



DROS

Web Application Development



UNIVERSITY
of
TECHNOLOGY,
MAURITIUS

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BSC (HONS) SOFTWARE ENGINEERING

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Introduction

Digital Repository Online System (DROS)

As we all know, without education, a human being is just a living corpse. Thus, during this Covid-19 pandemic students are not able to have an adequate educational life. That's why DROS has been created in order to help both teachers and students in their learning and teaching career. DROS is an online platform where everyone can get access but consists of only 3 key players, namely: students, teachers and admin.

Anyone can enter the website, courses on homepage also will be perceptible, they can also choose course by grade and search by name or starting character. If anyone subscribe for a course, he/she will be redirected to the student registration form page.

Students can post reviews and see others review also. On top of that detailed information about the course will be displayed and noticeable. For tutor, they should register in order to post their respective course, and they can see the reviews and list of students, update and delete the course they uploaded, upload material for his course and activate or deactivate subscription for his course. Furthermore, admin can view information of tutors and students for e.g. their phone number, email and name. The latter can also freeze and unfreeze tutor and students, add and update grade, see how many tutors and students registered and see how many courses have been posted.

Functionalities

F1. Tutor registers (tutorregister.aspx)

The screenshot shows a web browser window for 'DROS || Tutor Registration' at 'localhost:44313/tutorregister'. The page title is 'Hello User, Welcome!'. The header includes the EduHas logo, navigation links for HOME, COURSES, ABOUT, CONTACT, REGISTER, LOGIN, and a search icon. Below the header, a large banner displays 'TUTOR REGISTRATION FORM'. Underneath the banner, the breadcrumb navigation shows 'Home > Tutor Registration Form'. A central modal window titled 'Tutor Registration Form' contains a single input field labeled 'First Name*' with a blue border, indicating it is the current focus.

Figure 1 – URL tutorregister

Figure 1 shows a registration form for tutor where registration must first be done by the latter in order to get further access to the website.

+230 5926 4093 | eduhas@info.com

Hello User, Welcome!

EduHas

HOME COURSES ABOUT CONTACT REGISTER LOGIN

TUTOR REGISTRATION FORM

Home > Tutor Registration Form

Tutor Registration Form

First Name*

Male Female

Mobile Number*

Email Address*

Work Experience*

Image Profile* Choose File No file chosen

Username*

Password*

Confirm Password*

Remember me

REGISTER **Clear All**

EduHas

DROS is a platform whereby students' difficulties are being clarified and we make sure that e-learning reach its peak in terms of students satisfaction.

[TUTORS](#) [ABOUT US](#) [CONTACT US](#) [FAQ](#)

POPULAR COURSES

 **Learn ASP.NET MVC and Entity.**
Duration : 2 Yr

 **Editing Course Premiere.**
Duration : 2 Yr

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Figure 2 – Tutor Registration Form

Figure 2 shows a blank tutor registration form.

Tutor Registration Form

Errors in this form are listed below:

First Name is a mandatory field!

Last Name is a mandatory field!

Email Address is a mandatory field!

Username is a mandatory field!

Password is a mandatory field!

Confirm Password is a mandatory field!

First Name*

This is a required field!

Last Name*

This is a required field!

Title*

Male

Mobile Number*

Email Address*

This is a required field!

Work Experience*

Image Profile*

Choose File

No file chosen

Username*

This is a required field!

Password*

This is a required field!

Confirm Password*

This is a required field!

Remember me

REGISTER

Clear All

Figure 3 – Validation of tutor registration form

Figure 3 shows that it is mandatorily for tutor to fill up the form for registration.

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Hello User, Welcome!

EduHas

HOME COURSES ABOUT CONTACT REGISTER LOGIN

TUTOR REGISTRATION FORM

Home > Tutor Registration Form

Tutor Registration Form

First Name*
Kane

Male

Mobile Number*
59264093

Email Address*
beeharrytaaj@gmail.com

Work Experience*
2 years of experience in graphic designer

Image Profile*
 PitonDeLaPetiteNoire.jpeg

Username*
Kane

Password*

Confirm Password*

Remember me

REGISTER **Clear All**

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[TUTOR](#) [ABOUT US](#) [CONTACT US](#) [FAQ](#)

POPULAR COURSES

 Learn ASP.NET MVC and Entity.
Duration : 2 Yr

 Editing Course Premiere.
Duration : 2 Yr

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Figure 4 - Tutor Registration Form Filled

Figure 4 shows that the registration form has been filled.

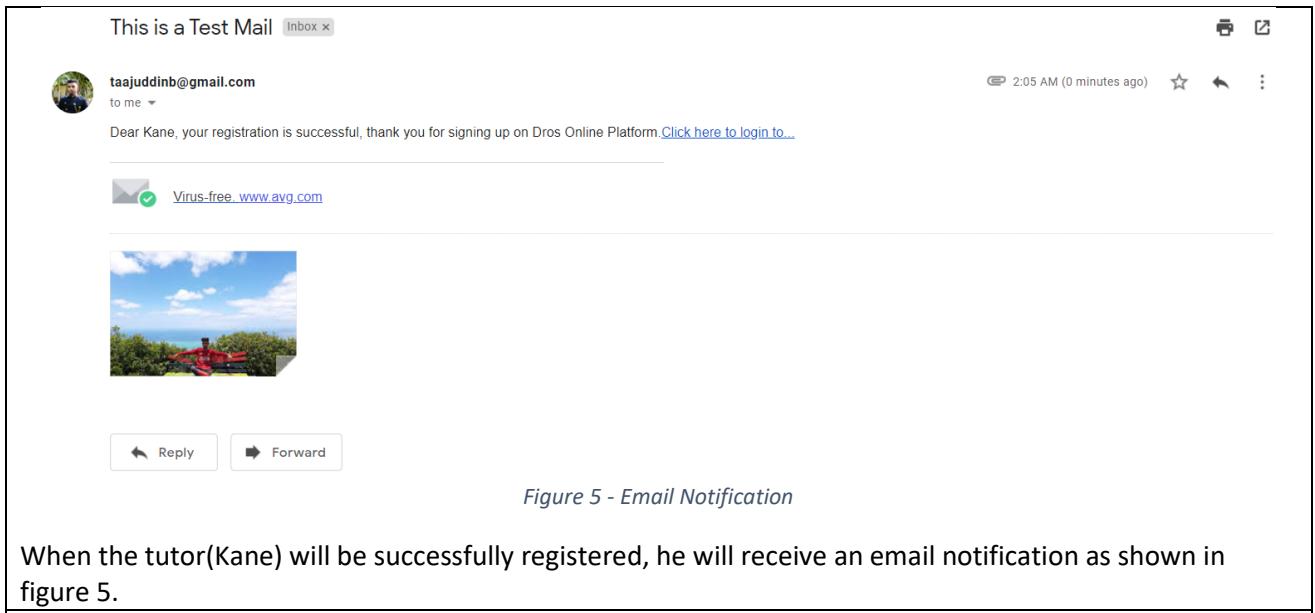


Figure 5 - Email Notification

When the tutor(Kane) will be successfully registered, he will receive an email notification as shown in figure 5.

	Tutor_Id	T_Gender	F_Name	L_Name	Email	Phone	W_Experience	Image	Username	Password	Status
▶	1	Male	Taajuddin	Beeharry	taajuddin@gm...	59264093	Degree in softw...	Wedding.jpeg	taajuddinb	njAhAfBQz+aq...	True
	2	Male	Jameel	Koodruth	jameel@gmail....	59264093	2years software...	DomainDeLaVil...	Jameel	+BbhLfVsGhnGf...	False
	3	Male	Hritik	Jugoo	Hritik@yahoo....	59264093	degree in comp...	lleAuxCerfs.jpg	Hritik	uI0xq0xxacmfye...	False
	4	Female	Katrina	Kaif	katrina@hotmail...	59264093		Katrina_Kaif.jpg	Katrina	r0Eg2vJPfk1psm...	True
	5	Male	John	Smith	taajb@yahoo.c...	59264093		home.jpeg	John	r0Eg2vJPfk1psm...	True
	6	Male	Wayne	Rooney	rooney@hotmail...	59264093	2 years of lectur...	Leon.jpeg	Wayne	r0Eg2vJPfk1psm...	True
	7	Male	Salman	Khan	salman@yahoo....	59264093	doctor in Apoll...	LeMorne.jpeg	Salman	r0Eg2vJPfk1psm...	False
	8	Male	Shah Rukh	Khan	Shahrukh@gma...	59264093	civil engineerin...	ShahRukh.jpg	ShahRukh	r0Eg2vJPfk1psm...	True
✎	11	Male	Kane	Harry	beeharrytaaj@g...	59264093	2 years of exper...	PitonDeLaPetite...	Kane	r0Eg2vJPfk1psm...	True
⌚	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Figure 6 - Database Record

Figure 6 show that the tutor's name has been successfully recorded and his ID is 11.

F2. Tutor adds course (tutorUploadcourse.aspx)

The screenshot shows a web browser window with the URL `localhost:44313/tutorUploadcourse`. The page title is "TUTOR || Upload Course". The header includes a profile picture for "Tutor Kane", a "PROFILE" button, and navigation links for "HOME", "UPLOAD COURSES", "VIEW COURSES", "SUBSCRIPTIONS", "STUDENT", and "LOG OUT". The main content area has a dark grey header with the text "UPLOAD COURSES". Below it, a breadcrumb navigation shows "Home > Upload Courses". The "Upload Course" form contains fields for "Select Grade" (dropdown), "Course Title" (text input), "Course Aim" (text input), "Course Description" (text input), and "Course Image" (file upload input). A progress bar at the bottom indicates file upload status.

Figure 7 – URL tutorUploadcourse

Figure 7 shows a form where tutor can upload courses.

The screenshot shows the same "TUTOR || Upload Course" page as Figure 7. The "Upload Course" form is displayed with all fields filled out. The "Course Image" field shows a file selection dialog with the message "Choose File No file chosen". Below the form are three red buttons: "Add Course", "Update Course", and "Cancel". The browser's address bar still shows the URL `localhost:44313/tutorUploadcourse`.

Figure 8 - Upload Course Form

Figure 8 shows where a tutor can select the course grade by the dropdown, enter the course title and input the required course information.

Select Grade: Grade One

Course Title: Graphic Design

Course Aim: The role is to illustrate and communicate messages with words, typography and image

Course Description: Graphic designers create visual communications to convey messages in an effective and aesthetically pleasing manner. This incorporates several tasks and responsibilities. Design web pages, brochures, logos, signs, books, magazine covers, annual reports, advertisements, and other communication materials.

Course Image: Choose File GraphicDesign.jpg

Add Course | Update Course | Cancel

Figure 9 - Upload Course (Form Filled)

Figure 9 refers to when the tutor has filled up the uploaded course form.

	Course_Id	Course_Title	Description	Grade_Id	Tutor_Id	Course_Aim	Image
▷	9	Database Design	hu	1	1	This course defi...	database_desig...
	14	Computer Scien...	Computer scien...	2	1	The aim is to pr...	Computer_Scie...
	15	Database Design	wqfevw	2	4	This course defi...	anime.jpg
	16	Computer Scien...	hawhrk56j	3	4	This course defi...	Computer_Scie...
	17	Python	ewrjdffhgaf	1	4	This course defi...	python.jpg
	18	Photoshop	erhgdfdsad	2	4	This course defi...	photohop.png
	19	Programming C...	A study of basic...	3	1	Perform proble...	programming.j...
	20	Graphic Design	Graphic design...	1	11	The role is to ill...	GraphicDesign.j...
∅	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Figure 10 - Database Record

Figure 10 shows a database record for courses and Course_Id 20(Graphic Design) is the course which uploaded by tutor Kane.

F3. Tutor posts materials (tutorMaterials.aspx)

The screenshot shows a web browser window with the URL `localhost:44313/tutorMaterials?id=20`. The page is titled "UPLOAD MATERIALS". At the top, there is a navigation bar with links for "HOME", "UPLOAD COURSES", "VIEW COURSES", "SUBSCRIPTIONS", "STUDENT", and "LOG OUT". A "Welcome Tutor Kane" message is displayed next to a profile icon. Below the navigation, the main content area has a heading "Upload Materials". It includes fields for "Select Material Type" (a dropdown menu), "Enter File Name" (an input field), and a "Choose File" button with the message "No file chosen". At the bottom is a red "UPLOAD" button.

Figure 11 - URL tutorMaterials

Figure 11 shows the URL along with the ID of the course where the tutor is going to upload the material.

Home > Upload Materials

UPLOAD MATERIALS

Upload Materials

Select Material Type
Select Material

Enter File Name

Choose File No file chosen

UPLOAD

UP

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[STUDENTS](#) [COURSES](#) [MATERIALS](#) [FAQ](#)

POPULAR COURSES

 Learn ASP.NET MVC and Entity.
Duration : 2 Yr

 Editing Course Premiere.
Duration : 2 Yr

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Figure 12 - Upload Material

When uploading a material, the tutor need to choose from the dropdown which material he's going to upload and type the name of the chosen file in the textbox.

Upload Materials

Select Material Type
Notes

Enter File Name
Notes 1

Choose File Listening skill.pptx

UPLOAD

Figure 13 - Form Filled

Upload Materials

Select Material Type
Notes

Enter File Name
Notes 1

Choose File No file chosen

UPLOAD

File has been successfully uploaded!

Figure 14 - Material Uploaded Successfully

Upload Materials

Select Material Type

Enter File Name

 04 hw jun2020.doc

Figure 15 - Upload Material Form Filled

Figure 13 and 15 show where the upload material form has been filled up.

Upload Materials

Select Material Type

Enter File Name

 No file chosen

File has been successfully uploaded!

Figure 16 - Material Uploaded Successfully

Figure 14 and 16 show where the material has been successfully uploaded.

dbo.tblMaterial [Data] X					
	Material_Id	Material	Type_Id	Course_Id	M_Name
3		~/files/taajuddinb/doc/practical 3a.pdf	1	14	Tutorial 2
4		~/files/taajuddinb/doc/DAD Session 1 - SQL_DDL.pdf	1	14	Tutorial 1
5		~/files/Katrina/doc/practical 3c.pdf	1	15	Tutorial 2
8		~/files/taajuddinb/doc/Chapter_1_V6.1.pdf	1	14	Chapter 1
9		~/files/taajuddinb/doc/Chapter_2_V6.3.pdf	1	14	Chapter 2
10		~/files/taajuddinb/doc/PRACTICE 1.pdf	2	9	Practice 1
11		~/files/taajuddinb/doc/New Spring Trader V2014v2.pdf	2	9	Tutorial Spring ...
12		~/files/taajuddinb/doc/Java For Dummies.pdf	1	19	Java Dummies
13		~/files/taajuddinb/doc/Prog_Concepts_Lab_1.pdf	2	19	Lab Task 1
14		~/files/taajuddinb/doc/Lesson1.pdf	1	19	Lesson 1
15		~/files//doc/Communication Plan.pdf	1	20	Tutorial 1
16		~/files/Kane/doc/Listening skill.pptx	1	20	Notes 1
17		~/files/Kane/doc/04 hw jun2020.doc	3	20	Assignment 1
	NULL	NULL	NULL	NULL	NULL

Figure 17 - Database Record

The uploaded materials are saved in the table material as shown in figure 17.

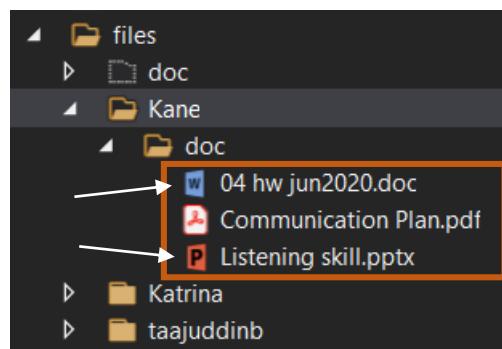


Figure 18 - Custom Folder

Every materials which are uploaded are saved by their specific tutor as shown in figure 18 and for that I used a folder bearing the session name of the tutor.

F4. Tutor views list of courses
(tutorVIEWcourse.aspx)

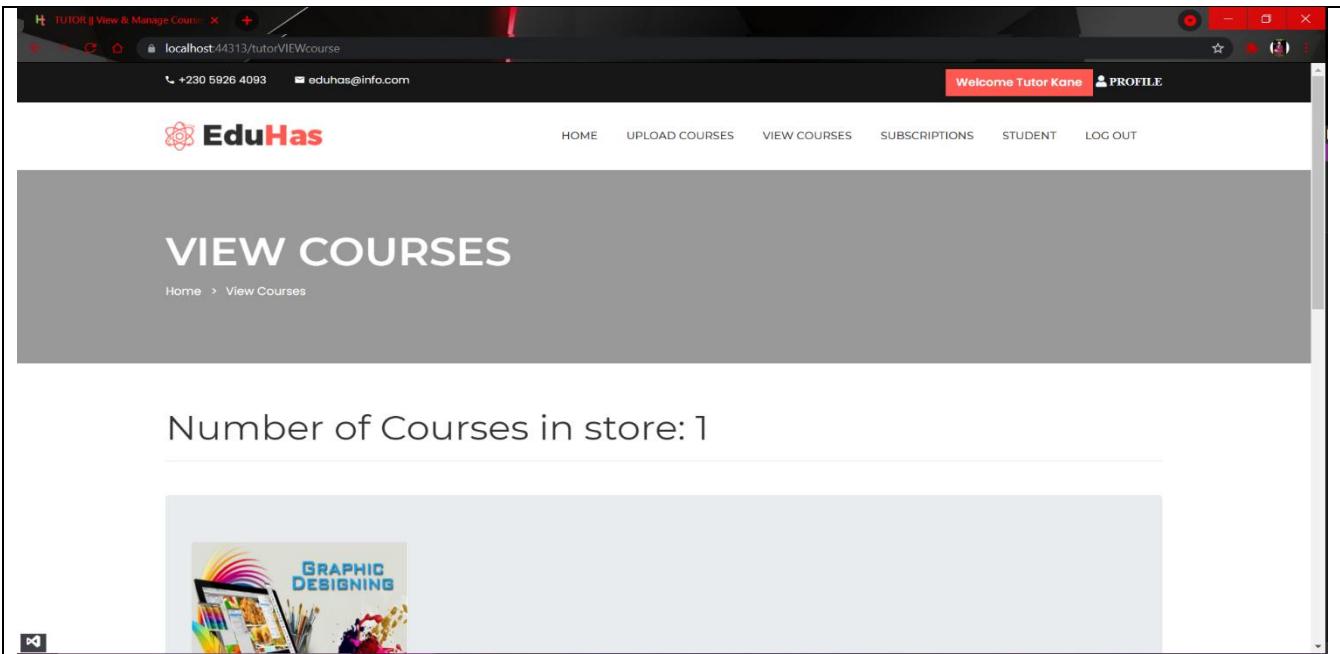


Figure 19 - URL tutorVIEWcourse

Figure 19 shows the localhost URL tutorVIEWcourse.

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Welcome Tutor Kane | PROFILE

EduHas

HOME UPLOAD COURSES VIEW COURSES SUBSCRIPTIONS STUDENT LOG OUT

VIEW COURSES

Home > View Courses

Number of Courses in store: 1



Graphic Design | Grade One

Aim: The role is to illustrate and communicate messages with words, typography and imagery to communicate meaning, hopefully uniquely.

Material | **Update**

Delete

EduHas

DROS is a platform whereby students' difficulties are being clarified and we make sure that e-learning reach its peak in terms of students satisfaction.

