border. At the bottom left are 'Delete' and 'Create' buttons, and at the bottom right are navigation links for 'Previous', page numbers '1 2', and 'Next'.

	First Name	Last Name	E-mail	Faculty	Role	Access to website	View	edit
<input type="checkbox"/>	Mahbub	Alom	mahbubalom202@gmail.com	Department of BBA	student	activated	View  Edit	
<input type="checkbox"/>	Md. Mosiur	Rahman	trfanjm@gmail.com	Department of Philosophical and Cultural Studies	EC coordinator	activated	View  Edit	
<input type="checkbox"/>	Fatema	Akter	muktahannan@gmail.com		EC manager	activated	View  Edit	
<input type="checkbox"/>	Fatema	Akter	fa123akter@gmail.com	Department of Computer Science	EC coordinator	activated	View  Edit	
<input type="checkbox"/>	Fatema	Akter	fatemaakter1148@gmail.com	Department of Information Technology	EC coordinator	activated	View  Edit	
<input type="checkbox"/>	Mahbub	Alom	m.alom224@gmail.com	Department of BBA	EC coordinator	activated	View  Edit	
<input checked="" type="checkbox"/>	Fatema	Akter	fatemaakter8dhaka@gmail.com	Department of Information Technology	student	activated	View  Edit	
<input type="checkbox"/>	Mohammad	Sayem	asmsayem001@gmail.com	Department of BBA	student	activated	View  Edit	
<input type="checkbox"/>	Pk0580		pk0580@mail.ru	Faculty of Multimedia	student	activated	View  Edit	
<input type="checkbox"/>	mymail		mymail@mail.ru	Faculty of Multimedia	EC coordinator	activated	View  Edit	

Figure- output data update properly data

### Deleted data verify:

- This is **profile view with picture**

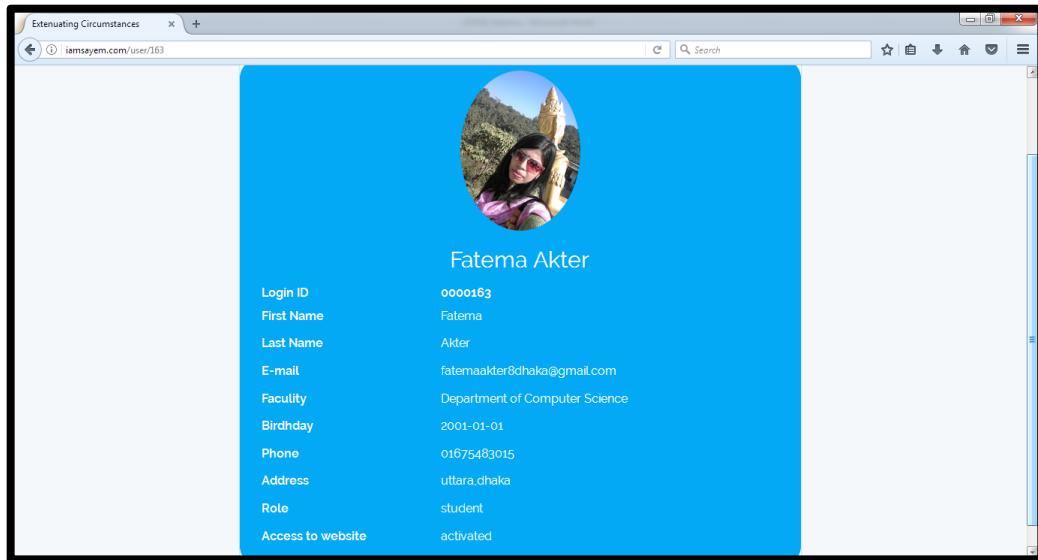
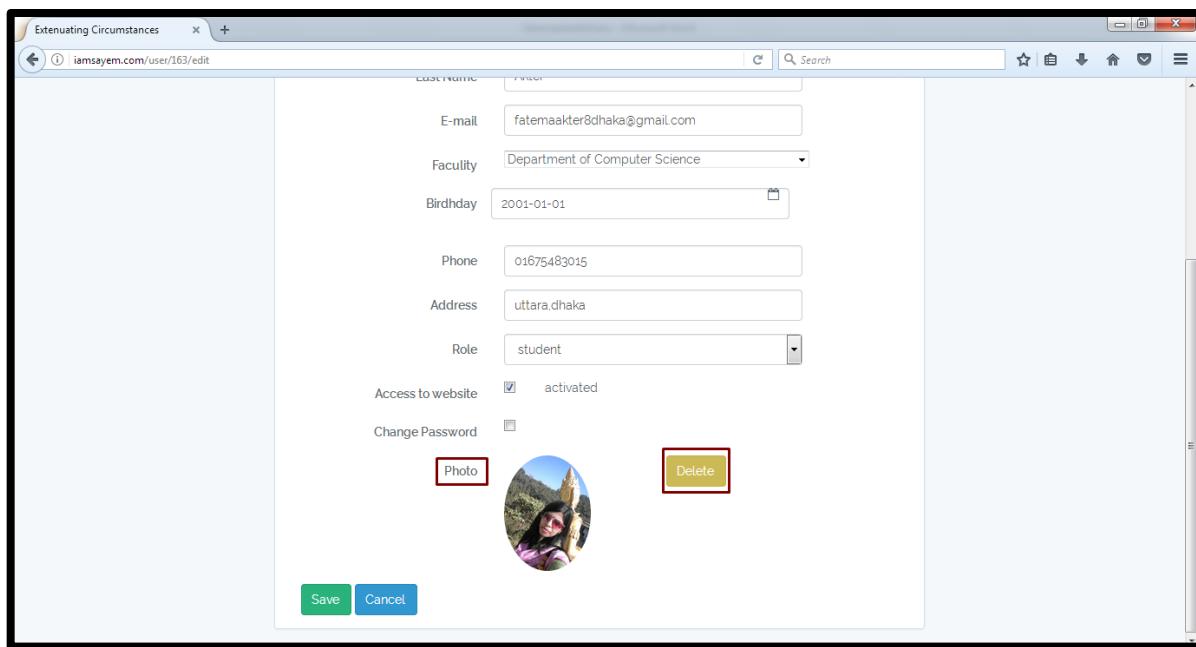


