

PART 4: USER MANUAL

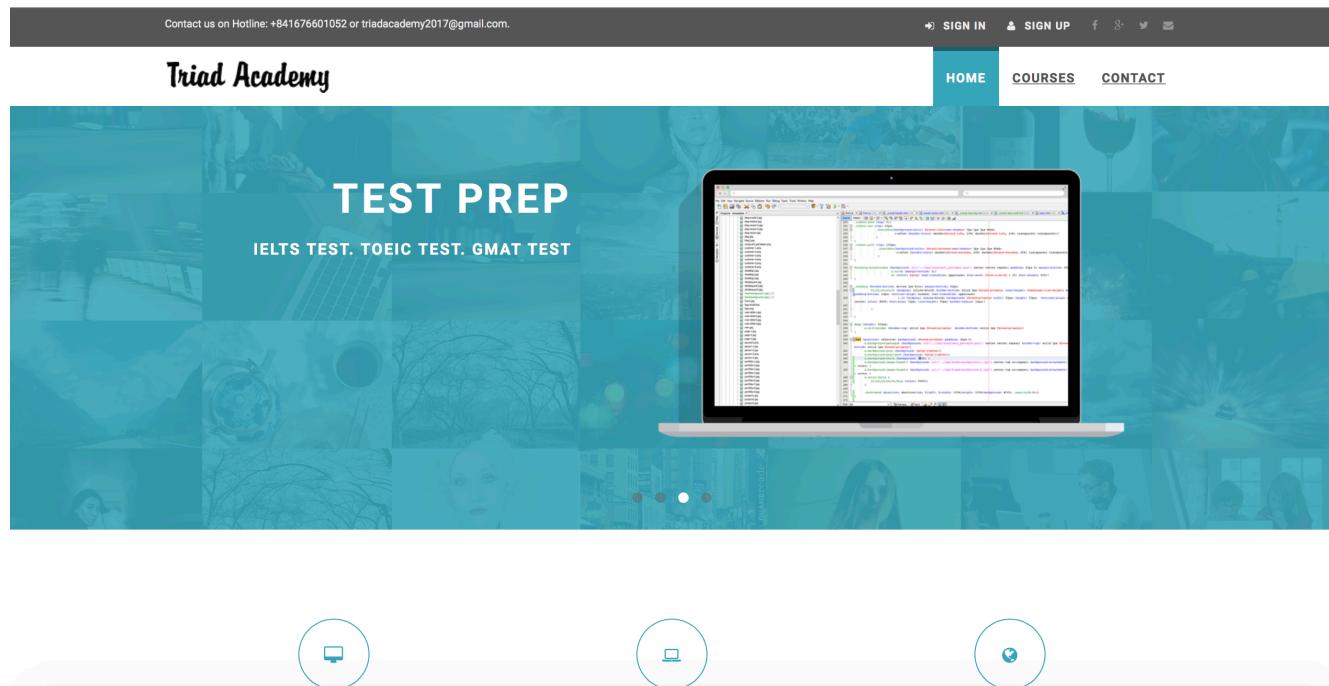
COURSE ACTIVITY MANAGEMENT FOR
DISTANCE LEARNING

28.10.2017

COURSE: SOFTWARE ENGINEERING FALL 2017

CLASS: **TUESDAY MORNING (THEORY)**
STATURDAY AFTERNOON (LABORATORY)

INSTRUCTOR: MS. NGUYEN THI THANH SANG



The screenshot shows the homepage of the Triad Academy website. At the top, there is a dark header bar with the text "Contact us on Hotline: +841676601052 or triadacademy2017@gmail.com." and social media icons for LinkedIn, Facebook, YouTube, Twitter, and Email. Below the header is a navigation bar with "SIGN IN" and "SIGN UP" buttons, followed by links for "HOME", "COURSES", and "CONTACT". The main content area features a large teal-colored banner with the text "TEST PREP" and "IELTS TEST. TOEIC TEST. GMAT TEST". To the right of the banner is a laptop displaying a software interface with multiple windows open, showing code and data. Below the banner, there is a collage of various images including people, a guitar, a car wheel, and architectural structures. At the bottom of the page, there is a footer section with three circular icons containing icons for a computer monitor, a laptop, and a location pin.

MEMBER CONTRIBUTION

Student Name	Student ID	Contribution
Lê Trương Trọng Nguyễn	ITITIU14066	Coding 5 function: Register account, Search course, Register course, Create discussion, Download/Upload
Huỳnh Lê Ngọc Hân	ITITIU14027	Coding function: Login/Logout, Post comment Use manual, test case (Report Part4)
Lý Thu Thảo	ITITUN15008	Coding function: Create announcement, Update Personal Detail.

OUTLINE

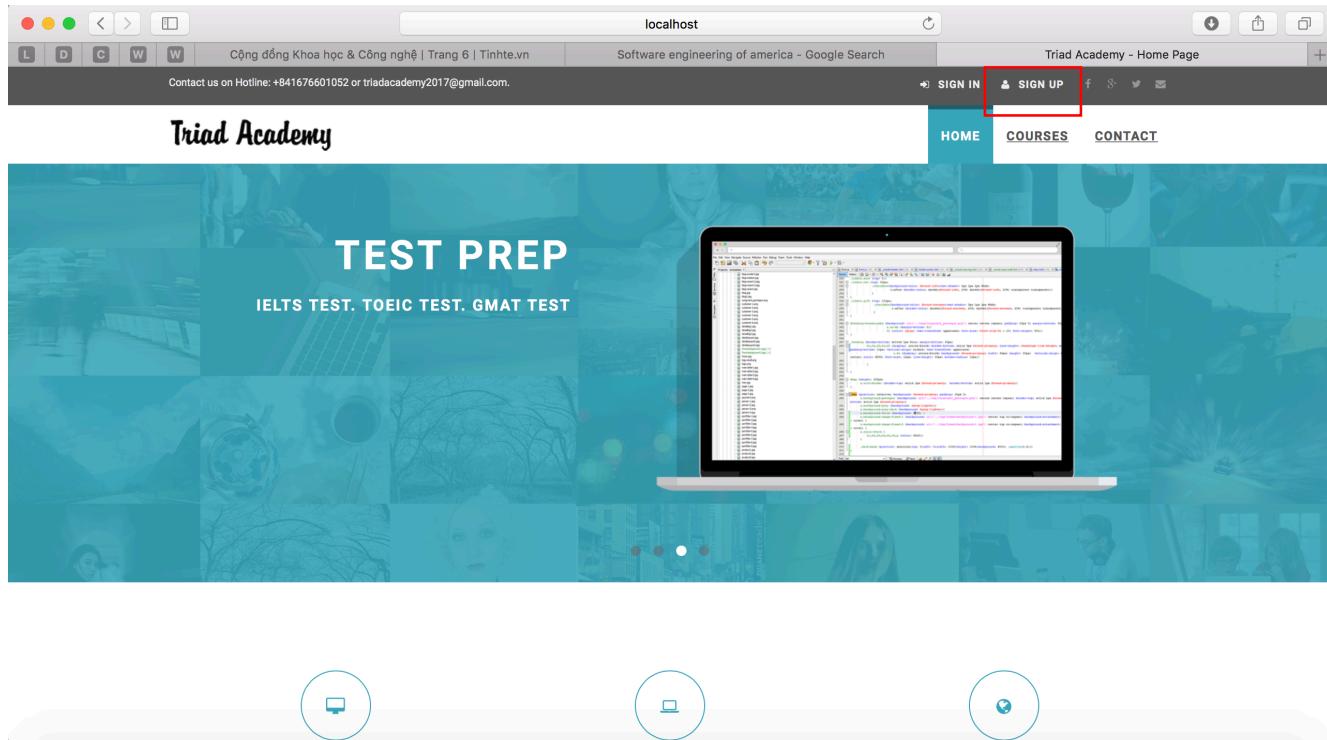
I. USER MANUAL

II. TEST CASE

I. USER MANUAL

1.1 Account Registration

Step 1: Guest can become a student of the any class by click on ‘Sign Up’ button at the top right corner of the web page. The Sign Up page will then appear.