QUICK LINKS

STUDENTS
COURSES
MATERIALS
FAQ

POPULAR COURSES

 Learn ASP.NET MVC and Entity.
POPULAR COURSES

 Learn ASP.NET MVC and Entity.
Duration : 2 Yr

 Editing Course Premiere.
Duration : 2 Yr

Figure 20 - View Number of Courses

Figure 20 shows only the number of courses uploaded by tutor Kane.

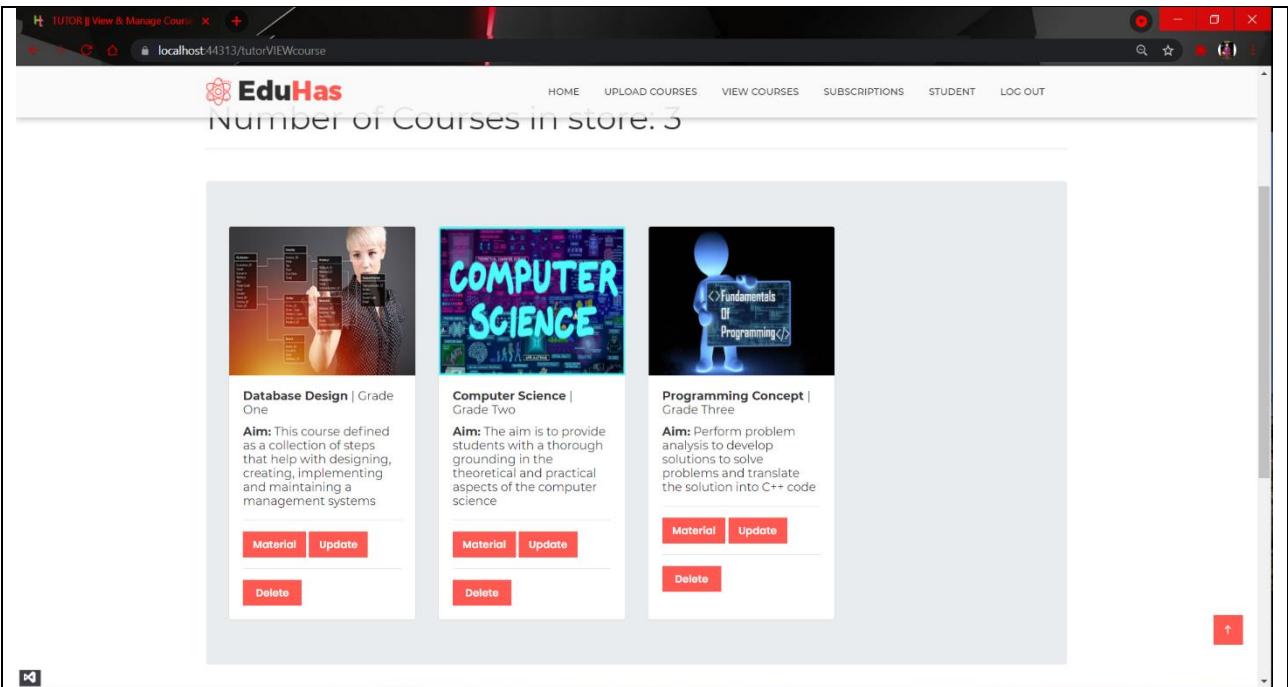


Figure 21 - View Number of Courses

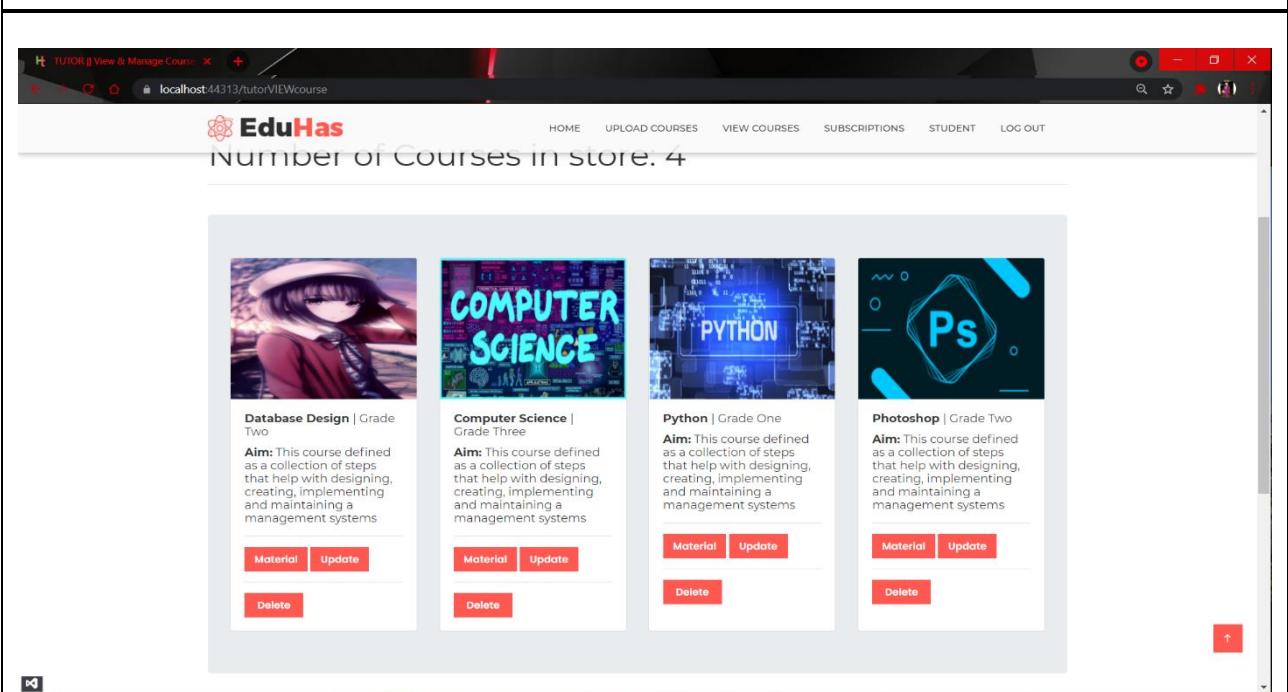


Figure 22 - View Number of Courses

Figure 21 and 22 show only the number of courses uploaded by their specific tutors.

F5. Tutor amends course details (tutorUploadcourse.aspx)

The screenshot shows a web browser window for the 'EduHas' platform. The title bar reads 'TUTOR | Upload Course'. The address bar shows the URL 'localhost:44313/tutorUploadcourse?id=20'. The top navigation bar includes links for 'HOME', 'UPLOAD COURSES', 'VIEW COURSES', 'SUBSCRIPTIONS', 'STUDENT', and 'LOG OUT'. A red banner at the top right says 'Welcome Tutor Kane'. The main content area has a dark grey header with the text 'UPLOAD COURSES'. Below it, a breadcrumb navigation shows 'Home > Upload Courses'. The form itself is titled 'Upload Course' and contains the following fields:

Field	Value
Select Grade	Grade One
Course Title	Graphic Design
Course Aim	The role is to illustrate and communicate messages with words, typography and image
Course Description	Graphic designers create visual communications to convey messages in an effective and aesthetically pleasing manner. This incorporates several tasks and
Course Image	[A small thumbnail image labeled 'Graphic Design' is shown]

Figure 23 - URL tutorUploadcourse?id=20

For updating a course, in page *tutorVIEWcourse.aspx*, a hyperlink was used to pass the course Id where the tutor will be redirected to *tutorUploadcourse.aspx* page using query-string. Query-string is used to display the information of the selected course in those textboxes.

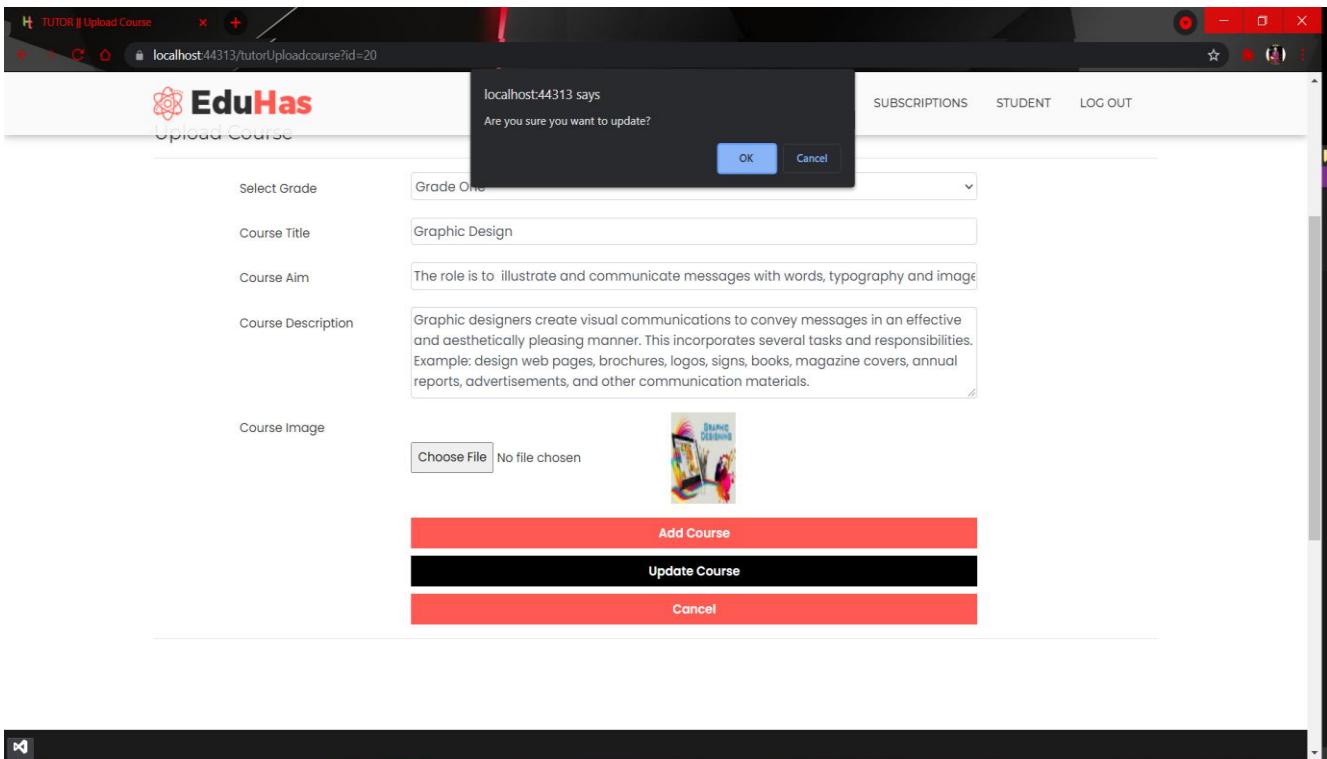


Figure 24 - Before Updating a course

I used an 'OnClientClick' event so that before updating, a pop up will appear as shown in figure 24 for tutor confirmation.

Upload Course

Select Grade	Grade One
Course Title	Graphic Design
Course Aim	The role is to illustrate and communicate messages with words, typography and image
Course Description	Graphic designers create visual communications to convey messages in an effective and aesthetically pleasing manner. This incorporates several tasks and
Course Image	<input type="button" value="Choose File"/> No file chosen 
<input type="button" value="Add Course"/> <input type="button" value="Update Course"/> <input type="button" value="Cancel"/>	

1 record updated.

Figure 25 - Update Course

A message will appear when the course is successfully updated as shown in figure 25.

Upload Course

Select Grade	Select Grade
Course Title	
Course Aim	
Course Description	
Course Image	<input type="button" value="Choose File"/> No file chosen 
<input type="button" value="Add Course"/>	

1 record updated.

Figure 26 - Cancel Button

Figure 26 shows after clicking on cancel button, all textboxes will clear and also that the update and cancel button will disappear since these button visible equal to false.

F6. Tutor removes a course (tutorVIEWcourse.aspx)

The screenshot shows the EduHas website interface. At the top, there is a navigation bar with links for HOME, UPLOAD COURSES, VIEW COURSES, SUBSCRIPTIONS, STUDENT, and LOG OUT. Below the navigation bar, a header displays "Number of Courses in store: 2". The main content area lists two courses: "Graphic Design | Grade One" and "Computer Science | Grade Two". Each course card includes a brief description, an "Aim" section, and three buttons: "Material", "Update", and "Delete". A vertical scroll bar is visible on the right side of the page.

Figure 27 - Before deleting a course

Figure 27 shows that there are two courses available for the tutor before deleting.

The screenshot shows the EduHas website interface with a confirmation dialog box overlaid. The dialog box contains the text "localhost:44313 says" and "Are you sure you want to delete?". It has two buttons: "OK" and "Cancel". The background shows the same two courses listed as in Figure 27. A vertical scroll bar is visible on the right side of the page.

Figure 28 - Delete process

Only the tutor who has uploaded the course can delete it. A pop up will appear for confirmation as shown in figure 28 when the tutor will click on the button delete.

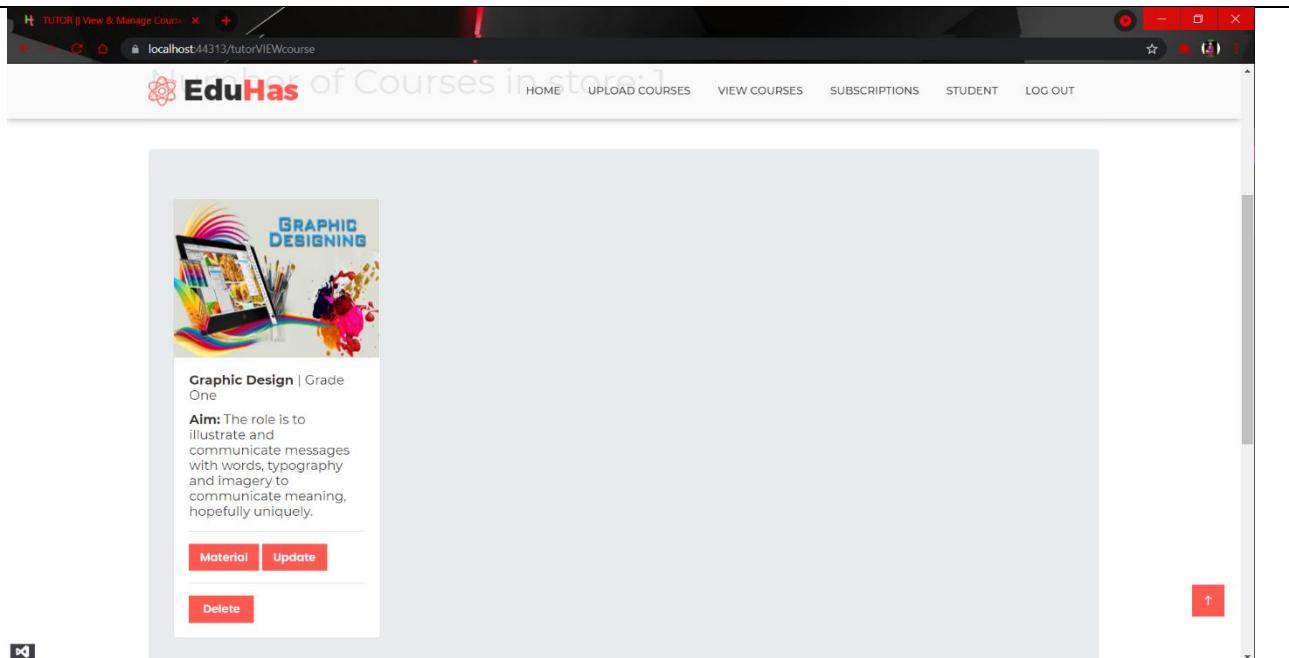


Figure 29 - After deleted a course

Figure 29 shows that only one course is available for the tutor.

F7. Tutor views list of students (tutorviewstudentLIST.aspx)

The screenshot shows a browser window with the URL `localhost:14313/tutorviewstudentLIST`. The page title is "Number Of Students". The main content area features a large heading "VIEW NUMBER OF STUDENTS" and a sub-heading "Home > View Number Of Students". Below this, the text "Number of Students in store: 8" is displayed. At the bottom of the page, there is a row of four small images: a waterfall, a man taking a selfie, a lightning bolt over water, and a woman smiling.

Figure 30 – tutorviewstudentLIST

Figure 30 shows the localhost URL where tutor can view both the list and the number of students.

+230 5926 4093 eduhas@info.com

Welcome Tutor Kane [PROFILE](#)

EduHas

HOME UPLOAD COURSES VIEW COURSES SUBSCRIPTIONS STUDENT LOG OUT

VIEW NUMBER OF STUDENTS

Home > View Number Of Students

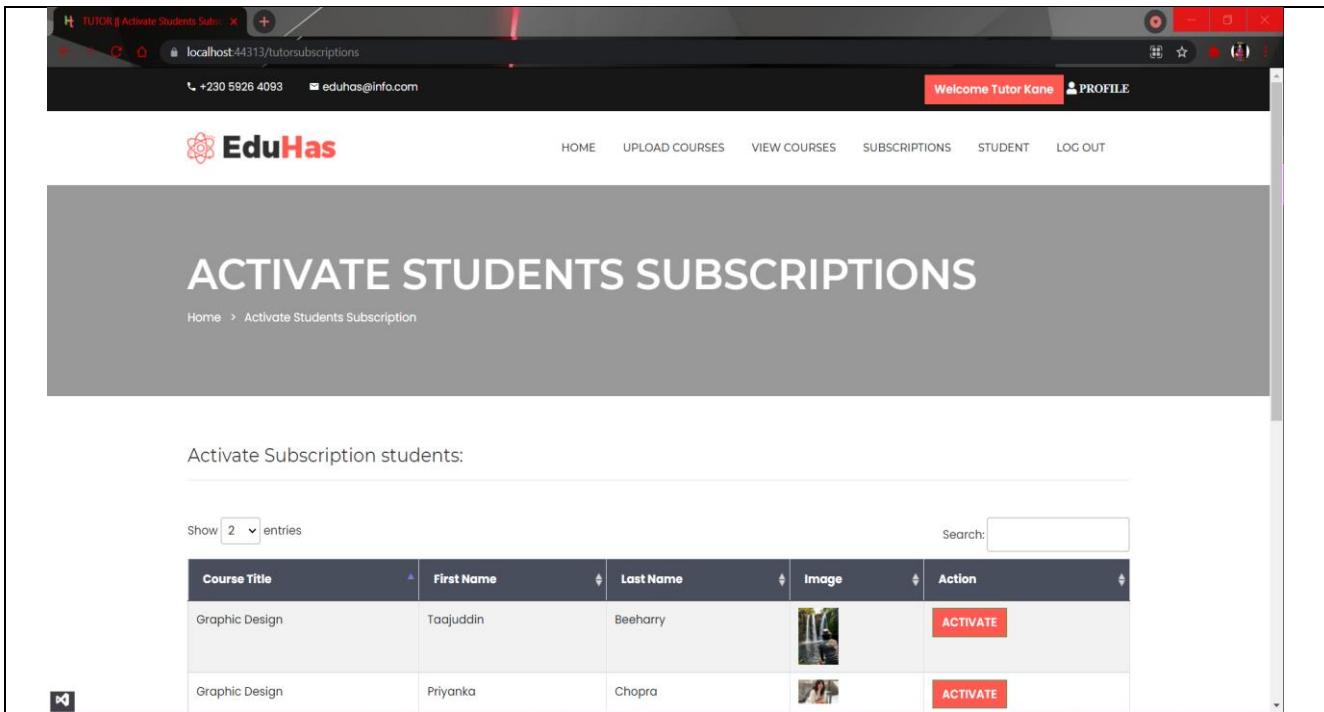
Number of Students in store: 8

 Taajuddin Beeharry Phone: 59264093	 Cristiano Ronaldo Phone: 59264093	 Lionel Messi Phone: 59264093	 Katrina Kaif Phone: 59264093
 Virgil Van Dijk Phone: 59264093	 Vedika Kumar Phone: 59264093	 Priyanka Chopra Phone: 59264093	 Raheem Sterling Phone: 59264093

Figure 31 - Tutor view Student list

Tutor can view the student's first name, last name and their phone number as shown in figure 31 and also that teacher can know the number of student who has registered.