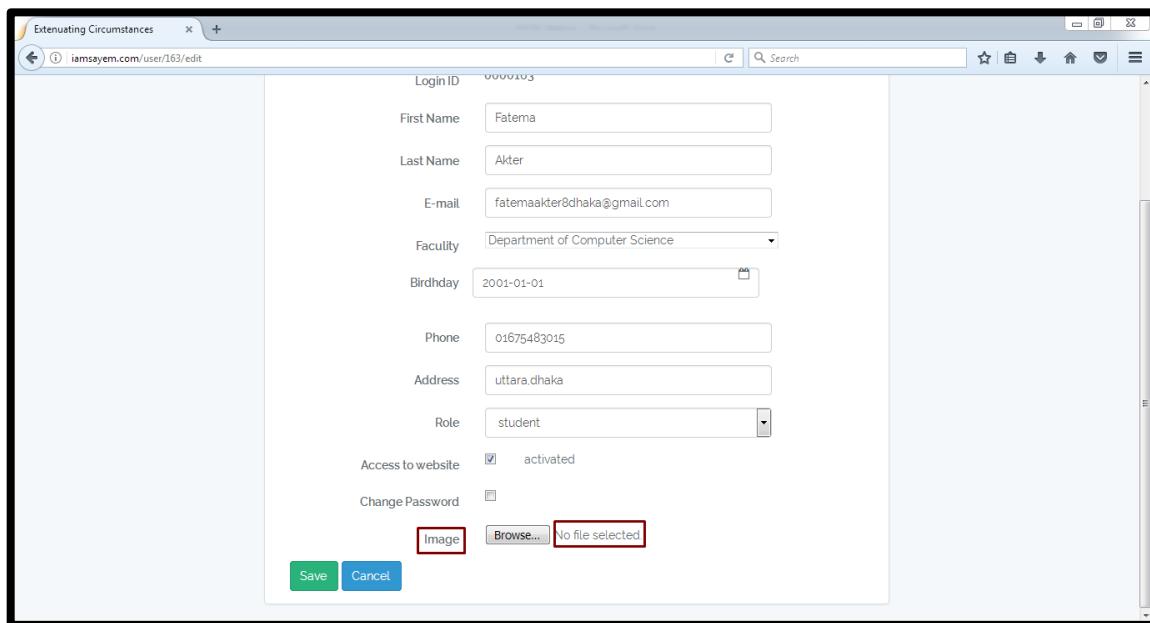
Figure- test for before delete data

- This screen is for **without deleted profile picture**. Here the picture side has delete option so I have click on delete option.