Pic1.1: Homepage with Sign up button

NEW ACCOUNT

Not our registered customer yet?

Name

Email

Password

Confirm Password

LOGIN

Already our customer?

Email

Password

REGISTER

LOG IN

Pic1.2: Sign up page

Step 2: The Sign up page displays a form including text box of Name, Email, Password and Confirm Password,...

NEW ACCOUNT

Not our registered customer yet?

Name

Email

Password

Confirm Password

LOGIN

Already our customer?

Email

Password

REGISTER

LOG IN

Pic2.1: Text box for input information

Step 3: Guest fills in the following form with all the information checked by the system and press “Register”

localhost

Cộng đồng Khoa học & Công nghệ | Trang 6 | Tinhte.vn

Facebook

Register Account

HOME > NEW ACCOUNT / SIGN IN

NEW ACCOUNT

Not our registered customer yet?

Name
TestA

Email
testa@gmail.com

Password

Confirm Password

REGISTER

LOGIN

Already our customer?

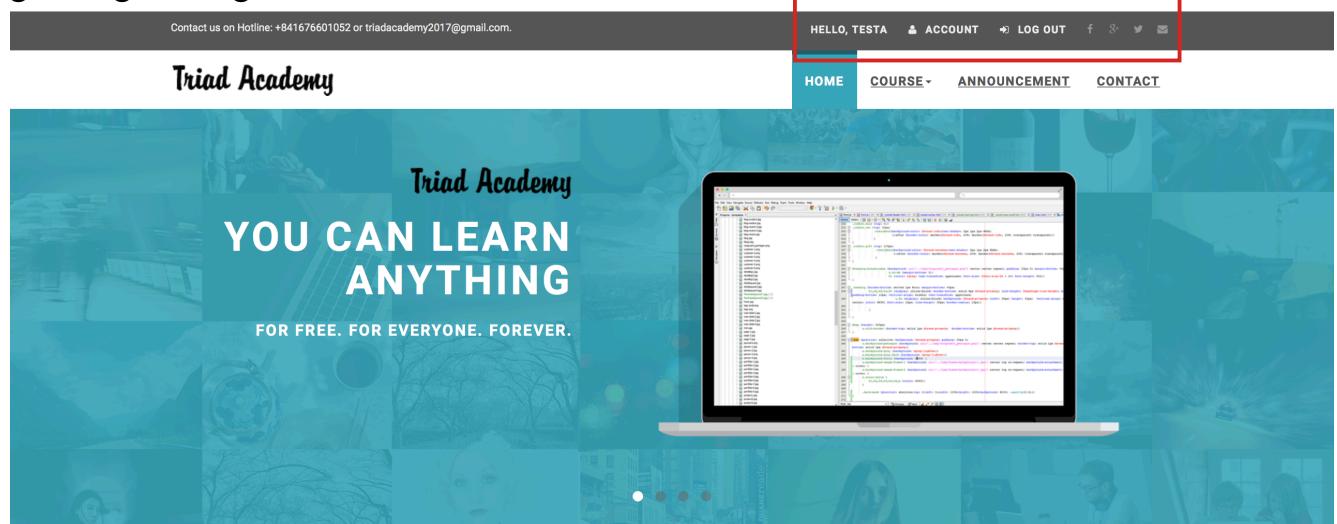
Email

Password

LOG IN

Pic3.1: Full fill all information

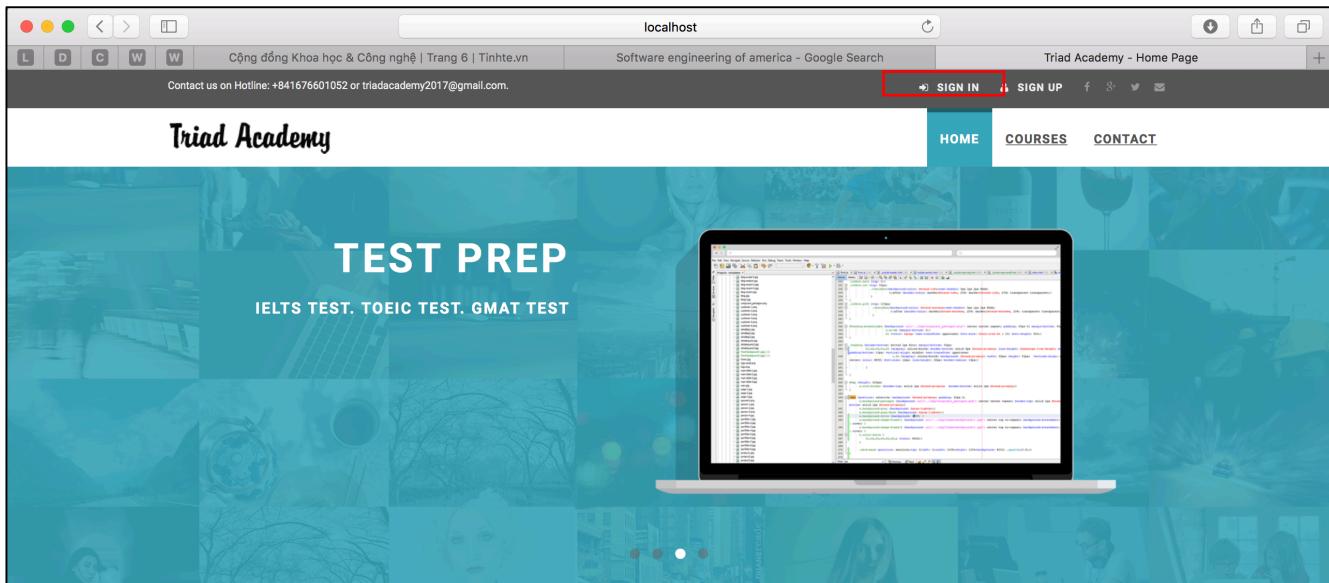
Step 4: Click on “Register” button to finish sign up process and become a member (student). The system automatically logged in the account and return Homepage with greeting message.



Pic4.1: Homepage with greeting message “Hello, TestA”

1.2 Login to the web page

Step 1: User can login to his/her account anywhere by clicking “Sign in” button at the top right of the website. The Login box will then appear.

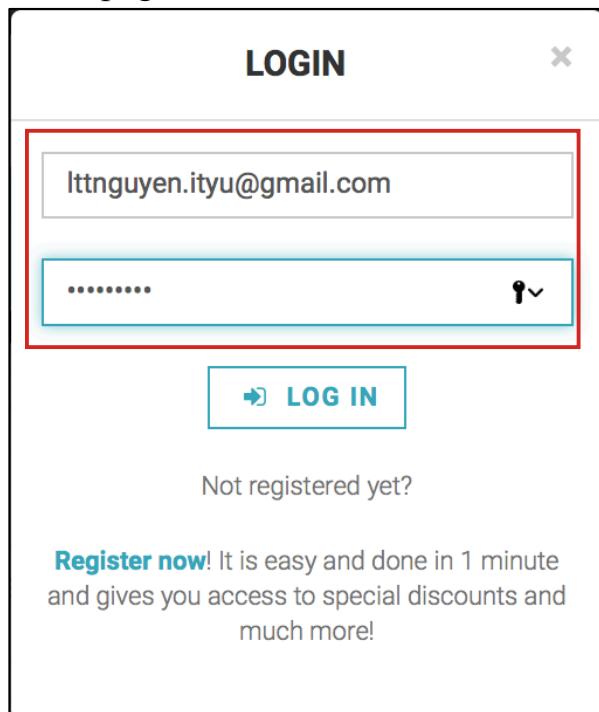


Pic1.1: Homepage with “Sign in” button

A screenshot of a 'LOGIN' form. The form is contained within a light gray box with a black border. At the top left, it says 'LOGIN' and has a close button ('X') at the top right. Below this are two input fields: one for 'email' and one for 'password', both with placeholder text. Below the password field is a blue rectangular button with a white arrow icon and the text 'LOG IN'. Underneath the button, the text 'Not registered yet?' is displayed. At the bottom left of the form, there is a promotional message: 'Register now! It is easy and done in 1 minute and gives you access to special discounts and much more!'.