F8. Tutor views/activates/deactivates subscription request (tutorsubscriptions.aspx)



The screenshot shows a web browser window for the 'EduHas' platform. The URL in the address bar is 'localhost:44313/tutorsubscriptions'. The page title is 'TUTOR || Activate Students Subscriptions'. The header includes a profile picture for 'Welcome Tutor Kane', a 'PROFILE' link, and navigation links for 'HOME', 'UPLOAD COURSES', 'VIEW COURSES', 'SUBSCRIPTIONS', 'STUDENT', and 'LOG OUT'. Below the header, the main content area has a dark grey background with the heading 'ACTIVATE STUDENTS SUBSCRIPTIONS'. A breadcrumb navigation shows 'Home > Activate Students Subscription'. The main content is titled 'Activate Subscription students:' followed by a table. The table has columns: 'Course Title', 'First Name', 'Last Name', 'Image', and 'Action'. It lists two entries: one for 'Graphic Design' with first name 'Taajuddin' and last name 'Beeharry', and another for 'Graphic Design' with first name 'Priyanka' and last name 'Chopra'. Each row has a red 'ACTIVATE' button in the 'Action' column.

Course Title	First Name	Last Name	Image	Action
Graphic Design	Taajuddin	Beeharry		ACTIVATE
Graphic Design	Priyanka	Chopra		ACTIVATE

Figure 32 - URL *tutorsubscriptions*

Figure 32 shows the localhost URL *tutorsubscriptions* where tutor can view students who has subscribe for his course. He can also search for student by their first name, last name and also by the course title.

(tutorsubscribedstudent.aspx)

The screenshot shows a web browser window with the URL `localhost:44313/tutorsubscribedstudent`. The page is titled "DEACTIVATE SUBSCRIPTIONS STUDENTS". At the top, there is a navigation bar with links for HOME, UPLOAD COURSES, VIEW COURSES, SUBSCRIPTIONS, STUDENT, and LOG OUT. A "Welcome Tutor Kane" message is displayed along with a profile icon. Below the title, a breadcrumb navigation shows "Home > Deactivate Subscription Students". The main content area contains a heading "Deactivate Subscription students:" followed by a table with two entries. The table columns are Course Title, First Name, Last Name, Image, and Action. The first entry is "Graphic Design" with "Vedika" and "Kumar" as the first and last names respectively, accompanied by a small profile picture of a woman. The "Action" column for this row contains a red button labeled "DEACTIVATE". The second entry is partially visible. At the bottom of the table, it says "Showing 1 to 1 of 1 entries". There are "Previous" and "Next" buttons at the bottom right.

Figure 33 – URL tutorsubscribedstudent

Students whose subscription are activated are shown in the URL `tutorsubscribedstudent` as shown in figure 33. Moreover, tutor can search for student just like in figure 32.

The screenshot shows a web browser window with the URL `localhost:44313/tutorsubscribedstudent`. The page is titled "ACTIVATE STUDENTS SUBSCRIPTIONS". At the top, there is a navigation bar with links for HOME, UPLOAD COURSES, VIEW COURSES, SUBSCRIPTIONS, STUDENT, and LOG OUT. A "Welcome Tutor Kane" message is displayed along with a profile icon. Below the title, a breadcrumb navigation shows "Home > Activate Students Subscription". The main content area contains a heading "Activate Subscription students:" followed by a table with three entries. The table columns are Course Title, First Name, Last Name, Image, and Action. The first entry is "Graphic Design" with "Taajuddin" and "Beeharry" as the first and last names respectively, accompanied by a small profile picture of a person. The "Action" column for this row contains a red button labeled "ACTIVATE". The second entry is "Graphic Design" with "Vedika" and "Kumar" as the first and last names respectively, accompanied by a small profile picture of a woman. The "Action" column for this row also contains a red button labeled "ACTIVATE". At the bottom of the table, it says "Showing 1 to 2 of 3 entries". There are "Previous" and "Next" buttons at the bottom right.

Figure 34 - List of student who subscribed

The tutor can view the students who have subscribed for his course and wants to activate student 'Vedika Kumar'.

DEACTIVATE SUBSCRIPTIONS STUDENTS

Home > Deactivate Subscription Students

Deactivate Subscription students:

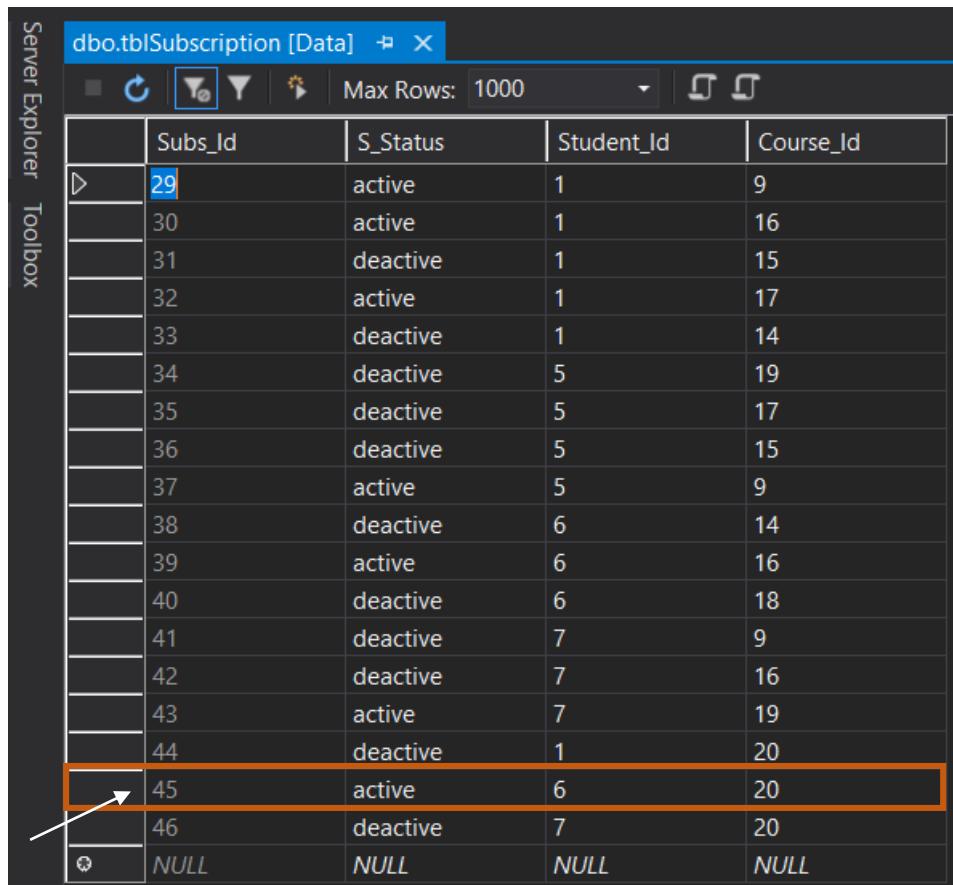
Course Title		First Name	Last Name	Image	Action
Graphic Design		Vedika	Kumar		DEACTIVATE

Showing 1 to 1 of 1 entries

Previous 1 Next

Figure 35 - Activate Subscribed student

Figure 35 shows the student who has been activated by the tutor and at any time the tutor can deactivate the student.



	Subs_Id	S_Status	Student_Id	Course_Id
▷	29	active	1	9
	30	active	1	16
	31	deactive	1	15
	32	active	1	17
	33	deactive	1	14
	34	deactive	5	19
	35	deactive	5	17
	36	deactive	5	15
	37	active	5	9
	38	deactive	6	14
	39	active	6	16
	40	deactive	6	18
	41	deactive	7	9
	42	deactive	7	16
	43	active	7	19
	44	deactive	1	20
	45	active	6	20
	46	deactive	7	20
✳	NULL	NULL	NULL	NULL

Figure 36 - Database Record

Figure 36 shows a subscription table where we can see that student Vedika Kumar whose Id is 6 is active in subscription status (S_Status).

F9. Tutor/Student views reviews (tutorViewReviews.aspx)

The screenshot shows a web browser window with the following details:

- Title Bar:** TUTOR || View Reviews
- Address Bar:** localhost:44313/tutorViewReviews
- User Information:** Welcome Tutor Kane, PROFILE, +230 5926 4093, eduhas@info.com
- Header:** EduHas logo, HOME, UPLOAD COURSES, VIEW COURSES, SUBSCRIPTIONS, STUDENT, LOG OUT
- Main Content:** A large gray box with the heading "VIEW REVIEWS". Below it is a breadcrumb navigation: Home > View Reviews.
- Section Title:** Students Overall Reviews
- Data Table:** A table showing student reviews. The columns are Comment, First Name, Last Name, and Image. One row is visible with the data:

Comment	First Name	Last Name	Image
Great	TaaJuddin	Beeharry	

Figure 37 - URL tutorViewReviews

Figure 37 shows the localhost URL *tutorViewReviews* where tutor can view student's reviews.

VIEW REVIEWS

Home > View Reviews

Students Overall Reviews

Comment	First Name	Last Name	Image
Great	Taaajuddin	Beeharry	
Good!	Taaajuddin	Beeharry	

1 2 3

Figure 38 - Tutor view Review1

VIEW REVIEWS

Home > View Reviews

Students Overall Reviews

Comment	First Name	Last Name	Image
Awesome!	Taaajuddin	Beeharry	
Great platform for learning.	Virgil	Van Dijk	

1 2 3

Figure 39 - Tutor view Review2

VIEW REVIEWS

Home > View Reviews

Students Overall Reviews

Comment	First Name	Last Name	Image
Fantastic platform. Easy to use and learn.	Priyanka	Chopra	
Great!	Priyanka	Chopra	
1 2 3			

Figure 40 - Tutor view Review3

Figure 38, 39 and 40 show the Comment(review) posted by every student with their respective names and profile picture.

(studreview.aspx)

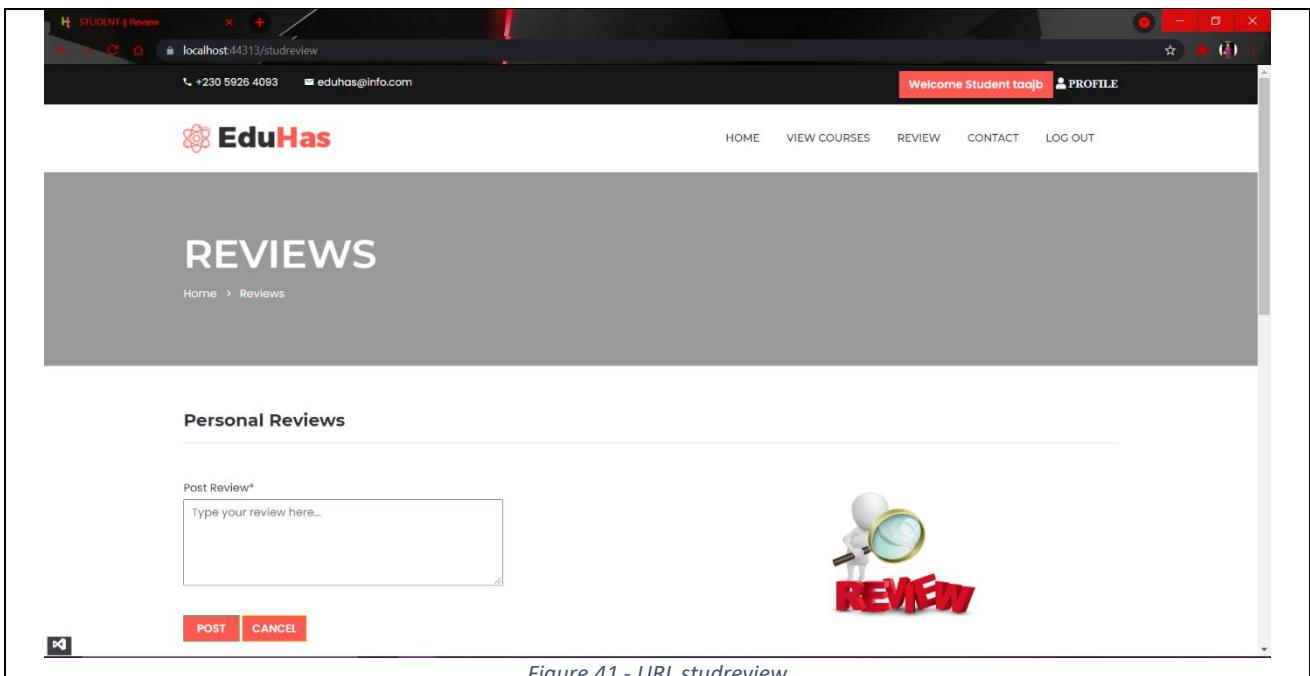


Figure 41 - URL studreview

Figure 41 shows the localhost URL *studreview* where students can post their reviews and can view his and others' students reviews.

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Welcome Student taajb | PROFILE

EduHas

HOME | VIEW COURSES | REVIEW | CONTACT | LOG OUT

REVIEWS

Home > Reviews

Personal Reviews

Post Review*

Type your review here...

POST | **CANCEL**

Great	TaaJuddin	Beeharry	
Good!	TaaJuddin	Beeharry	
123			

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Figure 42 - Student view Review1

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Welcome Student taajb [PROFILE](#)

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HOME VIEW COURSES REVIEW CONTACT LOG OUT

REVIEWS

Home > Reviews

Personal Reviews

Post Review*

Type your review here...

POST **CANCEL**

Awesome!	TaaJuddin	Beeharry	
Great platform for learning.	Virgil	Van Dijk	
123			

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Learn ASP.NET MVC and Entity.
Duration : 2 Yr

Editing Course Premiere.
Duration : 2 Yr

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Figure 43 - Student view Review2

Figure 44 - Student view Review3

Figure 42, 43 and 44 show the Comment(review) posted by students with their respective names and profile picture.

F10. Student searches for a course (display only basic details)
([home.aspx](#))

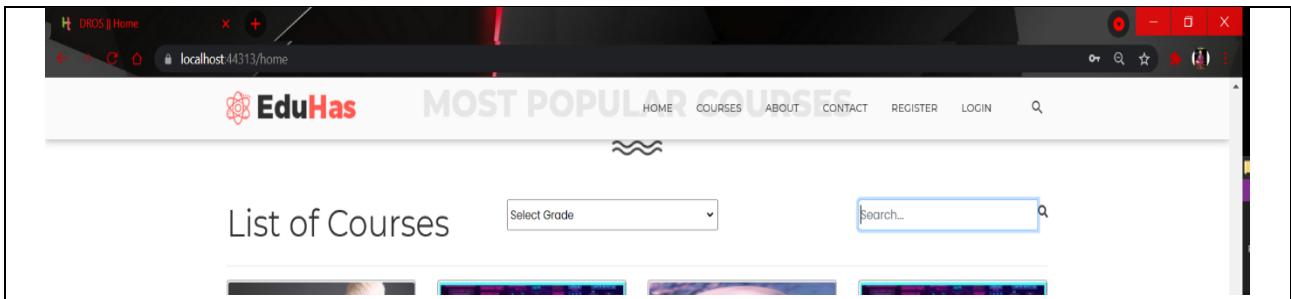


Figure 45 - URL *home.aspx*

Figure 45 shows the localhost URL *home.aspx* where everybody can search for courses by grade and name.

The screenshot shows a list of four courses posted by different tutors. Each course card includes the title, grade level, tutor's name, a brief aim statement, and a "Subscribe" button.

Course Title	Tutor	Grade	Aim	Action
Database Design Grade One	Taajuddin Beeharry	One	This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems	Subscribe
Computer Science Grade Two	Taajuddin Beeharry	Two	The aim is to provide students with a thorough grounding in the theoretical and practical aspects of the computer science	Subscribe
Database Design Grade Two	Katrina Kaif	Two	This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems	Subscribe
Computer Science Grade Three	Katrina Kaif	Three	This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems	Subscribe

Figure 46 - View Courses by users

All users can view all the courses posted by tutors as shown in figure 16 and only the basic details like course title and aim of the course are displayed.

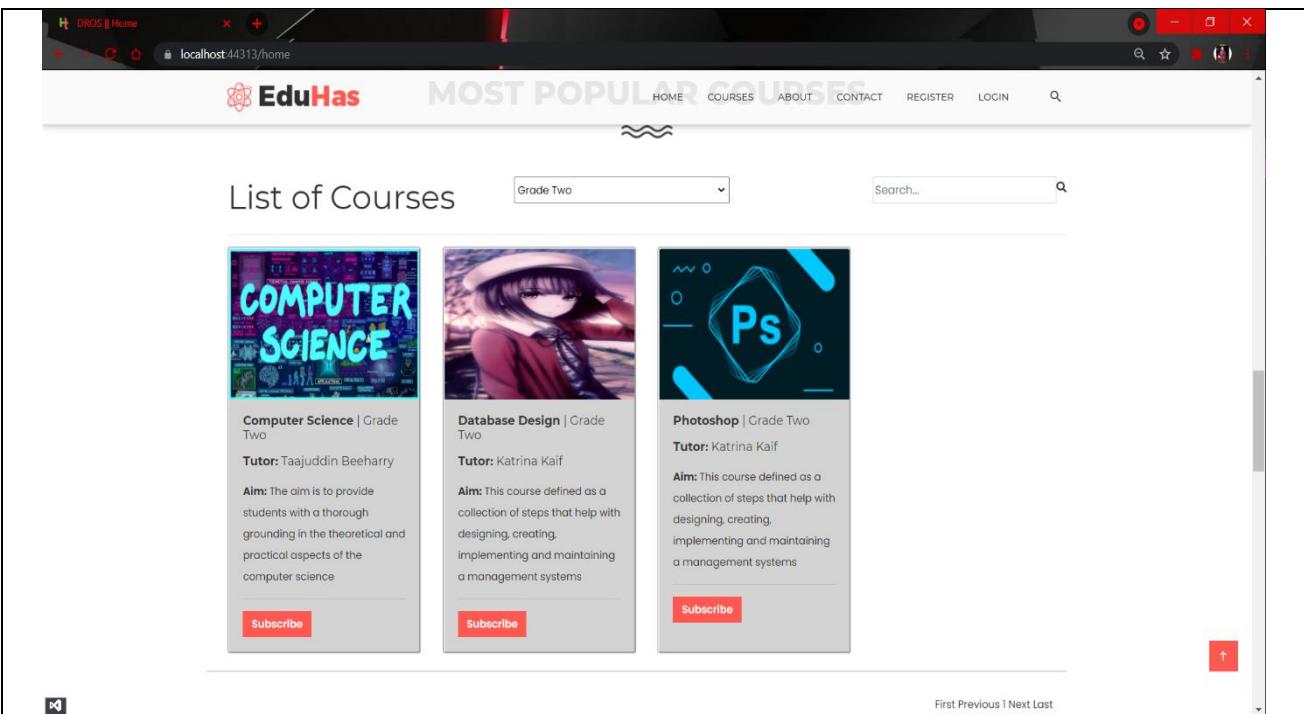


Figure 47 - Users search course by grade

Figure 47 shows that users can search courses by grade.