**Figure- select delete picture data**

- After this screen for **picture delete show on**. This interfaces no picture show. After click on save. So the profile picture **delete successfully**.



**Figure- picture deleted successfully**

- After deleted profile view. So the **delete functions run successfully**.

Login ID	0000163
First Name	Fatema
Last Name	Akter
E-mail	fatemaakter8dhaka@gmail.com
Faculty	Department of Computer Science
Birdhday	2001-01-01
Phone	01675483015
Address	uttara, dhaka
Role	student
Access to website	activated

Figure- after deleted profile picture

## Test Log List

**Test log:** here I have to show all the type of testing list

No of Test	Type of Test	Name of Test	Pass/Fail	Comment
01	Black box testing	Login Test	Pass	Run successfully
		Testing for forgot password	Pass	Run successfully
		Testing for Registration page	Pass	Run successfully
		Testing for Dashboard function	Pass	Run successfully
		Testing for about EC	Pass	Run successfully
		Testing for about service	Pass	Run successfully
		Testing for contact	Pass	Run successfully
		Testing for login	Pass	Run successfully
		Testing for register	Pass	Run successfully
		Student Claim submit verify	Pass	Run successfully
		View claim for with evidence	Pass	Run successfully
		View claim for without evidence	Pass	Run successfully
		Report for EC coordinator	Pass	Run successfully
		Search option test	Pass	Run successfully
		Course created verify	Pass	Run successfully
		Subjects create verify	Pass	Run successfully
		Academy year created verify	Pass	Run successfully
		Faculty Created verifies	Pass	Run successfully
		Testing for Error handling	Pass	Run successfully
		Student Claim accepts or not verifies	Pass	Run successfully
		Error handling for student claim	Pass	Run successfully
		Error handling for student claim register:	Pass	Run successfully
		Student Claim accepts or not verifies:	Pass	Run successfully
		Upload image PDFs file with evidence verify	Pass	Run successfully
		E-mail sending verifies	Pass	Run successfully
		After close date new claim disable verify	Pass	Run successfully

		Each faculty access claim verifies	Pass	Run successfully
		Test for admin/user oversee all the process	Pass	Run successfully
02	White box testing	Login interface code testing	Pass	Run successfully
		E-mail code testing	Pass	Run successfully
03	Unite testing	Test student claim unit login	Pass	Run successfully
04	Functionality testing	Edit functionality testing	Pass	Run successfully
		Created new user functionality testing	Pass	Run successfully
		Change password functionality testing	Pass	Run successfully
		Deleted functionality testing	Pass	Run successfully
		Test student claim login functionality	Pass	Run successfully
05	System testing	Student Claim submit test	Pass	Run successfully
		Student Claim accept or not test	Pass	Run successfully
		Correct evidence submit or not test	Pass	Run successfully
		Upload image PDFs file with evidence test	Pass	Run successfully
06	Validation testing	forgot password validation Login	Pass	Run successfully
		User claim validation	Pass	Run successfully
		Student Claim submit validation	Pass	Run successfully
		Student Claim accept or not validation	Pass	Run successfully
		Correct evidence submit or not validation	Pass	Run successfully
		Upload image PDFs file with evidence validation	Pass	Run successfully
		E-mail sending validation	Pass	Run successfully
07	Usability testing	EC manager	Pass	Run successfully
		Check email Notification	Pass	Run successfully
		User picture or PDFs file	Pass	Run successfully
08	Crowd testing	Interview-1	Pass	Done successfully

		Interview-2	Pass	Done successfully
		Interview-3	Pass	Done successfully
09	Security testing	Copying URL	Pass	Run successfully
		Invalid access	Pass	Run successfully
		Session testing	Pass	Run successfully
10	Responsive testing	Laptop	Pass	Run successfully
		Android Mobile	Pass	Run successfully
		IOS	Pass	Run successfully
		Tablets	Pass	Run successfully
11	Cross browser testing	Mozilla Firefox	Pass	Run successfully
		Goggle Chrome	Pass	Run successfully
		Opera	Pass	Run successfully
		Internet Explore	Pass	Run successfully
12	Data integrity testing	Insert data verify	Pass	Test successfully
		Update data verify	Pass	Test successfully
		Deleted data verify	Pass	Test successfully

**Figure- table for login test list**