Pic1.2: Login box for input account (email & password). In case that guest has not created any account, they can click “Register now” then the system re-direct to Sign up page.

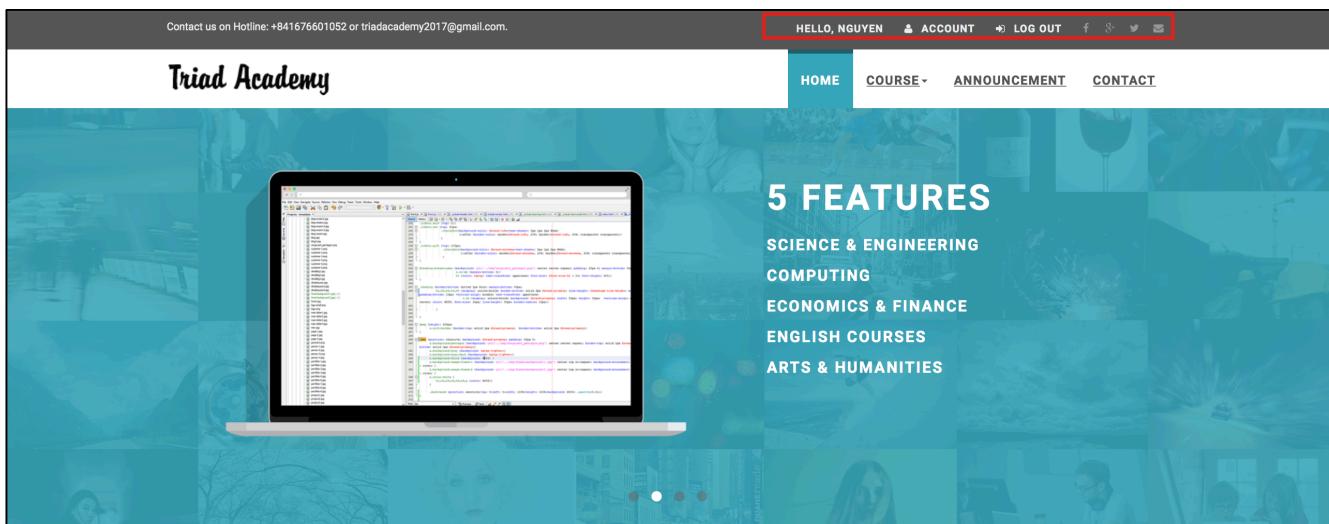
Step 2: The Login box displays two text boxes for user to fill in: the email and the password fields. After entering all of the information (which is required for both), click the ‘Login’ button at the end to submits the inputs. If the email and password submitted are correct, the user account will be logged in and user will be redirected to the Homepage.



The screenshot shows a 'LOGIN' form with two input fields. The top field, labeled 'Email', contains 'lttnguyen.ityu@gmail.com' and has a red border around it. The bottom field, labeled 'Password', contains '*****' and has a blue border around it. Below the fields is a 'LOG IN' button with a teal background and white text. At the bottom left, there's a link 'Not registered yet?' and a 'Register now!' button with teal text.

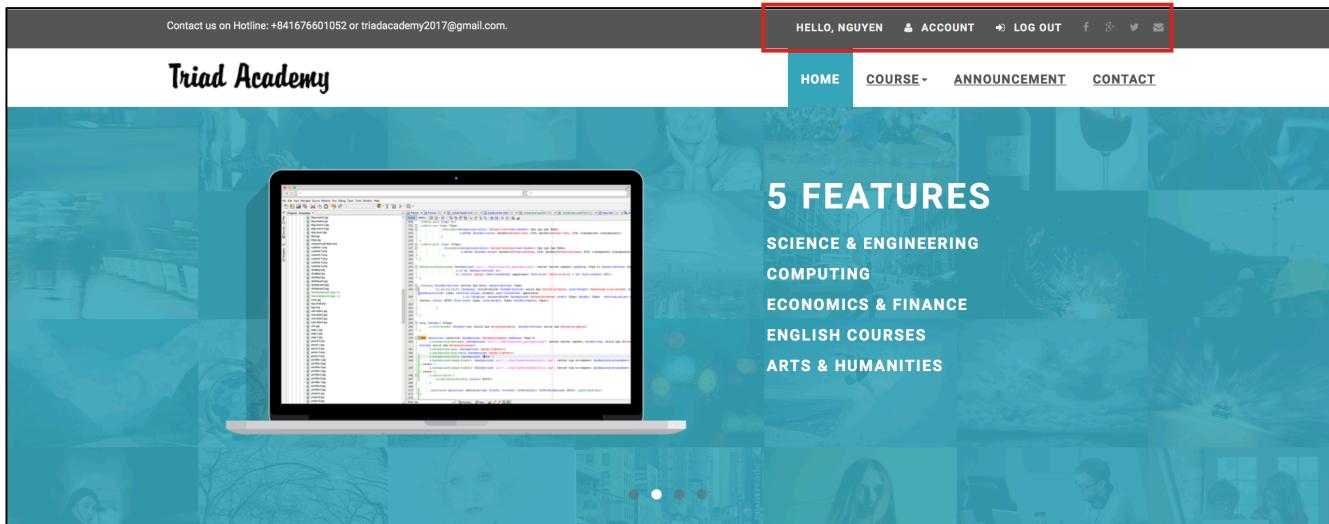
Pic2.1: Input email & password

Pic2.2: Successfully signed in



1.3 Logout of the web page

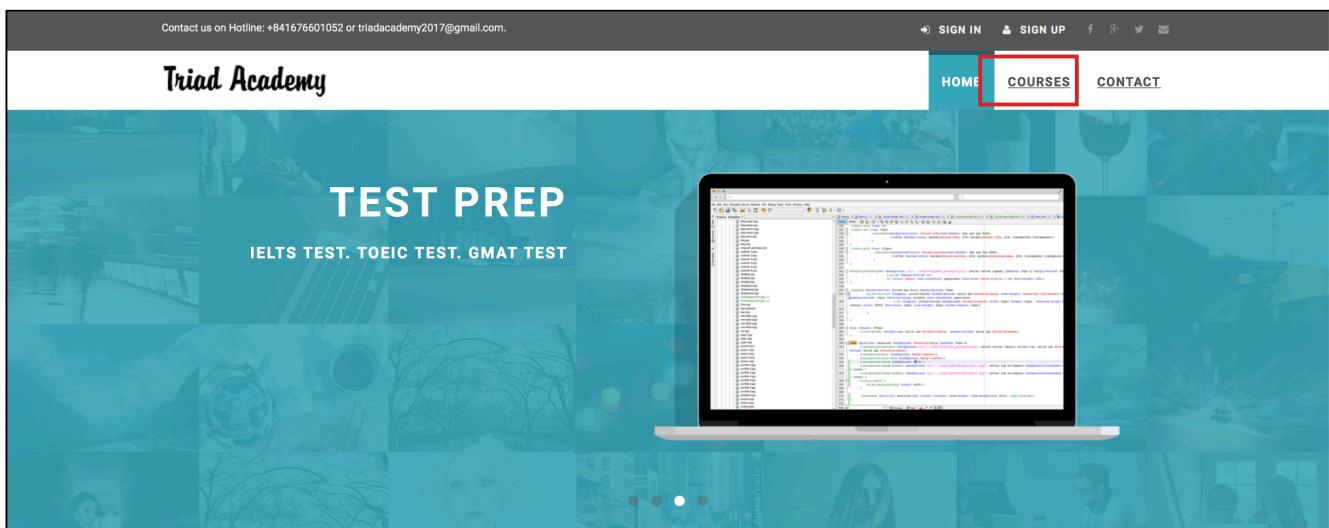
Step 1: User can attempt to logout of the website by clicking the “Log out” button at the top right of the website. All the unsaved activities of user will then be lost, and user will also be redirected back to the Homepage.