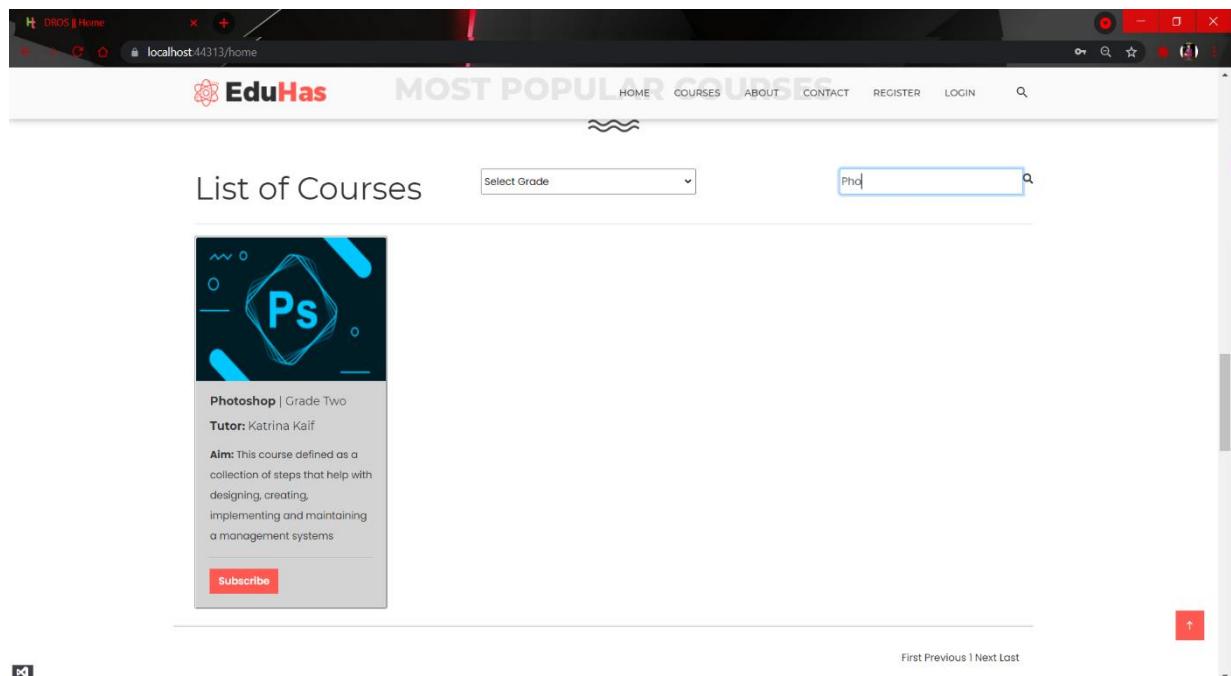


Figure 48 - Users search course by name

Figure 48 represents the courses that users can search by its respective names.

(studenthome.aspx)

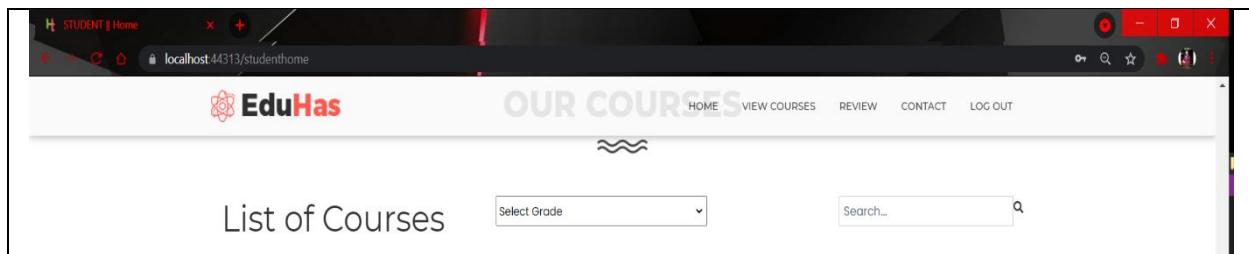


Figure 49 - URL studenthome

Figure 49 shows the localhost URL `studenthome.aspx` where registered student can search for courses by grade and name.

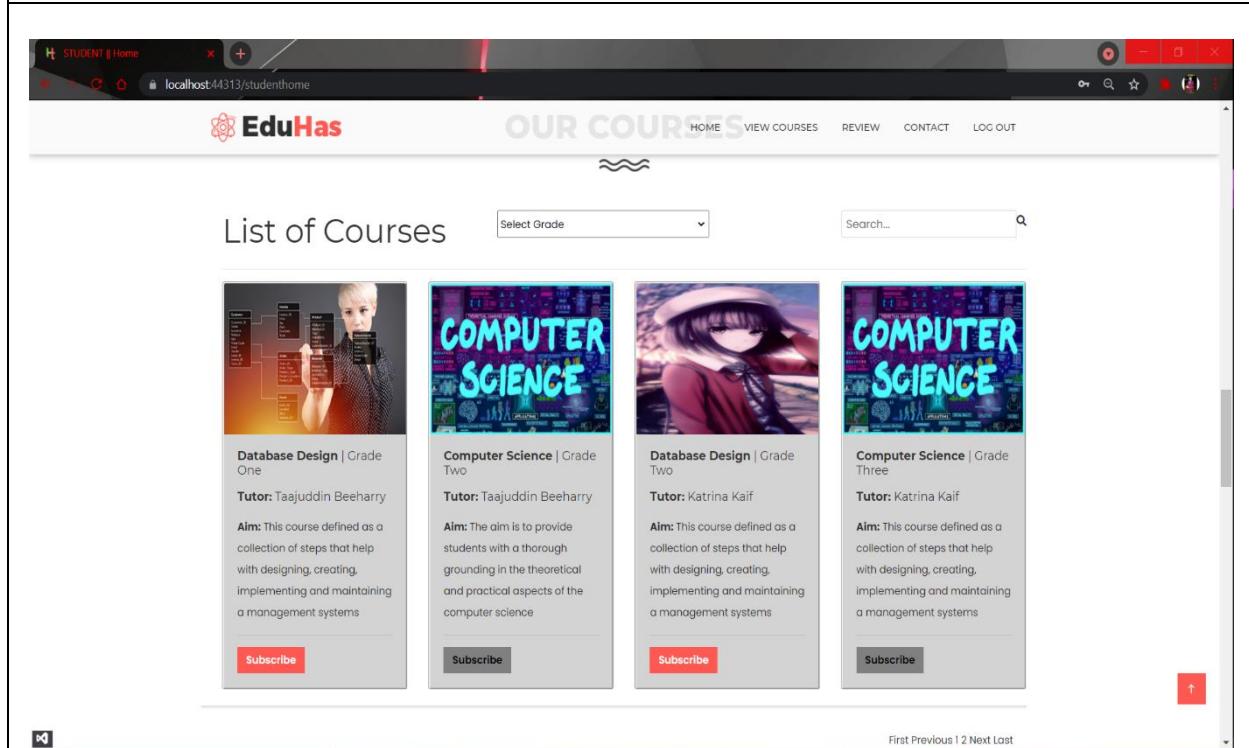


Figure 50 - View course by registered student

Figure 50 shows that student can view all courses by clicking on the next and only the basic details like course title and aim of the course will be display.

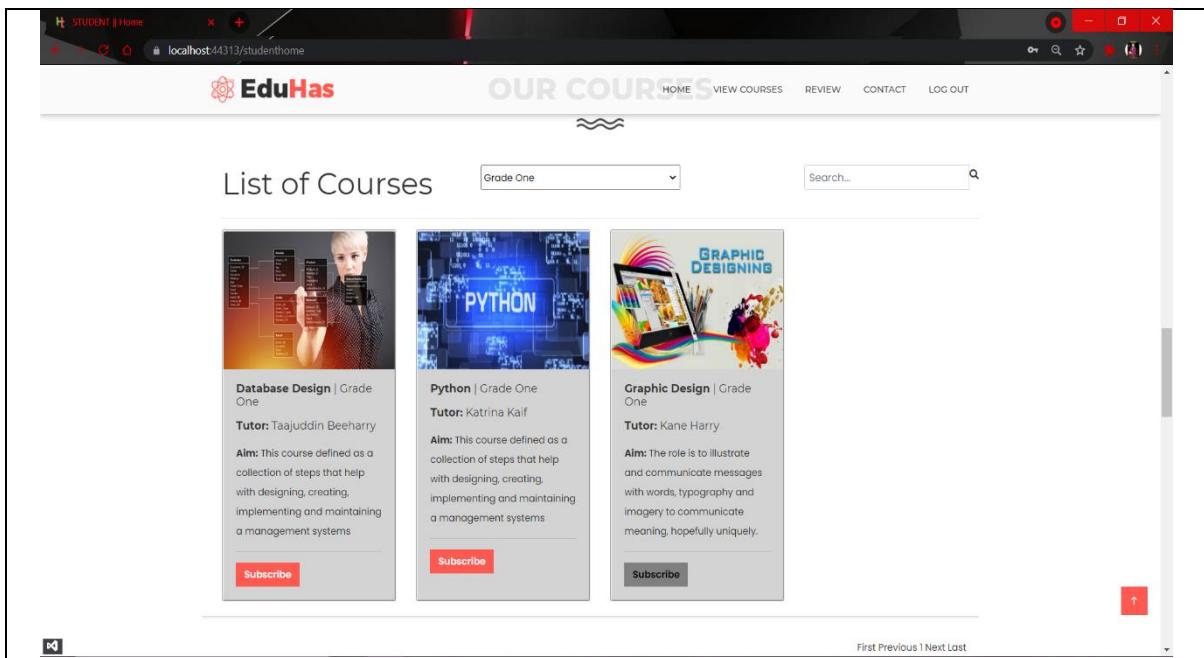


Figure 51 - Student search course by grade

Student can search courses by grade as shown in figure 51.

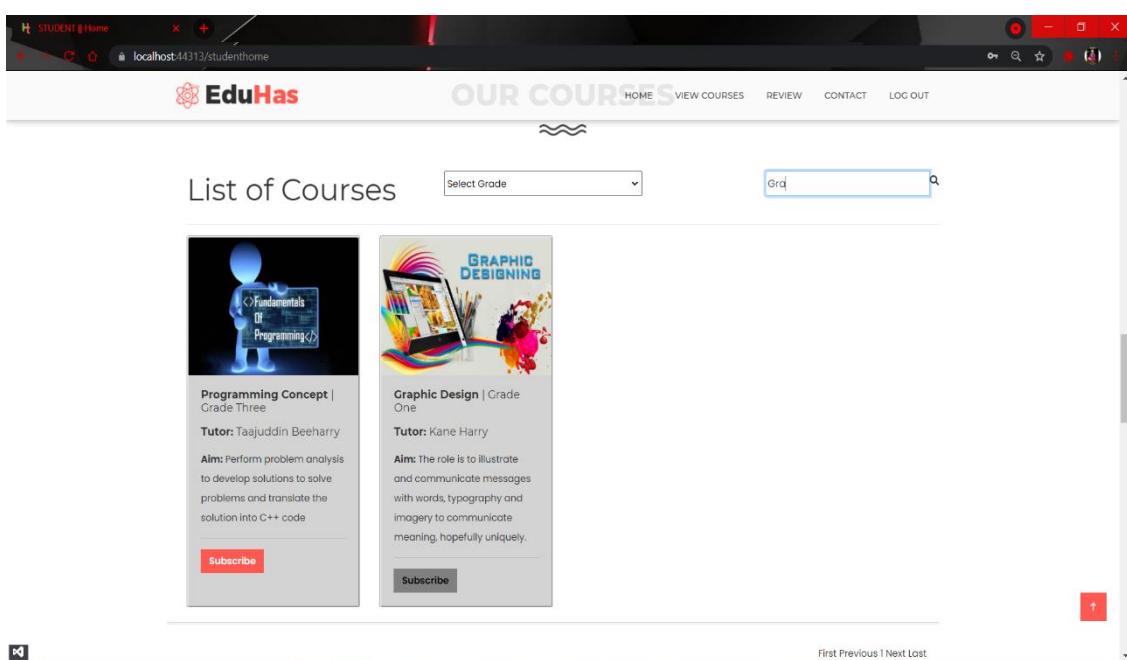


Figure 52 - Student search course by name

Figure 52 shows that student can search course by name.

F11. Student registers (studregister.aspx)

The screenshot shows a web browser window for 'DROS || Student Registration' at 'localhost:44313/studregister'. The page title is 'Hello User, Welcome!'. The header includes the EduHas logo, navigation links for HOME, COURSES, ABOUT, CONTACT, REGISTER, and LOGIN, and a search icon. Below the header is a large dark grey banner with the text 'STUDENT REGISTRATION FORM' in white. Underneath the banner, the breadcrumb navigation shows 'Home > Student Registration Form'. A modal window titled 'Student Registration Form' is open, containing a form field labeled 'First Name*' with a blue border around it. The URL 'Figure 53 - URL studregister' is displayed at the bottom of the page.

Figure 53 - URL studregister

Figure 53 shows the localhost URL `studregister.aspx` where users has to register as student first for getting further access to the website like he will be able to subscribe, view more information about a course.

+230 5926 4093 eduhas@info.com

Hello User, Welcome!

EduHas

HOME COURSES ABOUT CONTACT REGISTER LOGIN

STUDENT REGISTRATION FORM

Home > Student Registration Form

Student Registration Form

First Name*

Last Name*

Title*

Email Address*

Image Profile*

Choose File No file chosen

Username*

Password*

Confirm Password*

Remember me

REGISTER **Clear All**

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 Editing Course Premiere.
Duration : 2 Yr

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Figure 54 - Student Registration Form

Figure 54 shows an empty registration form.

Student Registration Form

Errors in this form are listed below:

First Name is a mandatory field!

Last Name is a mandatory field!

Email Address is a mandatory field!

Username is a mandatory field!

Password is a mandatory field!

Confirm Password is a mandatory field!

First Name*

This is a required field!

Last Name*

This is a required field!

Title*

Mobile Number*

Email Address*

This is a required field!

Image Profile*

No file chosen

Username*

This is a required field!

Password*

This is a required field!

Confirm Password*

This is a required field!

Remember me

Figure 55 - Validation of student registration form

Figure 55 shows that it is mandatory for student to fill up the form to be able to register.

Student Registration Form

First Name*
Raheem

Last Name*
Sterling

Title*
Male

Mobile Number*
59264093

Email Address*
beeharrytaajuddin@gmail.com

Image Profile*
 RaheemSterling.jpg

Username*
Sterling

Password*

Confirm Password*

Remember me

Figure 56 - Student Registration Form Filled

Figure 56 shows that the registration form has been filled up.

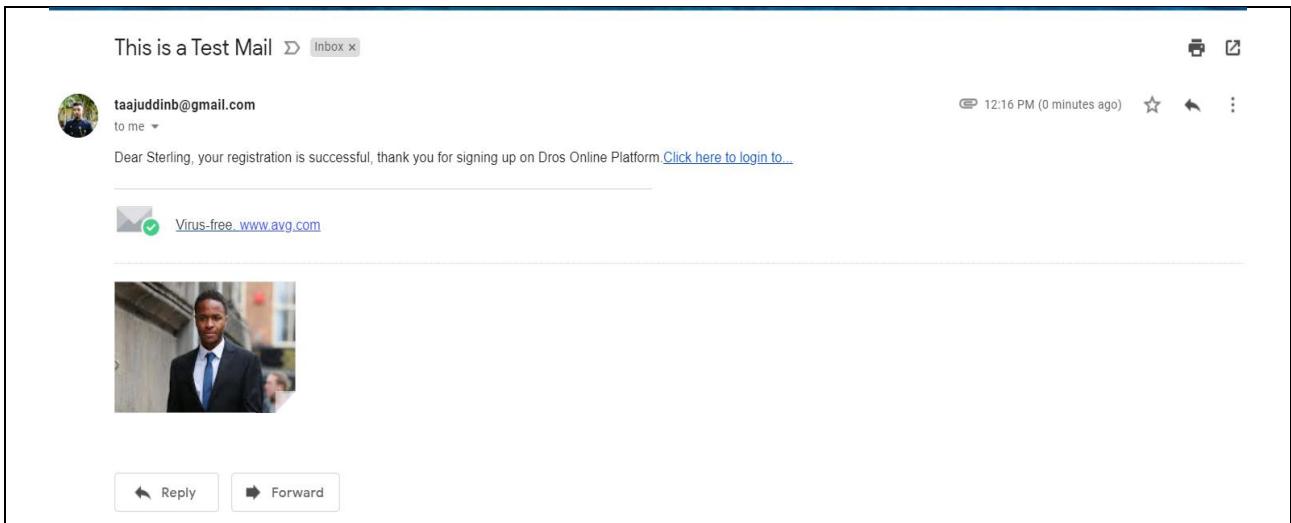


Figure 57 - Student Email Notification

When the student (Sterling) will be successfully registered, he will receive an email notification as shown in figure 57.

	Student_Id	S_Gender	F_Name	L_Name	Phone	Email	Image	Username	Password	Status
1	1	Male	Tajuddin	Beeharry	59264093	tajuddinb@gmail.com	Leon.jpeg	taajib	J4+ApFCIKWM...	True
2	2	Male	Cristiano	Ronaldo	59264093	cristiano@yahoo.com	home.jpeg	Cristiano	6UHEe7xnYCCtY...	False
3	3	Male	Lionel	Messi	59264093	messi@yahoo.com	Alexandra Fall.jpeg	Messi	sMm76qAZ0liw...	False
4	4	Female	Katrina	Kaif	59264093	kat@gmail.com	Katrina_Kaif.jpg	Katrina	r0Eg2vJPfk1psm...	False
5	5	Male	Virgil	Van Dijk	59264093	virgi@gmail.com	home.jpeg	Virgil	r0Eg2vJPfk1psm...	True
6	6	Female	Vedika	Kumar	59264093	vedika@hotmail.com	vedhika.jpg	Vedika	r0Eg2vJPfk1psm...	True
7	7	Female	Priyanka	Chopra	59264093	pri@gmail.com	Priyanka.jpg	Priyanka	r0Eg2vJPfk1psm...	True
	17	Male	Raheem	Sterling	59264093	beeharrytaajuddin@gmail.com	RaheemSterling.jpg	Sterling	r0Eg2vJPfk1psm...	True
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Figure 58 - Database Record

Figure 58 shows that the student's name has been successfully recorded and his ID is 11.

F11. Student amends profile
(studprofile.aspx)

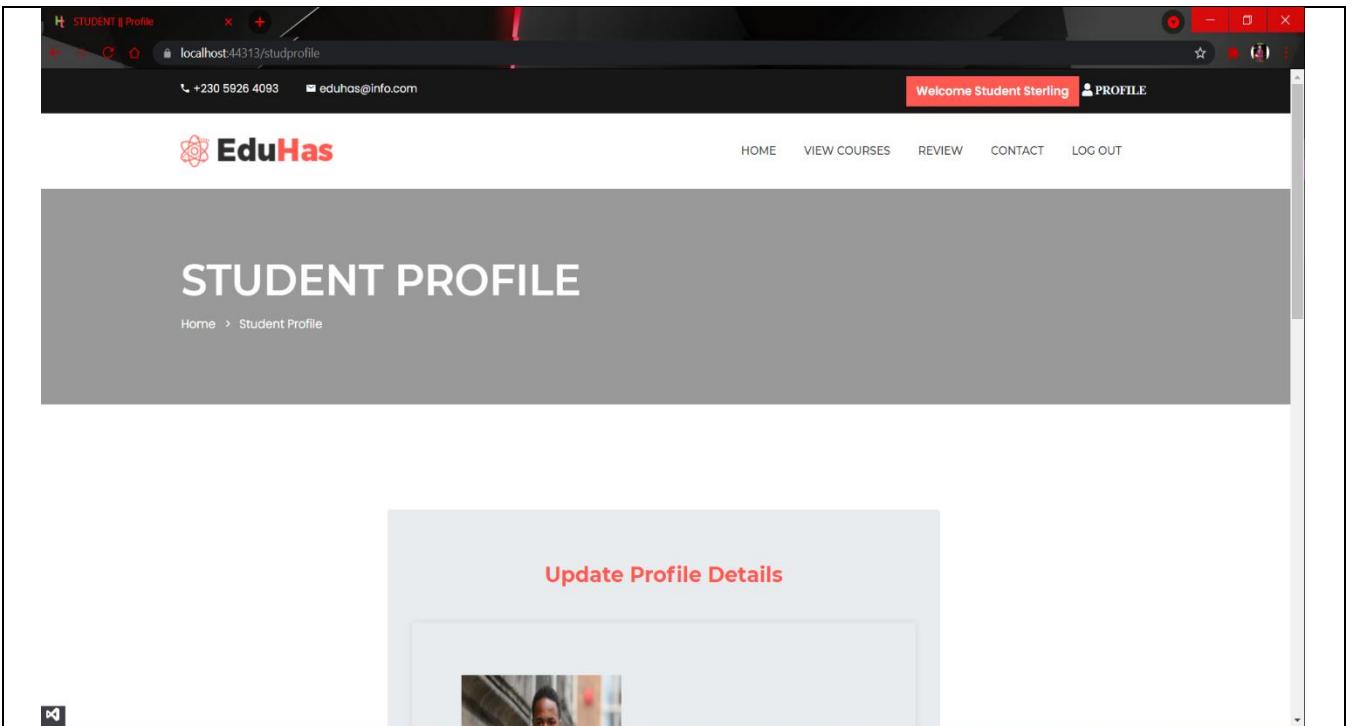


Figure 59 - URL studprofile

Figure 59 shows the localhost URL *studprofile.aspx* where the student can update his/her profile.

+230 6826 4083 | eduhas@info.com

Welcome Student Sterling | PROFILE

STUDENT PROFILE

Home > Student Profile

Update Profile Details



First Name:

Last Name:

Email:

UPDATE

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Figure 60 - Student Profile

Figure 60 refers to where student can update his first name, last name and email.

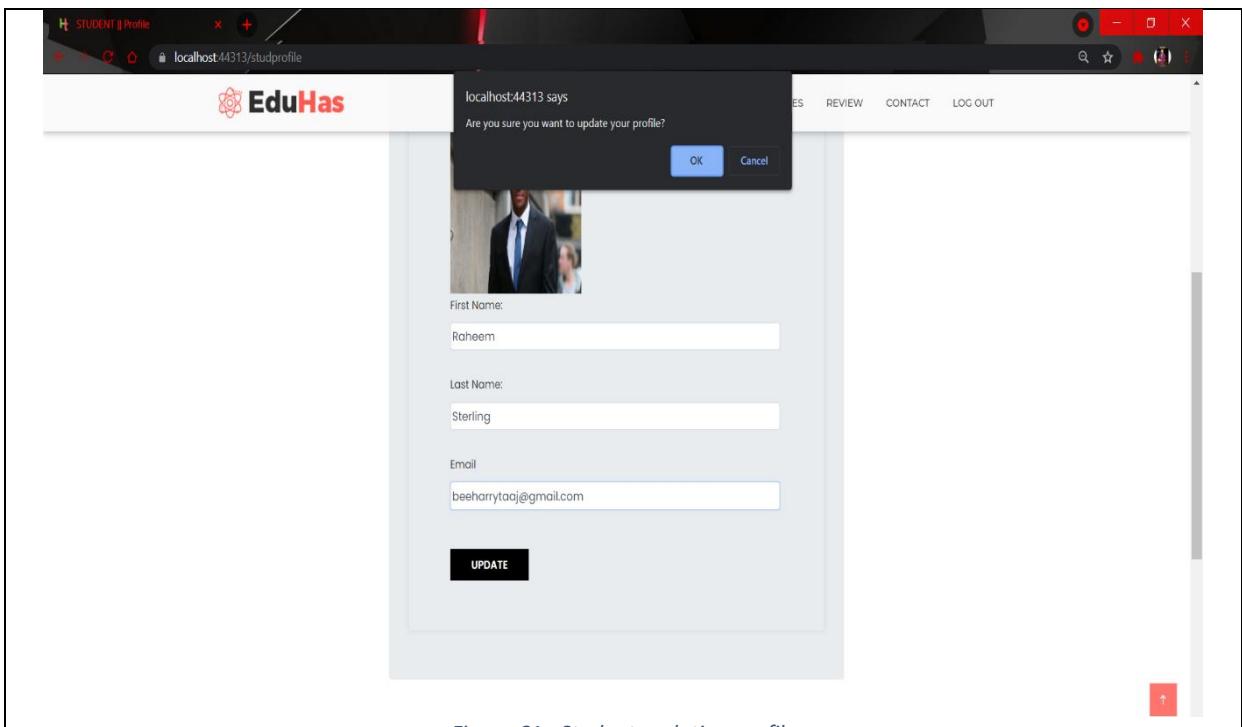


Figure 61 - Student updating profile

After clicking on the update button, a pop up will appear as shown in figure 61 for confirmation.

Update Profile Details



First Name:

Last Name:

Email

UPDATE

1 record updated.

Figure 62 - Student Updated profile

After successfully updating the profile, a message will appear as shown in figure 62.

Server Explorer Toolbox

dbo.tbStudent [Data] X

Max Rows: 1000

	Student_Id	S_Gender	F_Name	L_Name	Phone	Email	Image	Username	Password	Status
1	Male	Tajuddin	Beeharry	59264093	tajuddinb@gmail.com	Leon.jpeg	taajib	j4+AaPFCIKWM...	True	
2	Male	Cristiano	Ronaldo	59264093	cristiano@yahoo.com	home.jpeg	Cristiano	6UHEe7xnYCcTy...	False	
3	Male	Lionel	Messi	59264093	messi@yahoo.com	Alexandra Fall.jpeg	Messi	sMm76qAZOlrm...	False	
4	Female	Katrina	Kaif	59264093	kat@gmail.com	Katrina_Kaif.jpg	Katrina	r0Eg2vJPfk1psm...	False	
5	Male	Virgil	Van Dijk	59264093	virgil@gmail.com	home.jpeg	Virgil	r0Eg2vJPfk1psm...	True	
6	Female	Vedika	Kumar	59264093	vedika@hotmail.com	vedhika.jpg	Vedika	r0Eg2vJPfk1psm...	True	
7	Female	Privanka	Chopra	59264093	ori@gmail.com	Privanka.100	Privanka	r0Eo2vJPfk1osm...	True	
17	Male	Raheem	Sterling	59264093	beeharrytaaj@gmail.com	RaheemSterling.jpg	Sterling	r0Eg2vJPfk1psm...	True	
8	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	

Figure 63 - Database Record Updated

Figure 63 shows that the record has been updated in the database.

F13. Student views list of all courses +

F14. Student: Advanced Search for a course by grade/name, starting character
(studenthome.aspx)

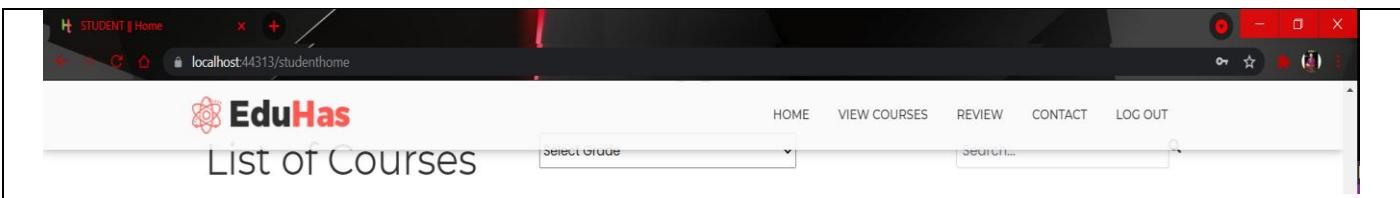


Figure 64 - URL studenthome

Figure 64 shows the localhost URL *studenthome.aspx* where after a student log in, he will be redirected to this page and he/she can view or do advanced search for courses by grade and names. Students can also view other stuffs.

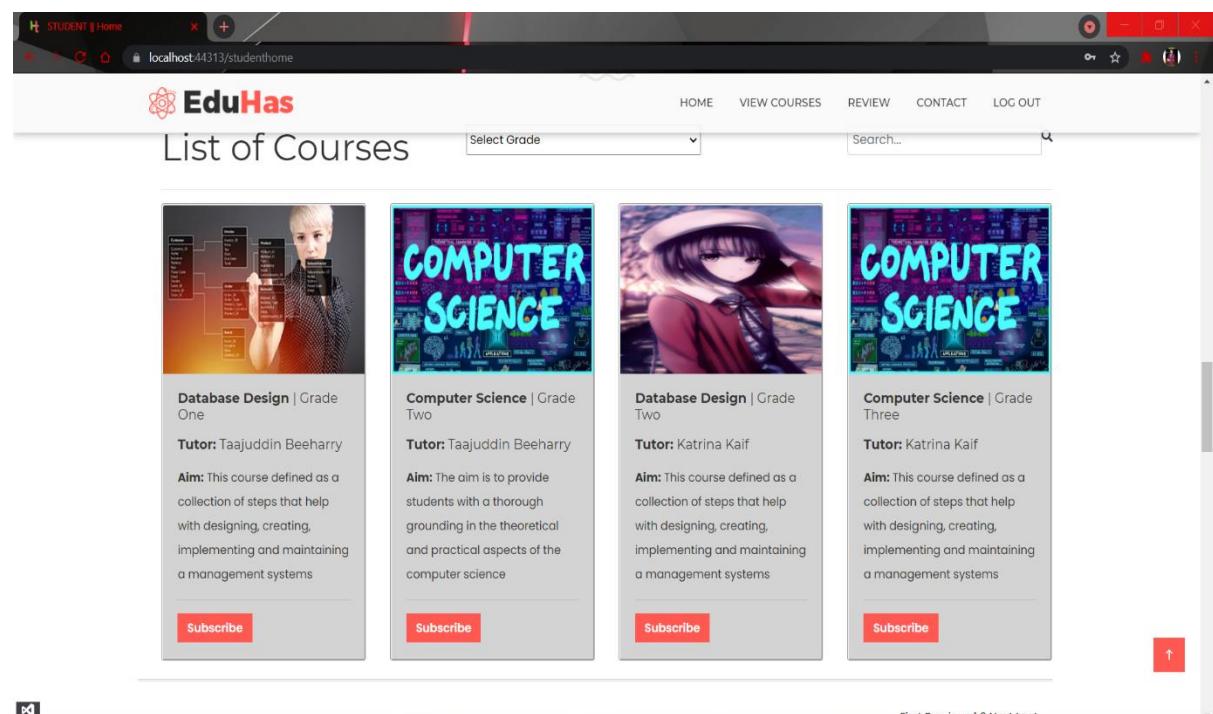


Figure 65 - Student view course

Student can view all courses in the student home page by clicking on 'next' and only basic details of the course like course title, course aim and the tutor name are displayed as shown in figure 65.

(studcourses.aspx)

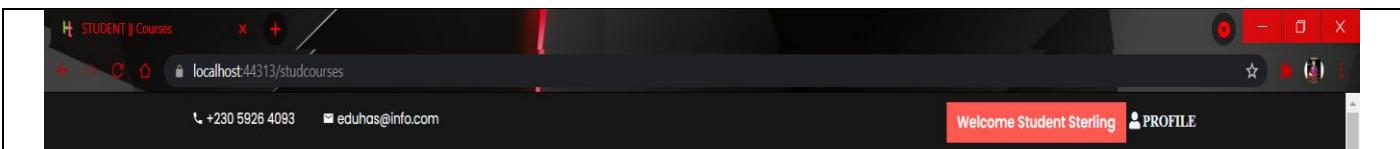


Figure 66 -URL studcourses

Figure 66 shows the localhost URL *studcourses.aspx* where student can view solely all courses and can also do advanced search for courses by grade and name or starting character.

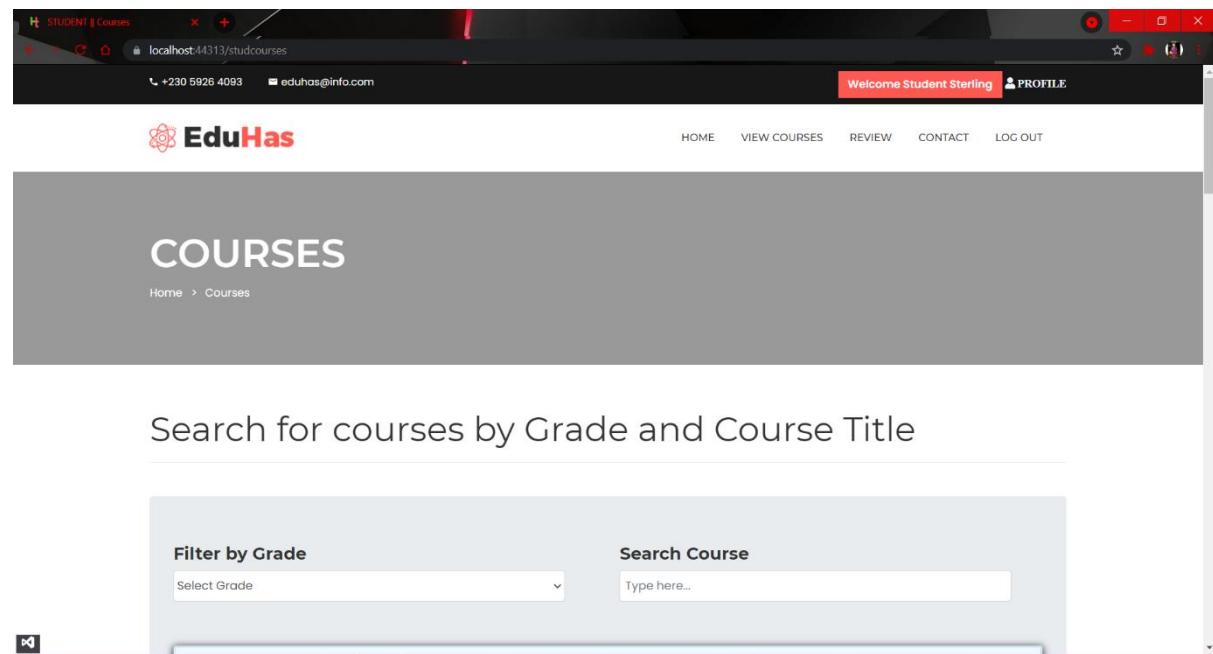


Figure 67 - View all courses

Figure 67 shows that in *studcourses.aspx* page (**view courses** on navbar), student can view all the courses that have been uploaded by tutors.

Filter by Grade

Select Grade

Search Course

Database Design

Tutor: Taajuddin Beeharry
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: hu
Grade: Grade One

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Computer Science

Tutor: Taajuddin Beeharry
Course Aim: The aim is to provide students with a thorough grounding in the theoretical and practical aspects of the computer science
Course Description: Computer science is the study of algorithmic processes, computational machines and computation itself. As a discipline, computer science spans a range of topics from theoretical studies of algorithms, computation and information to the practical issues of implementing computational systems in hardware and software. Its fields can be divided into theoretical and practical disciplines.
Grade: Grade Two

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Database Design

Tutor: Katrina Kalf
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: wqfevv
Grade: Grade Two

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Computer Science

Tutor: Katrina Kalf
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: hawhrk56j
Grade: Grade Three

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Python

Tutor: Katrina Kalf
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: ewrjatthgaf
Grade: Grade One

[Subscribe](#) [View Material](#)

Photoshop

Tutor: Katrina Kalf
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: erhgdfsdad
Grade: Grade Two

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Programming Concept

Tutor: Taajuddin Beeharry
Course Aim: Perform problem analysis to develop solutions to solve problems and translate the solution into C++ code
Course Description: A study of basic programming constructs, techniques and fundamental control structures. Emphasis is on Object Oriented and modular programming. Coverage includes data types, functions, arrays and pointers. The course examines problem analysis, decomposition and modern programming paradigms and methodologies.
Grade: Grade Three

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Graphic Design

Tutor: Kane Harry
Course Aim: The role is to illustrate and communicate messages with words, typography and imagery to communicate meaning, hopefully uniquely.
Course Description: Graphic designers create visual communications to convey messages in an effective and aesthetically pleasing manner. This incorporates several tasks and responsibilities. Example: design web pages, brochures, logos, signs, books, magazine covers, annual reports, advertisements, and other communication materials.
Grade: Grade One

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Figure 68 - All courses display

Student just need to scroll down to view courses along with their description as all courses are already displayed as shown in figure 68.

Search for courses by Grade and Course Title

The screenshot shows a search interface for courses. At the top left, there is a dropdown menu labeled "Filter by Grade" with "Grade One" selected. To its right is a search bar with the placeholder "Type here...". Below this, three course cards are displayed:

- Database Design**
Tutor: Taaquddin Beeharry
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: hu
Grade: Grade One
Buttons: [Subscribe](#) [View Material](#)
- Python**
Tutor: Katrina Kait
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: ewrjdthgof
Grade: Grade One
Buttons: [Subscribe](#) [View Material](#)
- Graphic Design**
Tutor: Kane Harry
Course Aim: The role is to illustrate and communicate messages with words, typography and imagery to communicate meaning, hopefully uniquely.
Course Description: Graphic designers create visual communications to convey messages in an effective and aesthetically pleasing manner. This incorporates several tasks and responsibilities. Example: design web pages, brochures, logos, signs, books, magazine covers, annual reports, advertisements, and other communication materials.
Grade: Grade One
Buttons: [Subscribe](#) [View Material](#)

Figure 69 - Advanced search by Grade

Figure 69 shows how student is searching for courses for grade one.

Search for courses by Grade and Course Title

The screenshot shows a search interface for courses. At the top left is a dropdown menu labeled "Filter by Grade" with "Select Grade" selected. To its right is a search bar labeled "Search Course" containing the letter "Ph". Below these are two course cards. The first card is for "Photoshop", listing the tutor as Katrina Kaif, course aim as "This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems", course description as "erhgdfsad", and grade as "Grade Two". It has "Subscribe" and "View Material" buttons. The second card is for "Graphic Design", listing the tutor as Kane Harry, course aim as "The role is to illustrate and communicate messages with words, typography and imagery to communicate meaning, hopefully uniquely.", course description as "Graphic designers create visual communications to convey messages in an effective and aesthetically pleasing manner. This incorporates several tasks and responsibilities. Example: design web pages, brochures, logos, signs, books, magazine covers, annual reports, advertisements, and other communication materials.", grade as "Grade One", and "Subscribe" and "View Material" buttons.

Figure 70 - Advanced search by Starting character

Figure 70 shows student is searching for courses by starting character.

Search for courses by Grade and Course Title

The screenshot shows a search interface for courses. At the top left is a dropdown menu labeled "Filter by Grade" with "Grade Two" selected. To its right is a search bar labeled "Search Course" containing the letter "Ph". Below these are two course cards. The first card is for "Photoshop", listing the tutor as Katrina Kaif, course aim as "This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems", course description as "erhgdfsad", and grade as "Grade Two". It has "Subscribe" and "View Material" buttons. The second card is for "Graphic Design", which is partially visible. The "Filter by Grade" dropdown is highlighted with a blue border.

Figure 71 - Advanced search by Grade and Starting character

Figure 71 shows how student is searching for courses by grade and starting character.