Pic1.1: Logout button

1.4 Search Course

Step 1: User (guest/student) can search for any courses they want to join by clicking “Course” button and then input keyword into Search box.



Pic1.1: Click on “Courses” to search a course

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SIGN IN | SIGN UP | f | g | t | e

Triad Academy

HOME COURSES CONTACT

LIST ALL AVAILABLE COURSES

2048 Android Game Project | Programming Assignment Help, Java Assignment Help

All available course.

IELTS	MATH	COURSE D
Slot: 2	Slot: 1	Slot: 1

SEARCH

RESPONSIVE BANNER IMAGE

Pic1.2: Input keyword to Search box

Step 2: After pressing “Enter” or click on Search symbol, all courses which include matched keyword are listed.

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SIGN IN | SIGN UP | f | g | t | e

Triad Academy

HOME COURSES CONTACT

AVAILABLE COURSE

Course found:

PHYSIC

Slot: 3

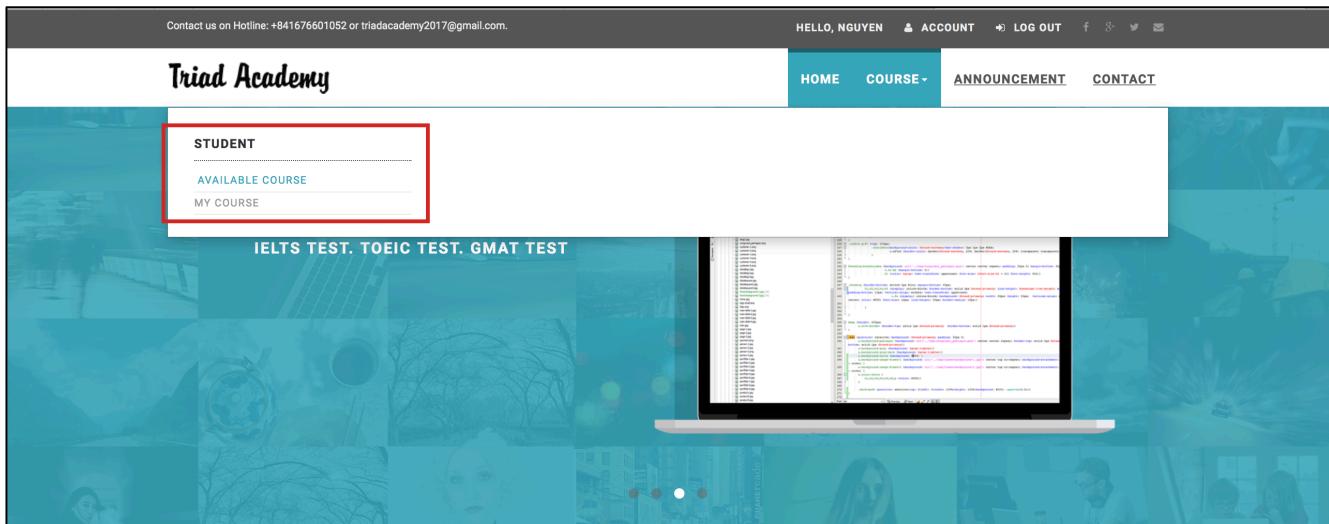
SEARCH

RESPONSIVE BANNER IMAGE

Pic2.1: Physic course are found when user searches for keyword “phy”

1.5 Register Course

Step 1: User must login by their authorized student account to register any course. Click to choose “Available Course” button to see all courses.



Pic1.1: Choose “Available course” button

A screenshot of the website showing a list of available courses. The header says 'LIST ALL AVAILABLE COURSES'. It displays several course categories with their respective logos and registration status. The categories include IELTS (with two variations), MATH, COURSE D, SEA (Software Engineering of America), and PHYSIC. Each category has a 'Slot' count (e.g., Slot: 2 or Slot: 1) and a 'REGISTERED' or 'REGISTER' button below it. A search bar is also visible at the top right.

Pic1.2: All available courses are listed

Step 2: Students register courses by clicking “Register” button below each subject. The registration is successful whenever “Registered” are displayed and blur and the slots is decreased.

Triad Academy

HOME COURSE ANNOUNCEMENT CONTACT

IELTS	MATH	COURSE D
Slot: 2 <input checked="" type="checkbox"/> REGISTERED	Slot: 1 <input checked="" type="checkbox"/> REGISTERED	Slot: 1 <input checked="" type="checkbox"/> REGISTER

SEA™
SOFTWARE ENGINEERING OF AMERICA

SOFTWARE	PHYSIC
Slot: 3 <input checked="" type="checkbox"/> REGISTER	Slot: 3 <input checked="" type="checkbox"/> REGISTER

Pic2.1: Click “Register” button below SEA course. Note that the slot now is 3

Triad Academy

HOME COURSE ANNOUNCEMENT CONTACT

IELTS	MATH	COURSE D
Slot: 2 <input checked="" type="checkbox"/> REGISTERED	Slot: 1 <input checked="" type="checkbox"/> REGISTERED	Slot: 1 <input checked="" type="checkbox"/> REGISTER

SEA™
SOFTWARE ENGINEERING OF AMERICA

SOFTWARE	PHYSIC
Slot: 2 <input checked="" type="checkbox"/> REGISTERED	Slot: 3 <input checked="" type="checkbox"/> REGISTER

Pic2.2: “Register” now changed to “Registered” and the slot now is 2

Step 3: After successful registration, the course will be in the list of all student's course. Choose “My Course” button to see all student's course.

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HELLO, NGUYEN ACCOUNT LOG OUT

Triad Academy

HOME COURSE- ANNOUNCEMENT CONTACT

STUDENT
AVAILABLE COURSE
MY COURSE

Your course:

IELTS

MATH

SOFTWARE

SEARCH

RESPONSIVE BANNER IMAGE

VIEW VIEW VIEW

Pic3.1: Choose “My Course” to see all registered course

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HELLO, NGUYEN ACCOUNT LOG OUT

Triad Academy

HOME COURSE- ANNOUNCEMENT CONTACT

MY COURSES

Your course:

IELTS

MATH

SOFTWARE

SEARCH

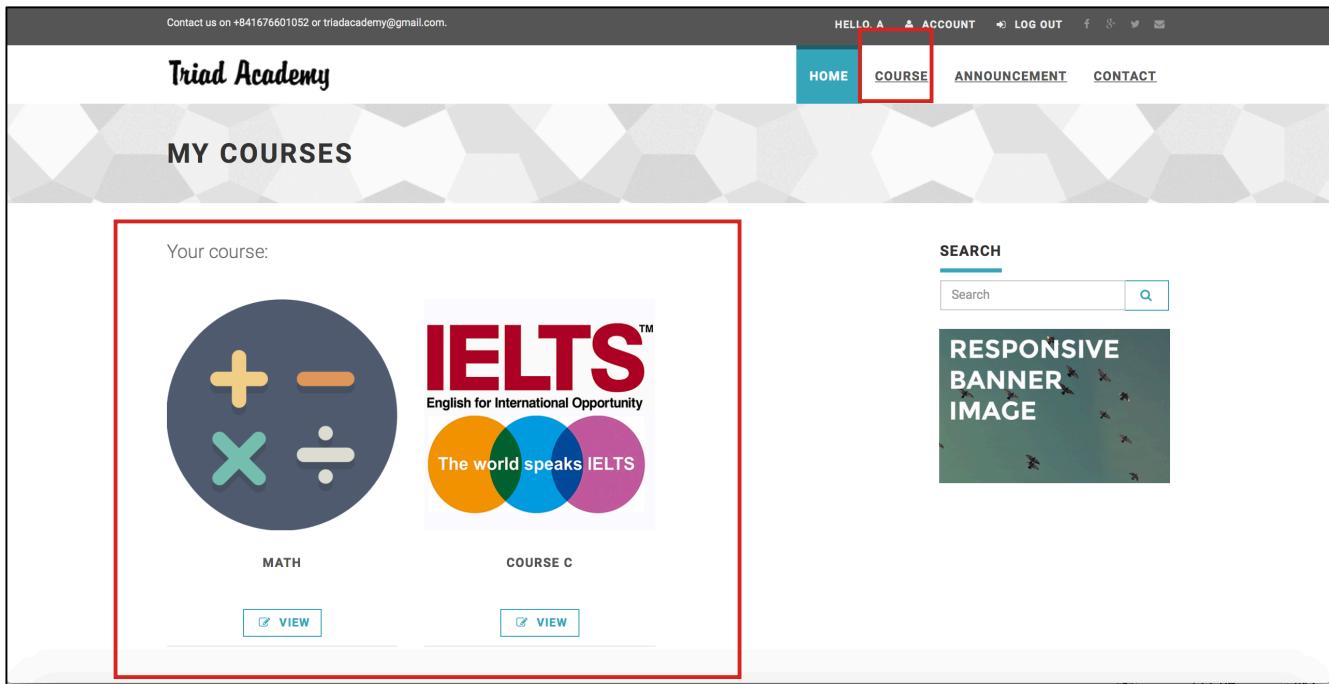
RESPONSIVE BANNER IMAGE

VIEW VIEW VIEW

Pic3.2: All courses are listed

1.6 Create Post (Thread)

Step 1: User must login by their authorized instructor account to create new discussion topic. Choose “Course” button to see all courses that instructor teaches.



The screenshot shows the 'Triad Academy' website interface. At the top, there is a navigation bar with links: HOME, COURSE (which is highlighted with a red box), ANNOUNCEMENT, and CONTACT. Below the navigation bar, the page title 'MY COURSES' is displayed. On the left, there is a card for 'Your course:' featuring a circular icon with mathematical symbols (+, -, ×, ÷) and the word 'MATH'. To the right of this is another card for 'COURSE C', which features the IELTS logo and the text 'The world speaks IELTS'. At the bottom of each course card is a blue 'VIEW' button. On the right side of the page, there is a search bar labeled 'SEARCH' and a banner image with the text 'RESPONSIVE BANNER IMAGE' and a small graphic of birds.

Pic1.1: All instructor's subjects are listed out

Step 2: Click “View” button to see all contents and discussion created before. Then click on “All Discussion” and choose “Create” to create a new thread.

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HELLO, A ACCOUNT LOG OUT f g t e

Triad Academy

HOME COURSE ANNOUNCEMENT CONTACT

MY COURSES

Your course:



MATH

[VIEW](#)



COURSE C

[VIEW](#)

SEARCH



RESPONSIVE BANNER IMAGE

Pic2.1: Click “View” to see Course information (discussion & contents)

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HELLO, A ACCOUNT LOG OUT f g t e

Triad Academy

HOME COURSE ANNOUNCEMENT CONTACT

MATH

All contents.

File ID	File Name	Action
course_2_1	course_1_3.docx	DOWNLOAD
course_2_2	14 process improvement.pdf	DOWNLOAD
course_2_3	davechild_regular-expressions.pdf	DOWNLOAD
		<input type="button" value="UPLOAD"/>

Pic2.2: All contents are displayed

MATH

All discussions.

COURSE SECTION

All contents

All discussions

Discussion ID	Name	Deadline	Action
5	abcabc	2017-12-25 20:11:52.0	VIEW
6	TestAAA	2017-12-26 00:29:51.0	VIEW
7	TopicA	2017-12-26 12:29:38.0	VIEW
1	qqqqqqqqqqqqqqqqqq	LOCKED	VIEW
2	Test a	LOCKED	VIEW
3	Test b	LOCKED	VIEW
4	TestSpecial	LOCKED	VIEW
CREATE			

Pic2.3: All Discussion board includes discussion topic

Create Discussion

Discussion name:

Name

Content:

Content

Deadline:

1 Week 2 Hours 3 Hours

CREATE

Pic2.4: After click “Create” button in Discussion board, Create Discussion box is appeared

Step 3: Full fill all text box in Create Discussion box and then click “Create”. The successful performance is when new discussion topic is created and display in discussion board.

Create Discussion

Discussion name:

TestTest

Content:

Test

Deadline:

1 Week 2 Hours 3 Hours

CREATE

Pic3.1: Fill in information (Discussion name, content and deadline)

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HELLO, A ACCOUNT LOG OUT f g+ t e

Triad Academy

[HOME](#) [COURSE](#) [ANNOUNCEMENT](#) [CONTACT](#)

MATH

All discussions.

Discussion ID	Name	Deadline	Action
5	abcbc	2017-12-25 20:11:52.0	VIEW
6	TestAAA	2017-12-26 00:29:51.0	VIEW
7	TopicA	2017-12-26 12:29:38.0	VIEW
8	TestTest	2017-12-26 12:32:39.0	VIEW
1	qqqqqqqqqqqqqqqqqq	LOCKED	VIEW
2	Test a	LOCKED	VIEW
3	Test b	LOCKED	VIEW
4	TestSpecial	LOCKED	VIEW
CREATE			

COURSE SECTION

- [All contents](#)
- [All discussions](#)

Pic3.2: New Thread is on board

Step 4: Click “View” to see discussion content.

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HELLO, A ACCOUNT LOG OUT f g+ t e

Triad Academy

[HOME](#) [COURSE](#) [ANNOUNCEMENT](#) [CONTACT](#)

DISCUSSION: TESTTEST

Ø DEADLINE 2017-12-26 12:32:39.0

COURSE

Math

Test

Pic4.1: Content is “Test”

1.7 Upload file

Step 1: User must login by their authorized instructor account to upload documents for particular subject. Choose “Course” button to see all courses that instructor teaches.

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HELLO, A ACCOUNT LOG OUT f g t e

Triad Academy

HOME COURSE ANNOUNCEMENT CONTACT

MY COURSES

Your course:

MATH

IELTS™ English for International Opportunity

The world speaks IELTS

COURSE C

VIEW

VIEW

SEARCH

Search

RESPONSIVE BANNER IMAGE

Pic1.1: All instructor's subjects are listed out

Step 2: Click “View” button to see all contents and discussion created before. Then click on “All Content” to see list of files.

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HELLO, A ACCOUNT LOG OUT f g t e

Triad Academy

HOME COURSE ANNOUNCEMENT CONTACT

MATH

All contents.

File ID	File Name	Action
course_2_1	course_1_3.docx	DOWNLOAD
course_2_2	14 process improvement.pdf	DOWNLOAD
course_2_3	davechild_regular-expressions.pdf	DOWNLOAD
Choose File no file selected		UPLOAD

COURSE SECTION

All contents

All discussions

Pic2.1: All files are displayed

Step 3: Click “Choose File” button to attach file. Then click on “Upload”.

The screenshot shows a course page titled "MATH". On the left, there's a sidebar with "All contents." On the right, under "COURSE SECTION", there are links for "All contents" (highlighted in red) and "All discussions". Below these are four files listed in a table:

File ID	File Name	Action
course_2_1	course_1_3.docx	DOWNLOAD
course_2_2	14 process improvement.pdf	DOWNLOAD
course_2_3	davechild_regular-expressions.pdf	DOWNLOAD
course_2_4	Report.pdf	DOWNLOAD

At the bottom, there's a red-bordered input field labeled "Choose File" with a file icon, and a blue "UPLOAD" button next to it.