F15. Student subscribes for a course
(studenthome.aspx)

Figure 72 – Student subscribe1

Figure 73 - Student subscribe2

Students can subscribe in student home page as shown in figure 72 and 73. Once he/she subscribed, the link button will be disabled as ‘if else statement’ is used to check whether a student has subscribed or not and the id of the student and course are saved in the table subscription and the subscription status becomes deactivate.

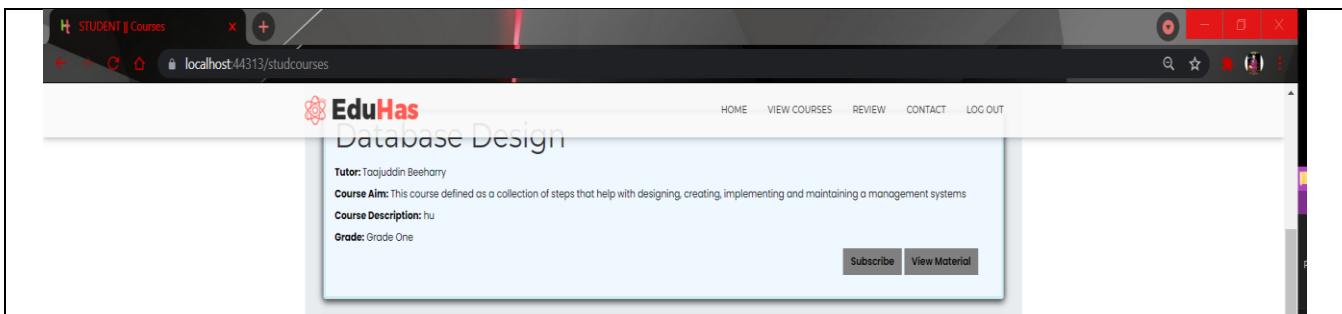


Figure 74 - Page course

Figure 74 shows the localhost URL studcourses.aspx where students can view all courses along with their materials if the tutor activates the subscription.

Filter by Grade

Select Grade

Search Course

Database Design

Tutor: Taajuddin Beeharry
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: hu
Grade: Grade One

[Subscribe](#) [View Material](#)

Computer Science

Tutor: Taajuddin Beeharry
Course Aim: The aim is to provide students with a thorough grounding in the theoretical and practical aspects of the computer science
Course Description: Computer science is the study of algorithmic processes, computational machines and computation itself. As a discipline, computer science spans a range of topics from theoretical studies of algorithms, computation and information to the practical issues of implementing computational systems in hardware and software. Its fields can be divided into theoretical and practical disciplines.
Grade: Grade Two

[Subscribe](#) [View Material](#)

Database Design

Tutor: Katrina Kaif
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: wqfeww
Grade: Grade Two

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Computer Science

Tutor: Katrina Kaif
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: hawhrk56j
Grade: Grade Three

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Python

Tutor: Katrina Kaif
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: ewrjdthgaf
Grade: Grade One

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Photoshop

Tutor: Katrina Kaif
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: erhgdfsd
Grade: Grade Two

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Programming Concept

Tutor: Taajuddin Beeharry
Course Aim: Perform problem analysis to develop solutions to solve problems and translate the solution into C++ code
Course Description: A study of basic programming constructs, techniques and fundamental control structures. Emphasis is on Object Oriented and modular programming. Coverage includes data types, functions, arrays and pointers. The course examines problem analysis, decomposition and modern programming paradigms and methodologies.
Grade: Grade Three

[Subscribe](#) [View Material](#)

Graphic Design

Tutor: Kane Harry
Course Aim: The role is to illustrate and communicate messages with words, typography and imagery to communicate meaning, hopefully uniquely.
Course Description: Graphic designers create visual communications to convey messages in an effective and aesthetically pleasing manner. This incorporates several tasks and responsibilities. Example: design web pages, brochures, logos, signs, books, magazine covers, annual reports, advertisements, and other communication materials.
Grade: Grade One

[Subscribe](#) [View Material](#)

Figure 75 - Page Course Student subscribed

Figure 75 shows the student (Sterling) who has already subscribed for courses.

Server Explorer Toolbox

dbo.tblSubscription [Data] ↻ X

Max Rows: 1000

	Subs_Id	S_Status	Student_Id	Course_Id
▷	29	active	1	9
	30	active	1	16
	31	deactive	1	15
	32	active	1	17
	33	deactive	1	14
	34	deactive	5	19
	35	deactive	5	17
	36	deactive	5	15
	37	active	5	9
	38	deactive	6	14
	39	active	6	16
	40	deactive	6	18
	41	deactive	7	9
	42	deactive	7	16
	43	active	7	19
	44	deactive	1	20
	45	active	6	20
	46	deactive	7	20
	47	deactive	17	9
	48	deactive	17	16
	49	deactive	17	20
	50	deactive	17	18
⌚	NULL	NULL	NULL	NULL

Figure 76 - Subscription Database Record

Once a student has subscribed, the column 'S_Status' (which means the subscription status) is set to 'deactive' as shown in figure 76.

F16. Student posts review (studreview.aspx)

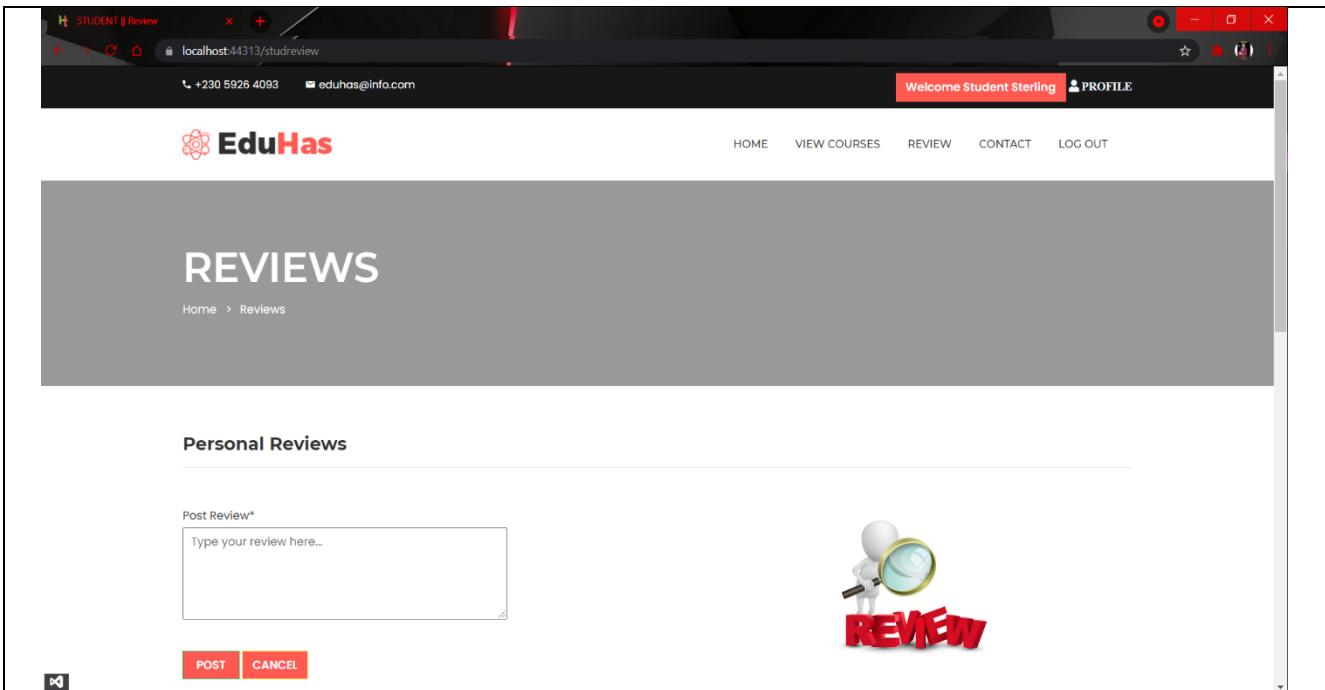


Figure 77 - URL studreview

Figure 77 shows the localhost URL *studreview.aspx* where student can post his/her personal reviews.

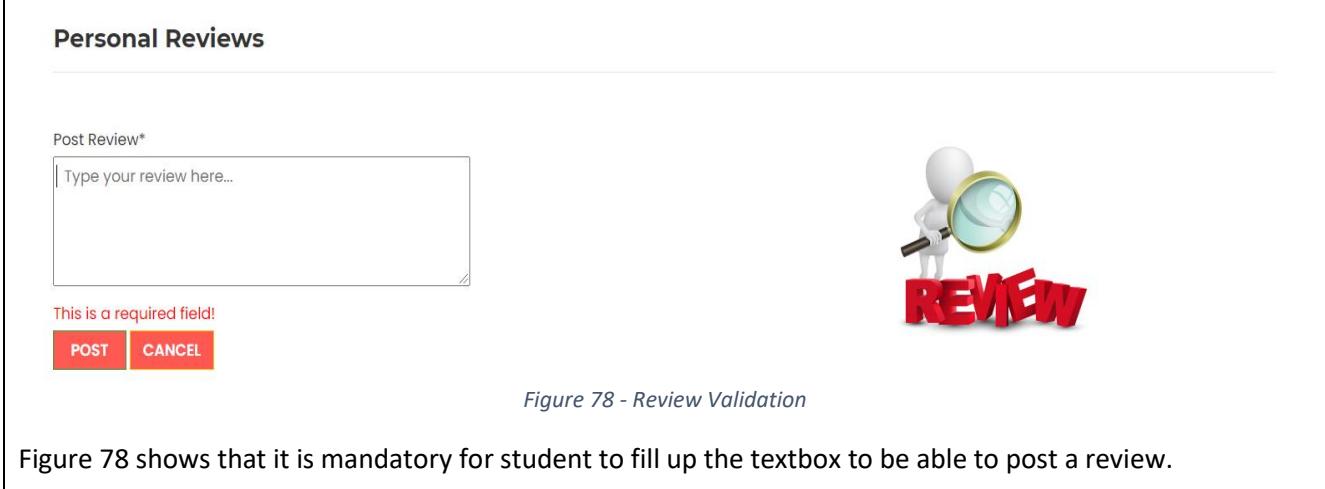


Figure 78 - Review Validation

Figure 78 shows that it is mandatory for student to fill up the textbox to be able to post a review.

Personal Reviews

Post Review*

Nice!

POST **CANCEL**

Figure 79 - Review Filled

Personal Reviews

Post Review*

Type your review here...

Thank you for posting your Review!

POST **CANCEL**

Figure 80 - Review Successfully post

Figure 79 shows when a review form has been filled.

Figure 80 shows that the review has posted successfully.

The screenshot shows a web browser window with the URL 'localhost:44313/studreview'. The page title is 'EduHas Personal Reviews'. The main content area contains a 'Post Review*' input field with the text 'Type your review here...'. Below the input field is a 'Thank you for posting your Review!' message. At the bottom are two red buttons labeled 'POST' and 'CANCEL'.



Student Reviews

Comment	First Name	Last Name	Image
Nice!	Raheem	Sterling	
1234			

Figure 81 - View Review

Figure 81 shows that the student can view his review below after posting and can also view other students' reviews.

	Review_Id	Student_Id	Comment
2	1	Great	
3	1	Good!	
4	1	Awesome!	
5	5	Great platform ...	
6	7	Fantastic platfor...	
7	7	Great!	
8	17	Nice!	
NULL	NULL	NULL	

Figure 82 - Review Database Record

Figure 82 shows that the review has been successfully recorded.

[F17. Student views/downloads course materials
\(studcourses.aspx\)](#)

Filter by Grade

Search Course

Database Design

Tutor: Taqjuddin Beeharry
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: hu
Grade: Grade One

[Subscribe](#)
[View Material](#)

Computer Science

Tutor: Taqjuddin Beeharry
Course Aim: The aim is to provide students with a thorough grounding in the theoretical and practical aspects of the computer science
Course Description: Computer science is the study of algorithmic processes, computational machines and computation itself. As a discipline, computer science spans a range of topics from theoretical studies of algorithms, computation and information to the practical issues of implementing computational systems in hardware and software. Its fields can be divided into theoretical and practical disciplines.
Grade: Grade Two

[Subscribe](#)
[View Material](#)

Database Design

Tutor: Katrina Kailf
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: wafewv
Grade: Grade Two

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[View Material](#)

Computer Science

Tutor: Katrina Kailf
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: hawhrk56j
Grade: Grade Three

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[View Material](#)

Python

Tutor: Katrina Kailf
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: ewrjdthgaf
Grade: Grade One

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Photoshop

Tutor: Katrina Kailf
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: erhgdfsdad
Grade: Grade Two

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Programming Concept

Tutor: Taqjuddin Beeharry
Course Aim: Perform problem analysis to develop solutions to solve problems and translate the solution into C++ code
Course Description: A study of basic programming constructs, techniques and fundamental control structures. Emphasis is on Object Oriented and modular programming. Coverage includes data types, functions, arrays and pointers. The course examines problem analysis, decomposition and modern programming paradigms and methodologies.
Grade: Grade Three

[Subscribe](#)
[View Material](#)

Graphic Design

Tutor: Kane Harry
Course Aim: The role is to illustrate and communicate messages with words, typography and imagery to communicate meaning, hopefully uniquely.
Course Description: Graphic designers create visual communications to convey messages in an effective and aesthetically pleasing manner. This incorporates several tasks and responsibilities. Example: design web pages, brochures, logos, signs, books, magazine covers, annual reports, advertisements, and other communication materials.
Grade: Grade One

[Subscribe](#)
[View Material](#)

Figure 83 - Course Material

Figure 83 shows that materials can only be viewed by student whose subscription has been activated. An if else statement is used to check for subscription status. The hyperlink view material will enable only if the subscription status is active.

(studmaterials.aspx)

The screenshot shows a web browser window for the 'STUDENT || Materials' page at localhost:44313/studmaterials?id=9. The page is titled 'MATERIALS'. At the top right, there's a red bar with 'Welcome Student Sterling' and a profile icon. Below the title, there are navigation links: HOME, VIEW COURSES, REVIEW, CONTACT, and LOG OUT. The main content area has a dark grey header with the 'EduHas' logo. Below it, the word 'MATERIALS' is centered in large white capital letters. Underneath, a breadcrumb trail shows 'Home > Materials'. The main content area contains the heading 'Download Materials:' followed by two dashed boxes. The first box contains the text 'Practice 1 Uploaded by Taajuddin Beeharry for course (Database Design)'. The second box contains the text 'Tutorial Spring Trader Uploaded by Taajuddin Beeharry for course (Database Design)'.

Figure 84 - URL studmaterials

A content page `studmaterials.aspx` has been created for materials. In figure 82, a hyperlink was used to pass the course Id where the student will be redirected to `studmaterials?id=9` as shown in figure 83. Query-string is used to display the information of the selected course so that student can view only the materials for that course.

Download Materials:

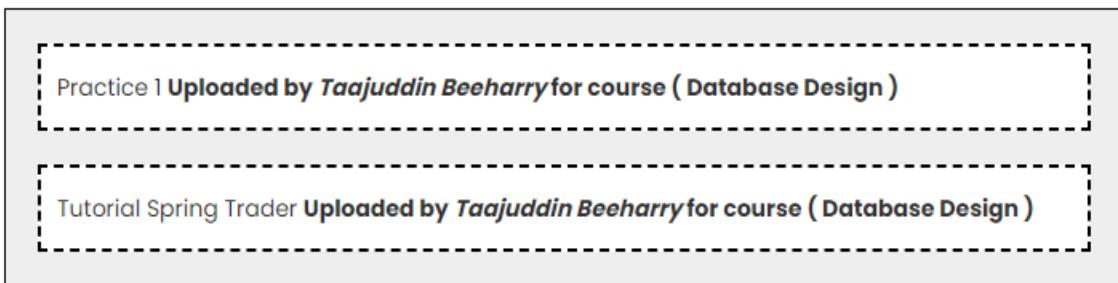


Figure 85 – View Uploaded Materials

In figure 85 student can see the materials for the course Database Design along with the tutor name.

The screenshot shows the EduHas website's Materials page. At the top, there is a black header bar with contact information (+230 5926 4093, eduhas@info.com) and a red button for 'Welcome Student Sterling' and 'PROFILE'. Below the header is the EduHas logo. The main content area has a dark grey background and features a large white 'MATERIALS' heading. Below it, a breadcrumb navigation shows 'Home > Materials'. The page displays two uploaded materials: 'Practice 1 Uploaded by Taajuddin Beeharry for course (Database Design)' and 'Tutorial Spring Trader Uploaded by Taajuddin Beeharry for course (Database Design)'.

Download Materials:

The screenshot shows the EduHas website's footer section. It includes the EduHas logo, a brief description of the platform, social media links (Facebook, YouTube, Instagram, Pinterest), and quick links for MATERIALS, REVIEWS, CONTACT US, and FAQ. On the right, there is a 'POPULAR COURSES' section featuring two courses: 'Learn ASP.NET MVC and Entity.' (Duration: 2 Yr) and 'Editing Course Premiere.' (Duration: 2 Yr). The footer also contains a copyright notice: 'Copyright© 2021 DROS, Designed by Beeharry Taajuddin'.

Figure 86 - View Uploaded Materials2

Figure 86 shows a long screen which has the greeting message for student and the uploaded materials for the course (Database Design) along with the tutor name.

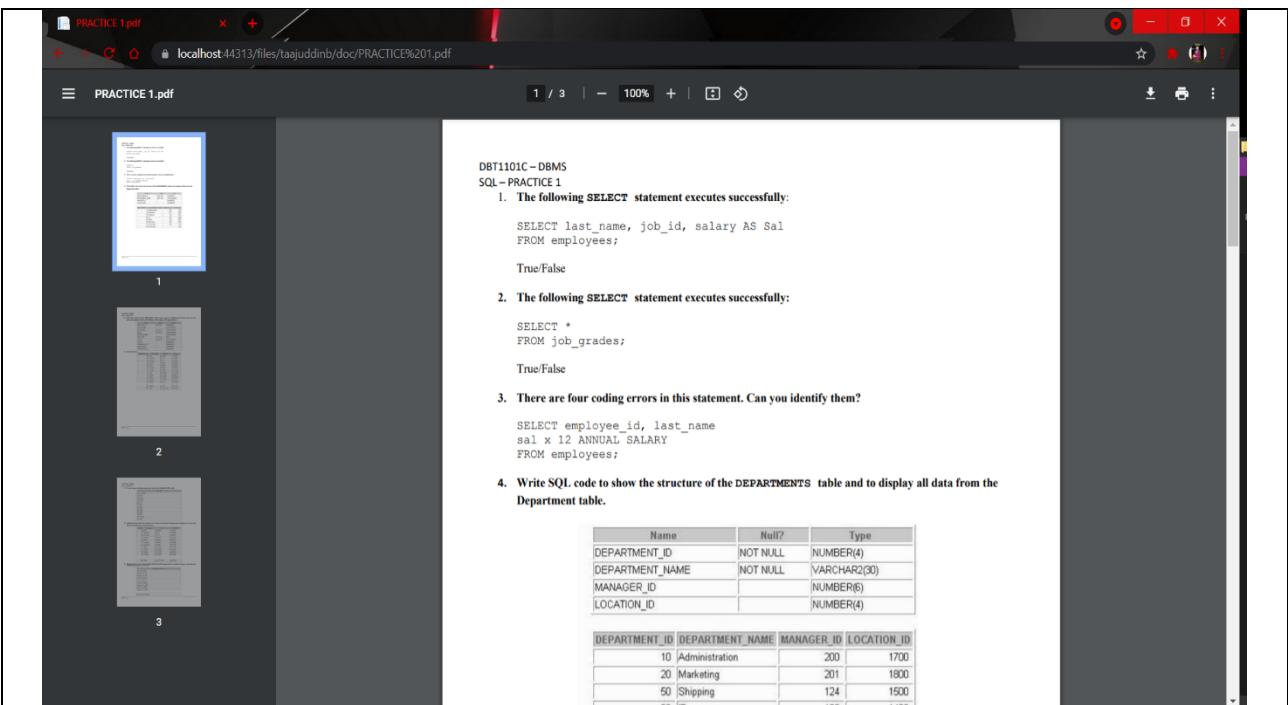


Figure 87 - View Material pdf

Figure 87 shows that material (Practice 1) has opened when the student has clicked on it. Now he/she can view the information on pdf or download it.

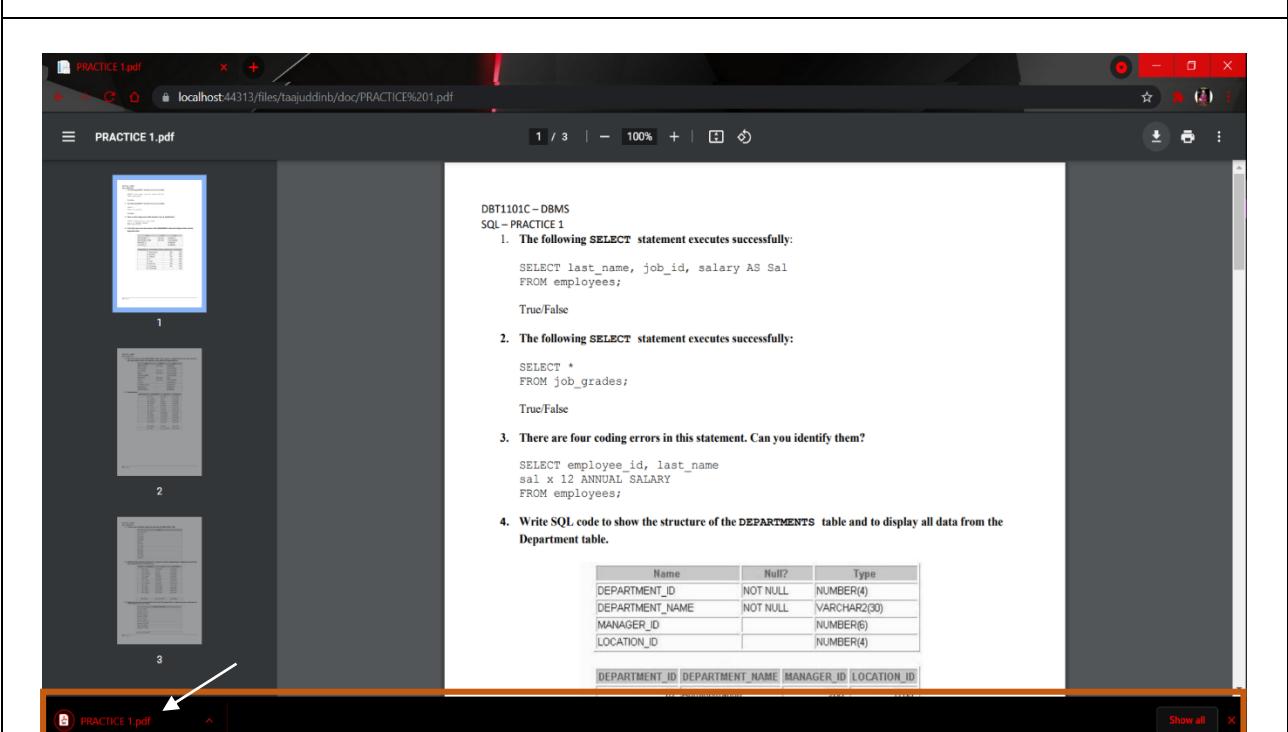


Figure 88 - Download Material

Figure 88 shows that the student has successfully downloaded the material (Practice 1).

F18. Admin views list of tutors
(adminviewtutors.aspx)

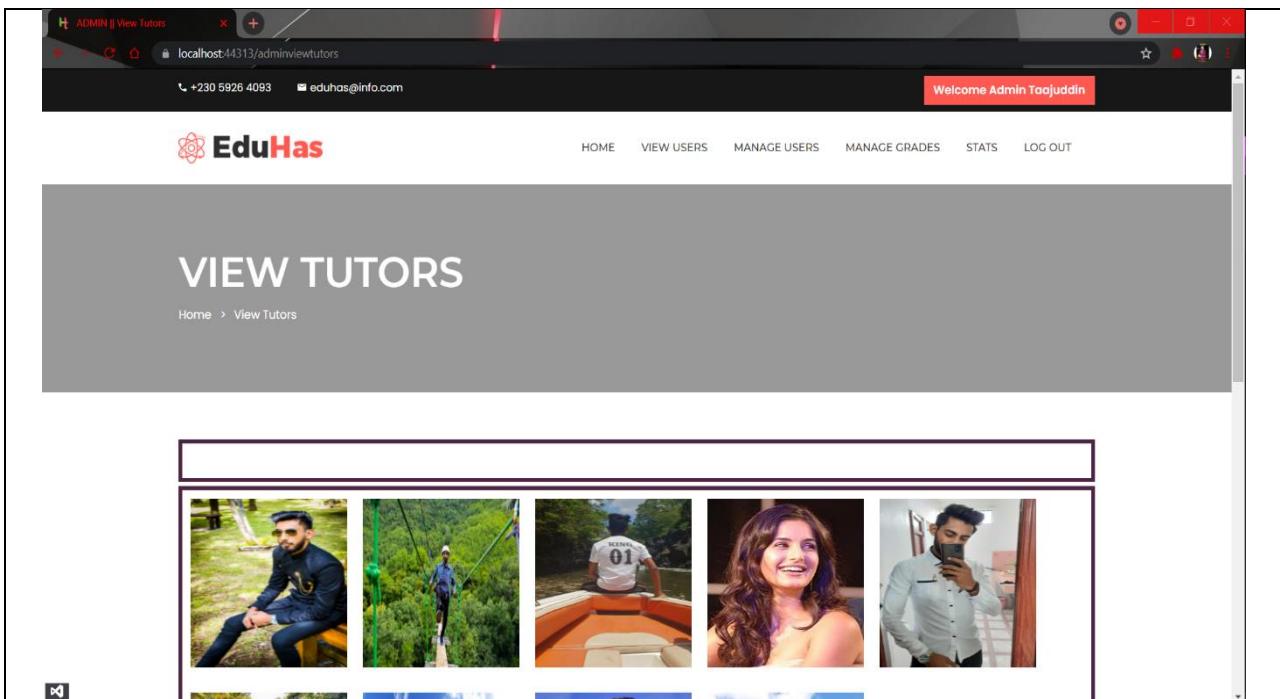


Figure 89 - URL adminviewtutors

Figure 89 shows the localhost URL *adminviewtutors.aspx* where admin can view the tutors.



VIEW TUTORS

Home > View Tutors

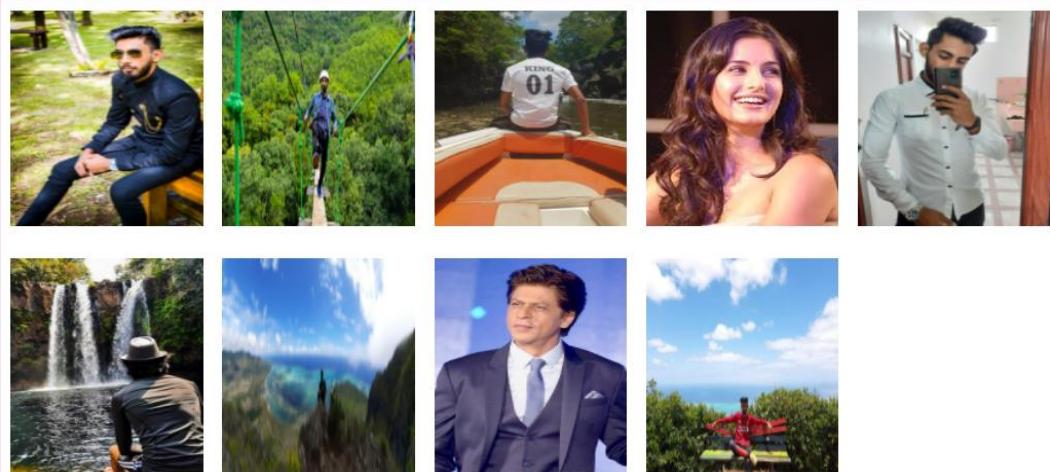


Figure 90 - Admin view tutors

Figure 90 shows that admin can view all the tutors who have registered.

VIEW TUTORS

Home > View Tutors

taajuddin@gmail.mu

Name: Taajuddin Beeharry
Mobile Number: 59264093



Figure 91 - Admin view tutor details

VIEW TUTORS

Home > View Tutors

Shahrukh@gmail.com

Name: Shah Rukh Khan
Mobile Number: 59264093

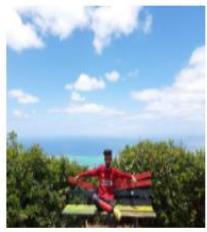
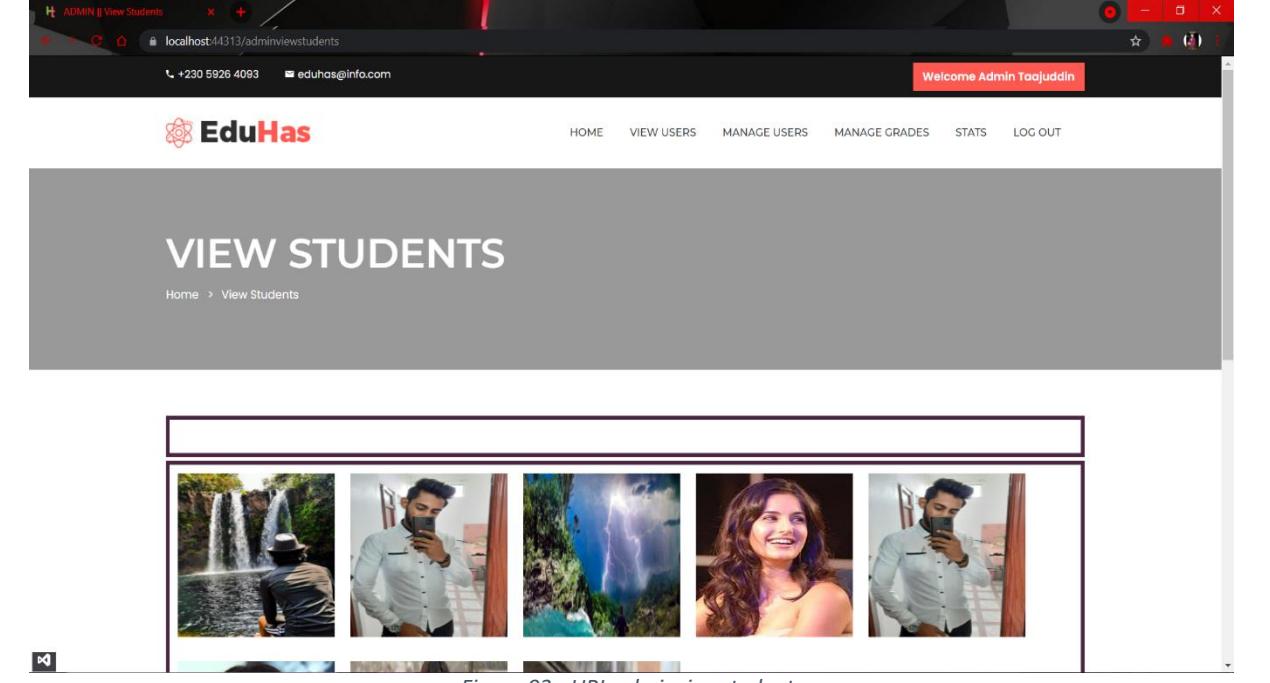


Figure 92 - Admin view tutor details2

Figure 91 and 92 show that admin has clicked on a tutor image and the email, name and mobile number for the tutor have displayed above.

F19. Admin views list of students
(adminviewstudents.aspx)



The screenshot shows a web browser window with the URL `localhost:4431/adminviewstudents`. The page title is "ADMIN | View Students". The header includes the EduHas logo, contact information (+230 5926 4093, eduhas@info.com), and a welcome message "Welcome Admin Taajuddin". Navigation links include HOME, VIEW USERS, MANAGE USERS, MANAGE GRADES, STATS, and LOG OUT. The main content area is titled "VIEW STUDENTS" and shows a breadcrumb trail "Home > View Students". Below this, there is a grid of five student profile pictures. The first picture shows a person from behind at a waterfall. The second shows a man taking a selfie. The third is a lightning bolt over water. The fourth shows a woman smiling. The fifth shows another man taking a selfie. A caption below the grid reads "Figure 93 - URL adminviewstudents".

Figure 93 shows the localhost URL `adminviewstudents.aspx` where admin can view the students.

VIEW STUDENTS

Home > View Students



Figure 94 - Admin view students

Figure 94 shows that admin can view all the students who have registered.

VIEW STUDENTS

Home > View Students

taajuddinb@gmail.com

Name: Taajuddin Beeharry
Mobile Number: 59264093



Figure 95 - Admin view student details

VIEW STUDENTS

Home > View Students

kat@gmail.com

Name: Katrina Kaif

Mobile Number: 59264093



Figure 96 - Admin view student details2

Figure 95 and 96 show that admin has clicked on a student image and the email, name and mobile number for the student have displayed above.

F20. Admin search for users + F21. Admin Freeze/Unfreeze user account
(adminblocktutors.aspx)

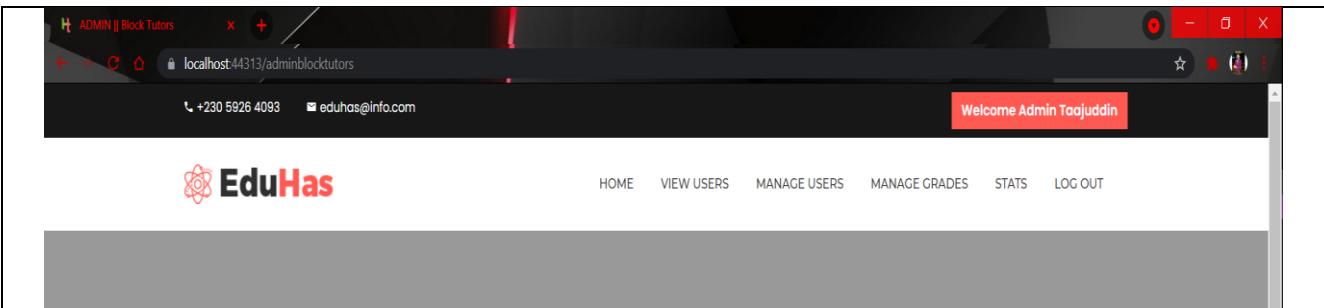
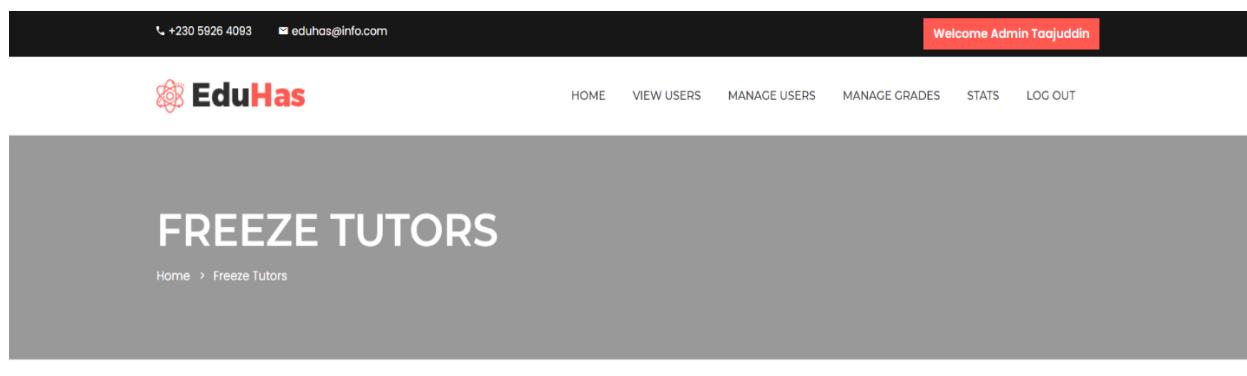


Figure 97 - URL adminblocktutors

Figure 97 shows the localhost URL `adminblocktutors.aspx` where admin can view and search for tutors.



Search and Freeze active users:

Show 2 entries

Search: Ro

First Name	Last Name	Username	Image	Action
Wayne	Rooney	Wayne		<button>FREEZE</button>

Showing 1 to 1 of 1 entries (filtered from 6 total entries)

Previous 1 Next

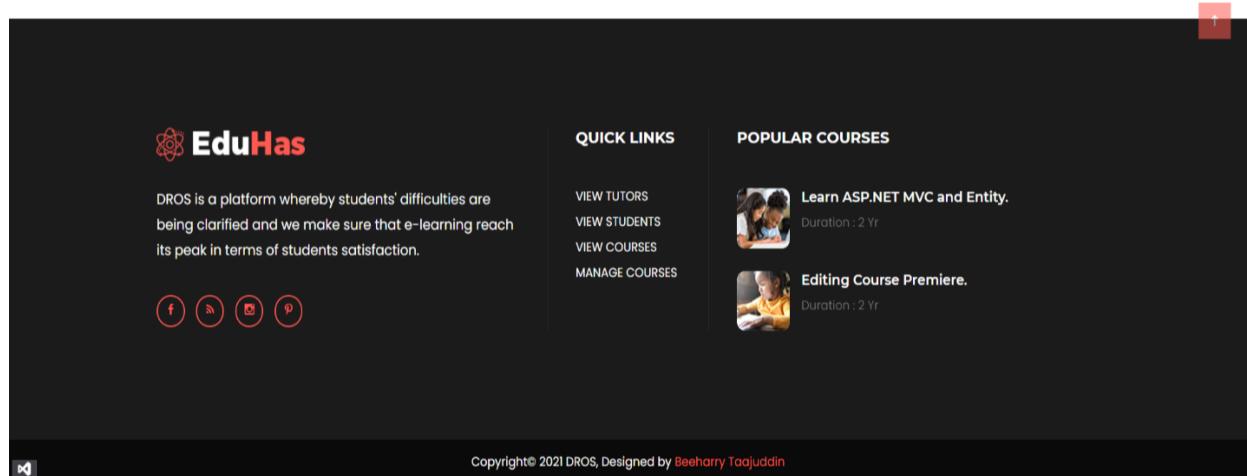


Figure 98 - admin search tutor

Figure 98 shows where admin is searching for tutor and can freeze the user account.

(adminblockstudents.aspx)

The screenshot shows a browser window with the URL `localhost:44313/adminblockstudents`. The page title is "ADMIN || Block Students". The header includes the EduHas logo, contact information (+230 5926 4093, eduhas@info.com), and a welcome message "Welcome Admin Taajuddin". Below the header is a navigation menu with links: HOME, VIEW USERS, MANAGE USERS, MANAGE GRADES, STATS, and LOG OUT. A red box highlights the "VIEW USERS" link.

Figure 99 - URL `adminblockstudents.aspx`

Figure 99 shows the localhost URL `adminblockstudents.aspx` where admin can view and search for students.