Pic3.1: Click “Upload” to upload file

The screenshot shows a course page titled "Triad Academy" with a "MATH" section. The top navigation bar includes "HOME", "COURSE", "ANNOUNCEMENT", and "CONTACT". On the right, under "COURSE SECTION", there are links for "All contents" (highlighted in red) and "All discussions". Below these are four files listed in a table:

File ID	File Name	Action
course_2_1	course_1_3.docx	DOWNLOAD
course_2_2	14 process improvement.pdf	DOWNLOAD
course_2_3	davechild_regular-expressions.pdf	DOWNLOAD
course_2_4	Report.pdf	DOWNLOAD

The last row, which contains the file "Report.pdf", is highlighted with a red border. At the bottom, there's a red-bordered input field labeled "Choose File" with the message "no file selected" and a blue "UPLOAD" button next to it.

Pic3.2: File is already uploaded

1.8 Download file

***For instructor:** Repeat Step 1 & Step 2 in Upload File. After all files are listed out, click “Download” button in the right-hand side of any file to download file.

***For Student:**

Step 1: User must login by their authorized student account to see “My Course”. Click to choose “View” button below the courses to see all contents which includes all file.

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HELLO, A ACCOUNT LOG OUT f g t e

Triad Academy

HOME COURSE ANNOUNCEMENT CONTACT

MY COURSES

Your course:



MATH

[VIEW](#)



COURSE C

[VIEW](#)



RESPONSIVE BANNER IMAGE

SEARCH

Search

Pic1.1: Click “View” to see all contents (files)

Step 2: Click “Download” button in the right-hand side of any file to download file.

Triad Academy

HOME COURSE ANNOUNCEMENT CONTACT

MATH

All contents.

File ID	File Name	Action
course_2_1	course_1_3.docx	DOWNLOAD
course_2_2	14 process improvement.pdf	DOWNLOAD
course_2_3	davechild_regular-expressions.pdf	DOWNLOAD
course_2_4	Report.pdf	DOWNLOAD
<input type="button" value="Choose File"/> no file selected		UPLOAD

COURSE SECTION

- [All contents](#)
- [All discussions](#)

Pic2.1: Click “Download” button to download file

1.9 Post Comments

*For normal discussion topic: student need to comments to contribute to the discussion

Step 1: User must login with their authorized student account to see the course they joined by click on “My Course” then choose “View” button to see all content then choose “All Discussion” to see all Discussion topic.

Contact us on Hotline: +841676601052 or triadacademy2017@gmail.com. HELLO, HAN ACCOUNT LOG OUT f g+ t e

Triad Academy HOME COURSE ANNOUNCEMENT CONTACT

COURSE C

All discussions.

Discussion ID	Name	Deadline	Action
2	ieltsListening	2017-12-26 13:48:07.0	VIEW

COURSE SECTION

- All contents
- All discussions**

Pic1.1: Normal Discussion topic (The deadline should be the blue one)

Step 2a: By clicking on “View” button at the right-hand side. Discussion page will then appear with the Comments box for students to write the contents of comments.

Triad Academy HOME COURSE ANNOUNCEMENT CONTACT

DISCUSSION: IELTSLISTENING

Ø DEADLINE 2017-12-26 13:48:07.0 COURSE

Enviroment

0 COMMENTS

Course C

LEAVE COMMENT

Comment *

Hello |

[POST COMMENT](#)

Pic2.1: Write comment

DISCUSSION: IELTSLISTENING

DEADLINE 2017-12-26 13:48:07.0

COURSE
Course C

Enviroment

1 COMMENTS

HAN
2017-12-19 13:54:38.0
Hello
[Reply](#)

LEAVE COMMENT

Comment *

[POST COMMENT](#)

Pic2.2 After successfully posting, Comment is displayed in block

*For special discussion topic (Final examination): student need to submit their work by uploading exam paper.

Repeat Step 1 and choose Special Topic (Final Examination) whose deadline is highlighted with orange.

Triad Academy

HOME COURSE ANNOUNCEMENT CONTACT

COURSE C

All discussions.

Discussion ID	Name	Deadline	Action
2	ieltsListening	2017-12-26 13:48:07.0	VIEW
3	FinalExamination	2017-12-19 17:42:40.0	VIEW

COURSE SECTION

[All contents](#)

[All discussions](#)

[CREATE](#)

Pic1.1: Special topic is the orange one

Step 2b: By clicking on “View” button at the right-hand side. Discussion page will then appear with its contents and student can upload their paper exam by pressing “Choose file” and then “Upload” button.

The screenshot shows a web page for 'Triad Academy'. At the top, there is a navigation bar with links for 'HOME', 'COURSE', 'ANNOUNCEMENT', and 'CONTACT'. Below the navigation bar, the title 'DISCUSSION: FINALEXAMINATION' is displayed. A message indicates a deadline of 'Ø DEADLINE 2017-12-19 17:42:40.0'. The 'COURSE' section is active, showing 'Course C'. In the main content area, there is a section titled 'PAPER EXAM'. Within this section, there is a red-bordered box containing an 'UPLOAD PAPER EXAM' button. Below the button is a file input field labeled 'Choose File' with 'Report.pdf' selected, and a blue 'UPLOAD' button.

Pic2.1: Upload paper exam

The screenshot shows the same 'Triad Academy' discussion page as in Pic2.1. The 'PAPER EXAM' section now displays a previously uploaded file. It shows a thumbnail of a person icon, the name 'HAN', and the file name 'Report.pdf'. Below this, there is a blue 'DOWNLOAD' button. The 'UPLOAD PAPER EXAM' section remains below, showing the file input field 'Choose File' with 'no file selected' and the blue 'UPLOAD' button. The entire 'PAPER EXAM' section is highlighted with a red border.

Pic2.2: The file is uploaded. However, user can submit many time and the system will get the final version.

1.10 Set Announcements (Instructor) & Receive Announcements (Students)

*For Instructor:

Step1: Instructors can post an announcement by clicking on “Announcement” button in Homepage and then Announcement Page appear with text box and select box for instructor to input contents.

The screenshot shows the Triad Academy homepage with a navigation bar at the top. The 'HOME' button is teal, while 'COURSE', 'ANNOUNCEMENT', and 'CONTACT' are white. The 'ANNOUNCEMENT' button is highlighted with a red box. Below the navigation, a grey banner says 'POST ANNOUNCEMENT'. A large red box surrounds a form titled 'ENTER INFO ANNOUNCEMENT'. The form has three fields: 'Select course:' with a dropdown menu showing 'Math', 'Name *' with an input field, and 'Content *' with a larger input area. At the bottom right of the form is a blue button labeled 'CREATE CONTENT' with a small icon.

Pic1.1: Prompt for instructor to input content

Step 2: Instructor fills in the following form and click “Create Content” to post the announcements

Triad Academy

HOME **COURSE** **ANNOUNCEMENT** **CONTACT**

POST ANNOUNCEMENT

ENTER INFO ANNOUNCEMENT

Select course:

Course C

Name *

Canceled Class

Content *

Course C is canceled in the next week

CREATE CONTENT

Pic2.1: Click “Create Content” to post announcement

*For Student:

Step 1: Students can receive announcement from their instructor by click on “Announcement” button.

Triad Academy

HOME **COURSE** **ANNOUNCEMENT** **CONTACT**

COURSE C

CANCELEDCLASS
© 2017-12-19 14:45:40.0
Course C is canceled in the next week

Pic1.1: Announcement is displayed

1.11 Edit Profile

Step 1: Users must login by their authorized account then click “Account” button to perform edit profile (First name & Last Name).

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HELLO, HAN **ACCOUNT** LOG OUT

LOG OUT **HOME** **COURSE** **ANNOUNCEMENT** **CONTACT**

Pic1.1. Successfully logged in with authorized account

Step 2: Input contents to change profile (First Name & Last Name) and click “Save changes” to save changed information into database.

The screenshot shows the 'Triad Academy' website's 'MY ACCOUNT' section. At the top, there is a navigation bar with links for 'HOME', 'ACCOUNT' (which is currently selected), 'LOG OUT', and social media icons for Facebook, Google+, Twitter, and Email. Below the navigation is a header with the 'Triad Academy' logo. The main content area has a grey hexagonal background pattern. A horizontal line separates the header from the 'PERSONAL DETAILS' section. This section is highlighted with a red border and contains two input fields: 'Firstname' with the value 'Bi' and 'Lastname' with the value 'Beo'. Below these fields is a blue 'SAVE CHANGES' button with a small icon.

Pic2.1. New name will be saved into database

II. TEST CASE

2.1 Account Registration

2.1.1 Simple Test

Test case #: 01 System: Distance Learning Course Management Designed by: TRIAD TEAM Executed by: TRIAD TEAM Short Description:	Test case name: Account Registration Subsystem: Design Date: 17.12.2017 Execution Date: 18.12.2017
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Pre-conditions: The system displays the Register Account page

Step	Action	Expected System Response	Comment
1	Enter name ‘NgocHan’		
2	Enter Email ‘hlnngochan.ityu@gmail.com’		
3	Enter password ‘1234’		
4	Re-enter password ‘1234’		
5	Click “Register”	Return to Homepage with the account is automatically logged in.	
6	Check Post-conditions 1		
7	Check Post-conditions 2		

Post-conditions: 1. Automatically return to home page with account is already logged in. 2. Name: ‘Ngoc Han’ Email: ‘hlnngochan.ityu@gmail.com’ Password: ‘1234’ are saved in database.
--

2.1.2 Complex Test

Test case #: 01 System: Distance Learning Course Management Designed by: TRIAD TEAM Executed by: TRIAD TEAM Short Description:	Test case name: Account Registration Subsystem: Design Date: 17.12.2017 Execution Date: 18.12.2017
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Pre-conditions: The system displays the Register Account page

Step	Action	Expected System Response	Comment
1	Enter name ‘NgocHan’		
2	Enter Email ‘hlngochan.ityu@gmail.com’		
3	Enter password ‘1234’		
4	Re-enter password ‘1234’		
5	Click “Register”	Return to Homepage with the account is automatically logged in.	
6	Check Post-conditions 1,2		
7	Repeat step 1 with name ‘TrongNguyen\$’	The system displays the message warning that the name is not valid	
8	Repeat step 2 with email ‘lttnguyen.ityu@gmail.com’		
9	Repeat step 3		
10	Enter wrong confirmation ‘2345’	The system displays the message warning that the confirmation is wrong.	
11	Re-enter ‘1234’		
12	Click ‘Register’	Return to Home page with the account is automatically logged in.	
13	Check Post-conditions 1,3		

14	Enter name ‘ThuThao’		
15	Enter Email ‘hln gochan.ityu@gmail.com’		
16	Enter password ‘6789’		
17	Re-enter password ‘6789’		
18	Click “Register”	The system displays the message warning that the account is existed.	
19	Re-enter email ‘ltthao.ityu@gmail.com’		
20	Repeat step 17	Return to Home page with the account is automatically logged in.	
21	Check post-conditions 1,4		

Post-conditions:

1. Automatically return to home page with account is already logged in.
2. Name: ‘Ngoc Han’
Email: ‘hln gochan.ityu@gmail.com’
Password: ‘1234’ are saved in database.
3. Name: ‘TrongNguyen’
Email: ‘ltnguyen.ityu@gmail.com’
Password: ‘1234’ are saved in database.
4. Name: ‘ThuThao’
Email: ‘ltthao.ityu@gmail.com’
Password: ‘6789’ are saved in database.

2.2 Log in Account

*The **Logout function** is too simple, so my team decide to skip this function

2.2.1 Simple Test

Test case #: 02 System: Distance Learning Course Management Designed by: TRIAD TEAM Executed by: TRIAD TEAM Short Description:	Test case name: Log in Account Subsystem: Design Date: 17.12.2017 Execution Date: 18.12.2017
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Pre-conditions:

The user has not logged in before.

The user has an activate account: Email – ‘lttnguyen.ityu@gmail.com’,
Password – ‘Nguyen1234’.

The system displays the Login box.

Step	Action	Expected System Response	Comment
1	Enter email ‘lttnguyen.ityu@gmail.com’.		
2	Enter password ‘Nguyen1234’		
3	Click ‘Login’ button	Return to Home page with the account is logged in.	
4	Check Post-conditions 1		

Post-conditions:

1. User has successfully login.

2.2.2 Complex Test

Test case #: 02

System: Distance Learning Course Management

Designed by: TRIAD TEAM

Executed by: TRIAD TEAM

Short Description:

Test case name: Log in Account

Subsystem:

Design Date: 17.12.2017

Execution Date: 18.12.2017

Pre-conditions:

The user has not log in before.

The user has an active account: Email – lttnguyen.ityu@gmail.com
Password – Nguyen1234.

The system displays the Login box.

Step	Action	Expected System Response	Comment
1	Enter email 'lttnguyen.ityu@gmail.com'.		
2	Enter password 'Nguyen1234'		
3	Click 'Login' button	Return to Home page with the account is logged in.	
4	Check Post-conditions 1		
5	Repeat step 1,2,3 using wrong email 'nguyen.ityu@gmail.com'.	The system displays an alert about wrong email or password.	
6	Repeat step 1,2,3 using wrong password 'nguyen123'.	The system displays an alert about wrong email or password.	
7	Repeat step 1,2,3 without performing anything	The system displays an alert prompting input email/password.	
8	Repeat step 1,2,3	Return to Home page with the account is logged in.	
9	Check Post-conditions 1		

Post-conditions:

1. User has successfully login.

2.3 Search Course

2.3.1 Simple Test

Test case #: 03

System: Distance Learning Course Management

Designed by: TRIAD TEAM

Executed by: TRIAD TEAM

Short Description:

Test case name: Search Course

Subsystem:

Design Date: 16.12.2017

Execution Date: 18.12.2017

Pre-conditions: Courses must be available

The system displays Courses page

Step	Action	Expected System Response	Comment
1	Click the ‘Search’ box	The system allow user to enter the keyword they want to find into the box	
2	Enter ‘Math’		
3	Click the ‘Search’ button next to the box	The system displays the available courses matching with the keyword ‘Math’	
4	Check Post-conditions 1		

Post-conditions:

The available courses matching with keyword ‘Math’ are displayed in the Courses page.

2.3.2 Complex Test

Test case #: 03 System: Distance Learning Course Management Designed by: TRIAD TEAM Executed by: TRIAD TEAM Short Description:	Test case name: Search Course Subsystem: Design Date: 16.12.2017 Execution Date: 18.12.2017
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Pre-conditions:

Courses must be available
The system displays Courses page

Step	Action	Expected System Response	Comment
1	Click the ‘Search’ box	The system allow user to enter the keyword they want to find into the box	
2	Enter ‘Math’		
3	Click the ‘Search’ button next to the box	The system displays the available courses matching with the keyword ‘Math’	

4	Check Post-conditions 1		
5	Repeat step 1,2 with keyword ‘\$’	The system displays no course	
6	Re-enter with keyword ‘ielts’	The system displays the available courses matching with the keyword ‘ielts’	
7	Check post-condition 2		
8	Repeat step 1,2 with entering nothing into search box	The system displays all of course available	

Post-conditions:

- 1.The available courses matching with keyword ‘Math’ are displayed in the Courses page.
- 2.The available courses matching with keyword ‘ielts’ are displayed in the Courses page.

2.4 Register Course

2.4.1 Simple Test

Test case #: 04 System: Distance Learning Course Management Designed by: TRIAD TEAM Executed by: TRIAD TEAM Short Description:	Test case name: Register Course Subsystem: Design Date: 16.12.2017 Execution Date: 18.12.2017
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Pre-conditions:

1. User logged in with student account
2. The system displays the available course page (all available courses have which have slot > 0 and Register button)

Step	Action	Expected System Response	Comment
1	Click the ‘Register’ button	The status of ‘Register’ button is change from enable to disable (‘Registered’) and the number of slots is decrease by 1.	

2	Check Post-conditions 1,2		
3	Click “My course” to see all course	The course that has just been registered is in the list of student’s course.	
4	Check Post-conditions 3		

Post-conditions:

1. “Register” status is change to “Registered”
2. Number of slots is decreased by 1
3. The course is added in to list of student’s course

2.4.1 Complex Test

Test case #: 04 System: Distance Learning Course Management Designed by: TRIAD TEAM Executed by: TRIAD TEAM Short Description:	Test case name: Register Course Subsystem: Design Date: 16.12.2017 Execution Date: 18.12.2017
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Pre-conditions:

1. User logged in with student account
2. The system displays the available course page (all available courses have which have slot > 0 and Register button).

Step	Action	Expected System Response	Comment
1	Click the ‘Register’ button	The status of ‘Register’ button is change from enable to disable (‘Registered’) and the number of slots is decrease by 1.	
2	Check Post-conditions 1,2		
3	Click “My course” to see all course	The course that has just been registered is in the list of student’s course.	
4	Check Post-conditions 3		
5	Repeat step 1	User cannot click because this button of registered course in step 1 is disable	

6	Check Post-conditions 4		
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Post-conditions:

1. “Register” status is change to “Registered”
2. Number of slots is decreased by 1
3. The course is added in to list of student’s course
4. The new registration with studentID and courseID (that is registered) is create in database

2.5 Create Post (Discussion/Thread)

2.5.1 Simple Test

Test case #: 05 System: Distance Learning Course Management Designed by: TRIAD TEAM Executed by: TRIAD TEAM Short Description:	Test case name: Create Post Subsystem: Design Date: 16.12.2017 Execution Date: 18.12.2017
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Pre-conditions:

1. User logged in with Instructor account
2. The system displays the Course Discussion page (include all created discussion and “Create” button)

Step	Action	Expected System Response	Comment
1	Click the ‘Create’ button	The system displays “Create discussion” box with some required textboxes.	
2	Input all required information (subject, content, deadline)		
3	Click the ‘Create’ button	New Discussion is added into Discussion board.	
4	Check Post-conditions 1,2		

Post-conditions:

1. The new discussion is created in database.
2. The new post is displayed in Discussion board.

2.5.2 Complex Test

Test case #: 05**System:** Distance Learning Course Management**Designed by:** TRIAD TEAM**Executed by:** TRIAD TEAM**Short Description:****Test case name:** Create Post**Subsystem:****Design Date:** 16.12.2017**Execution Date:** 18.12.2017**Pre-conditions:**

1. User logged in with Instructor account
2. The system displays the Course Discussion page (include all created discussion and “Create” button)

Step	Action	Expected System Response	Comment
1	Click the ‘Create’ button	The system displays “Create discussion” box with some required textboxes.	
2	Enter subject “IeltsListening”		
3	Enter content “Section4”		
4	Choose deadline “1 week”		
5	Click the ‘Create’ button	New Discussion is added into Discussion board.	
6	Check Post-conditions 1,2		
7	Repeat Step1, 2 with subject “Ielts_Listening”	The system warn that subject cannot include character, blank space, ...	

8	Repeat Step 1,2,3 with content “Section\$”	The system warn that subject cannot include character, blank space, ...	
9	Repeat Step 1,2,3,4,5	New Discussion is added into Discussion board.	
	Check Post-conditions 1,2		

Post-conditions:

1. The new discussion is created in database.
2. The new post is displayed in Discussion board.

2.6 Upload(Download) File

*The **Download function** is too simple, so my team decide to skip this function

2.6.1 Simple Test

Test case #: 06 System: Distance Learning Course Management Designed by: TRIAD TEAM Executed by: TRIAD TEAM Short Description:	Test case name: Upload Subsystem: Design Date: 16.12.2017 Execution Date: 18.12.2017
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Pre-conditions:

1. User logged in with instructor account
2. The system display the All content page (include all uploaded file “Upload” button)

Step	Action	Expected System Response	Comment
1	Click the ‘Choose file’ button	The system displays a window to choose file form computer.	
2	Choose file and click “Open”	The system displays filename next to “Choose file” button	
3	Click the ‘Upload’ button	The file is successfully uploaded.	
4	Check Post-conditions 1,2,3		

Post-conditions:

1. The new content_File is created in store of system.
2. The information of new file is stored in database.
3. The page is displayed with new file.

2.6.1 Complex Test

Test case #: 06

System: Distance Learning Course Management

Designed by: TRIAD TEAM

Executed by: TRIAD TEAM

Short Description:

Test case name: Upload

Subsystem:

Design Date: 16.12.2017

Execution Date: 18.12.2017

Pre-conditions:

1. User logged in with instructor account
2. The system display the All content page (include all uploaded file “Upload” button)

Step	Action	Expected System Response	Comment
1	Click the ‘Choose file’ button	The system displays a window to choose file form computer.	
2	Choose file with pdf/docx format and click “Open”	The system displays filename next to “Choose file” button	
3	Click the ‘Upload’ button	The file is successfully uploaded.	
4	Check Post-conditions 1,2,3		
5	Repeat step 1,2,3 with file format is png, tiff	The system display message warn that only accept format pdf/docx	
6	Repeat step 1,2,3 with pdf file	The file is successfully uploaded.	
7	Check Post-condition 1,2,3		

Post-conditions:

1. The new content_File is created in store of system.
2. The information of new file is stored in database.
3. The page is displayed with new file.

2.7 Post Comment

*The Post comment function is simple, so my team decide to skip this function

2.8 Set Announcement

2.8.1 Simple Test

Test case #: 08 System: Distance Learning Course Management Designed by: TRIAD TEAM Executed by: TRIAD TEAM Short Description:	Test case name: Set Announcement Subsystem: Design Date: 16.12.2017 Execution Date: 18.12.2017
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Pre-conditions:

1. User logged in with instructor account
2. The system displays the announcement page.

Step	Action	Expected System Response	Comment
1	Chose Course		
2	Enter Name textbox with “CancelledClass”		
3	Enter content textbox with “Class has been cancelled”		
4	Click ‘Create content’ button	The announcement is displayed in page	
5	Check Post-condition 1		

Post-conditions:

1. The new announcement is created in database.

2.8.2 Complex Test

Test case #: 08 System: Distance Learning Course Management Designed by: TRIAD TEAM Executed by: TRIAD TEAM Short Description:	Test case name: Set Announcement Subsystem: Design Date: 16.12.2017 Execution Date: 18.12.2017
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Pre-conditions:

1. User logged in with instructor account
2. The system displays the announcement page.

Step	Action	Expected System Response	Comment
1	Chose Course		
2	Enter Name textbox with “CancelledClass”		
3	Enter content textbox with “Class has been cancelled”		
4	Click ‘Create content’ button	The announcement is displayed in page	
5	Check Post-condition 1		
6	Repeat Step 1,2 with name “Cancelled class”	The system warn that subject cannot include character, blank space, ...	
7	Repeat Step 1,2,3,4	The announcement is displayed in page	
8	Check Post-condition 1		

Post-conditions:

1. The new announcement is created in database.