The screenshot shows a "FREEZE STUDENTS" page. At the top, there is a search bar labeled "Search" with a magnifying glass icon. Below the search bar is a table with columns: First Name, Last Name, Username, Image, and Action. Two entries are listed: Vedika Kumar (Vedika) and Virgil Van Dijk (Virgil). Each entry has a "FREEZE" button in the Action column. A red box highlights the search bar. Below the table, it says "Showing 1 to 2 of 2 entries (filtered from 5 total entries)".

The screenshot shows the footer of the EduHas website. It includes the EduHas logo, a "QUICK LINKS" menu with options: VIEW TUTORS, VIEW STUDENTS, VIEW COURSES, and MANAGE COURSES. To the right is a "POPULAR COURSES" section featuring two course cards: "Learn ASP.NET MVC and Entity." (Duration: 2 Yr) and "Editing Course Premiere." (Duration: 2 Yr). At the bottom, there is a copyright notice: "Copyright© 2021 DROS, Designed by Beeharry Taajuddin".

Figure 100 - admin search student

Figure 100 shows where admin is searching for student and can also freeze the user account.

(adminUNblocktutors.aspx)

The screenshot shows a web browser window with the URL `localhost:44313/adminUnblocktutors`. The page title is "ADMIN || Unblock Tutors". The header includes a phone number (+230 5926 4093) and email (eduhas@info.com). A red banner at the top right says "Welcome Admin Taajuddin". Below the header is the EduHas logo. The navigation menu has links for HOME, VIEW USERS, MANAGE USERS, MANAGE GRADES, STATS, and LOG OUT. The main content area is currently empty.

Figure 101 - URL `adminUNblocktutors.aspx`

Figure 101 shows the localhost URL `adminUNblocktutors.aspx` where admin can view and search for tutors.

The screenshot shows a web browser window with the URL `localhost:44313/adminUnblocktutors`. The page title is "ADMIN || Unblock Tutors". The header includes a phone number (+230 5926 4093) and email (eduhas@info.com). A red banner at the top right says "Welcome Admin Taajuddin". Below the header is the EduHas logo. The navigation menu has links for HOME, VIEW USERS, MANAGE USERS, MANAGE GRADES, STATS, and LOG OUT. The main content area features a large heading "UNFREEZE TUTORS". Below it is a breadcrumb trail: Home > Unfreeze Tutors. The page contains a table titled "Search and Unfreeze users:" with columns: First Name, Last Name, Username, Image, and Action. The table shows one entry: Salman Khan, Salman, with an image placeholder and a red "UNFREEZE" button. A search bar labeled "Search: s" is highlighted with a red box and an arrow pointing to it. At the bottom, it says "Showing 1 to 1 of 1 entries (filtered from 3 total entries)" and "Previous 1 Next".

Search and Unfreeze users:

First Name	Last Name	Username	Image	Action
Salman	Khan	Salman		UNFREEZE

Showing 1 to 1 of 1 entries (filtered from 3 total entries)

Previous 1 Next

The footer of the page includes the EduHas logo and a brief description: "DROS is a platform whereby students' difficulties are being clarified and we make sure that e-learning reach its peak in terms of students satisfaction." It also features social media icons for Facebook, YouTube, Instagram, and Pinterest. On the right, there are two sections: "QUICK LINKS" with links to View Tutors, View Students, View Courses, and Manage Courses; and "POPULAR COURSES" with two items: "Learn ASP.NET MVC and Entity." (Duration: 2 Yr) and "Editing Course Premiere." (Duration: 2 Yr).

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Figure 102 - `admin search tutor2`

Figure 102 shows where admin is searching for tutor and can unfreeze the user account.

(adminUNblockstudents.aspx)

The screenshot shows a web browser window with the URL `localhost:4413/adminUNblockstudents`. The page title is "ADMIN || Unblock Students". The header includes a phone number (+230 5926 4093), an email address (eduhas@info.com), and a welcome message "Welcome Admin Taajuddin". Below the header is the EduHas logo and a navigation menu with links for HOME, VIEW USERS, MANAGE USERS, MANAGE GRADES, STATS, and LOG OUT. A large gray search bar is positioned below the menu.

Figure 103 - URL `adminUNblockstudents.aspx`

Figure 103 shows the localhost URL `adminUNblockstudents.aspx` where admin can view and search for students.

The screenshot shows a web browser window with the URL `localhost:4413/adminUNblockstudents`. The page title is "ADMIN || Unblock Students". The header includes a phone number (+230 5926 4093), an email address (eduhas@info.com), and a welcome message "Welcome Admin Taajuddin". Below the header is the EduHas logo and a navigation menu with links for HOME, VIEW USERS, MANAGE USERS, MANAGE GRADES, STATS, and LOG OUT. The main content area features a heading "UNFREEZE STUDENTS" and a breadcrumb trail "Home > Unfreeze Students". Below this is a search form with a placeholder "Search and Unfreeze users:" and a dropdown "Show 2 entries". A table displays user information: First Name (Katrina), Last Name (Kaif), Username (Katrina), Image (profile picture of a woman), and Action (button labeled "UNFREEZE"). An arrow points from the text "can also unfreeze the user account." to the "UNFREEZE" button. At the bottom, there is a search bar with the text "Search: K", a page number "1", and navigation buttons for "Previous" and "Next". The footer contains the EduHas logo, a brief description of DROS, social media icons (Facebook, YouTube, Instagram, Pinterest), quick links (VIEW TUTORS, VIEW STUDENTS, VIEW COURSES, MANAGE COURSES), popular courses ("Learn ASP.NET MVC and Entity.", "Editing Course Premiere."), and a copyright notice "Copyright© 2021 DROS, Designed by Beeharry Taajuddin".

Figure 104 - admin search student2

Figure 100 shows where admin is searching for student and can also unfreeze the user account.

F22. Admin adds/amends course grade (adminmanagegrade.aspx)

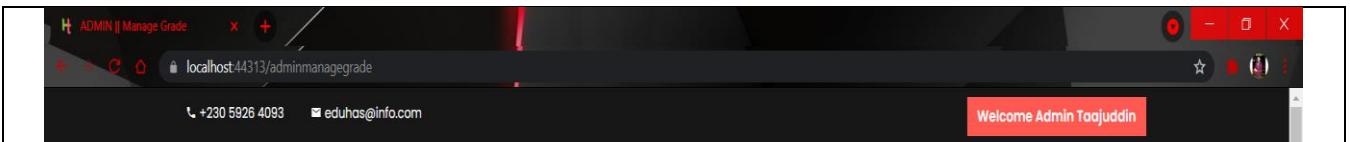


Figure 105 - URL adminmanagegrade

Figure 105 shows the localhost URL adminmanagegrade.aspx where admin can add and amend grade.

The screenshot displays the EduHas application's management interface. At the top, there is a navigation bar with links for HOME, VIEW USERS, MANAGE USERS, MANAGE GRADES, STATS, and LOG OUT. A red banner at the top right says "Welcome Admin Taajuddin". Below the navigation, the main content area features a large "MANAGE GRADES" heading. To the left is a form with a "Grade Name*" label and a text input field, followed by a red "ADD GRADE" button. To the right is a table with three rows:

	Grade Name
Select	Grade One
Select	Grade Two
Select	Grade Three

At the bottom of the page, there is a dark footer section. It includes the EduHas logo, social media icons for Facebook, YouTube, Instagram, and Twitter, and a "Copyright© 2021 DROS, Designed by Beeharry Taajuddin" link. On the right side of the footer, there are "QUICK LINKS" (VIEW TUTORS, VIEW STUDENTS, VIEW COURSES, MANAGE COURSES) and "POPULAR COURSES" sections, each with a thumbnail image and a course title.

Figure 106 - Form Grade

Figure 106 shows a long screenshot of managing grade form and only admin can control that. Moreover, as we can see there is a button 'add grade' where admin can add a grade name and can also can select a grade from the grid view for updating.

	Grade Name
Select	Grade One
Select	Grade Two
Select	Grade Three

Figure 107 - Form Grade Filled

Figure 107 shows that the admin has entered a grade name.

	Grade Name
Select	Grade Five
1	
2	

Figure 108 - Form Grade Successfully Filled

After clicking on the button add grade, a message will appear that you have successfully added a grade and at the same time, the added grade will appear in the grid view instantly as shown in figure 108.

	Grade_Id	Grade_Name
1	Grade One	
2	Grade Two	
3	Grade Three	
8	Grade Five	
5	NULL	

Figure 109 - Grade Database Record

Figure 109 shows the table grade where the grade name has successfully recorded.

Grade Name*

UPDATE **CLEAR ALL**

	Grade Name
Select	Grade Five
1	2

Figure 110 - Selecting grade

When selecting a grade from the grid view, the add button will disappear as visible is false and 'update and clear' button will appear as visible is true as shown in figure 110.

ADMIN || Manage Grade

localhost:44313/admin/managegrade

+230 5926 4093 eduhas@info.com

localhost:44313 says

Welcome Admin Taajuddin

EduHas

OK Cancel

MANAGE GRADES STATS LOG OUT

MANAGE GRADES

Home > Manage Grades

Grade Name*

UPDATE **CLEAR ALL**

	Grade Name
Select	Grade Five
1	2

Figure 111 - Updating grade

Figure 111 shows when admin is trying to update a grade, a pop up will appear for confirmation.

The screenshot shows a web page with a form for adding a grade. On the left, there is a text input field labeled "Grade Name*" containing "Grade Four". Below the input field is a red button labeled "ADD GRADE". To the right of the input field, a green message says "Grade Four grade updated successfully!". On the far right, there is a grid view table with two columns: "Grade Name" and "Select". The first row shows "Grade Four" in the "Grade Name" column and a red "Select" button in the "Select" column. Below the grid, there are two small numbers: "1" and "2".

Figure 112 - Updated grade

After updating a grade, a successful message will appear and the grade name on the grid view will change as shown in figure 112. Add button will appear again after updating.

The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface with a window titled "dbo.tblGrade [Data]". The table has two columns: "Grade_Id" and "Grade_Name". There are six rows of data. The fifth row, which corresponds to Grade Four, is highlighted with an orange border. An arrow points from the text in Figure 113 to this highlighted row.

	Grade_Id	Grade_Name
1		Grade One
2		Grade Two
3		Grade Three
8		Grade Four
	NULL	NULL

Figure 113 - Update Grade Database Record

Figure 113 shows that the grade name has been successfully updated.

The screenshot shows a web browser window for "ADMIN || Manage Grade" at "localhost:44313/admin/managegrade". The title bar says "localhost:44313 says Are you sure you want to clear the information?". The main content area is titled "MANAGE GRADES". On the left, there is a form with a text input field labeled "Grade Name*" containing "Grade Four", and two buttons: "UPDATE" and "CLEAR ALL". On the right, there is a grid view table with two columns: "Grade Name" and "Select". The first row shows "Grade Four" in the "Grade Name" column and a red "Select" button in the "Select" column. Below the grid, there are two small numbers: "1" and "2".

Figure 114 - Clear Grade Form

Figure 114 shows when the admin has clicked on the clear button, a pop up appears for confirmation.

F23. Admin stats: Viewing number of students/ tutors/ courses
(adminviewstudentLIST.aspx)

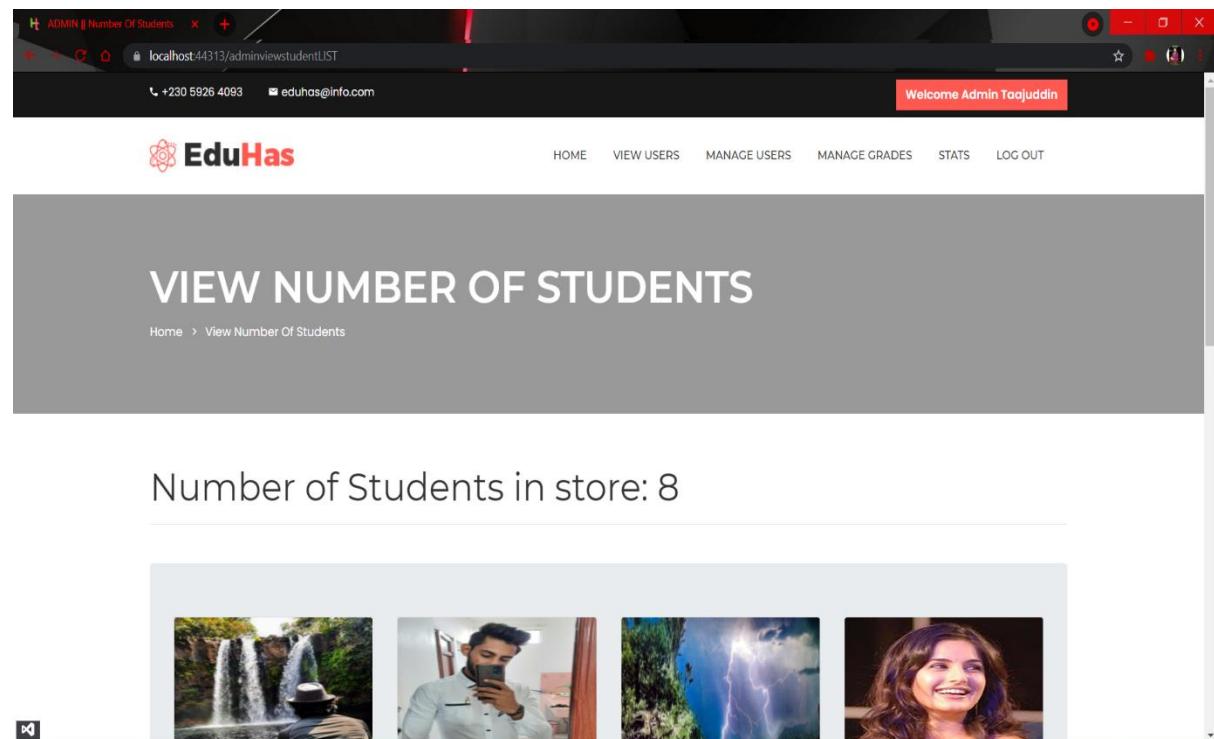


Figure 115 - URL adminviewstudentLIST

Figure 115 shows the localhost URL *adminviewstudentLIST.aspx* where admin can view the number of students.



VIEW NUMBER OF STUDENTS

Home > View Number Of Students

Number of Students in store: 8

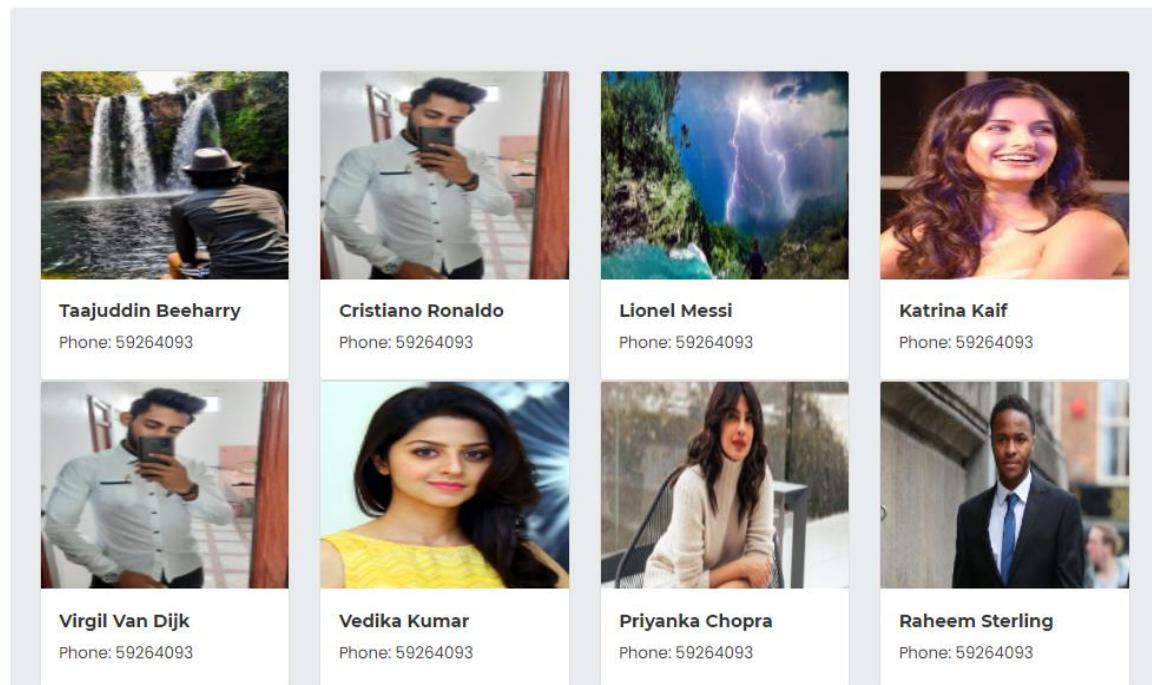


Figure 116 - Admin view Number of students

In figure 116, admin can view the number of students who has registered along with their image, name and phone.

(adminviewtutorLIST.aspx)

The screenshot shows a web browser window titled "ADMIN || Number Of Tutors". The URL in the address bar is "localhost:44313/adminviewtutorLIST". The page header includes a logo for "EduHas", a phone number "+230 5926 4093", an email "eduhas@info.com", and a welcome message "Welcome Admin Taqjuddin". Navigation links include "HOME", "VIEW USERS", "MANAGE USERS", "MANAGE GRADES", "STATS", and "LOG OUT". The main content area has a dark grey header with the title "VIEW NUMBER OF TUTORS". Below it, a breadcrumb navigation shows "Home > View Number Of Tutors". The main content displays the text "Number of Tutors in store: 9". Below this text are four small profile pictures of individuals.

Figure 117 - URL *adminviewtutorLIST*

Figure 117 shows the localhost URL *adminviewtutorLIST.aspx* where admin can view the number of tutors.

VIEW NUMBER OF TUTORS

Home > View Number Of Tutors

Number of Tutors in store: 9

 <p>Taajuddin Beeharry Phone: 59264093</p>	 <p>Jameel Koodruth Phone: 59264093</p>	 <p>Hrithik Jugoo Phone: 59264093</p>	 <p>Katrina Kaif Phone: 59264093</p>
 <p>John Smith Phone: 59264093</p>	 <p>Wayne Rooney Phone: 59264093</p>	 <p>Salman Khan Phone: 59264093</p>	 <p>Shah Rukh Khan Phone: 59264093</p>
 <p>Kane Harry Phone: 59264093</p>			

Figure 118 - Admin view Number of tutors

In figure 118, admin can view the number of tutors who has registered along with their image, name and phone.

(Adminviewcourses.aspx)

The screenshot shows a web browser window for 'ADMIN || View Courses' at 'localhost:44313/adminviewcourses'. The header includes a phone number '+230 5926 4093' and an email 'eduhas@info.com'. A red banner at the top right says 'Welcome Admin Taajuddin'. The main navigation menu has links for 'HOME', 'VIEW USERS', 'MANAGE USERS', 'MANAGE GRADES', 'STATS', and 'LOG OUT'. The title 'VIEW COURSES' is displayed prominently. Below it, a breadcrumb trail shows 'Home > View Courses'. The main content area displays the message 'Number of Courses in store: 8'. Below this, there is a horizontal scrollable list of course thumbnails. The first thumbnail shows a person with a flowchart overlay. The next two thumbnails are for 'COMPUTER SCIENCE' courses, featuring a girl with a hood and a futuristic cityscape background respectively. The last thumbnail is another 'COMPUTER SCIENCE' course thumbnail.

Number of Courses in store: 8

Figure 119 - URL *adminviewcourses.aspx*

Figure 119 shows the localhost URL *adminviewcourses.aspx* where admin can view the number of courses.



VIEW COURSES

Home > View Courses

Number of Courses in store: 8

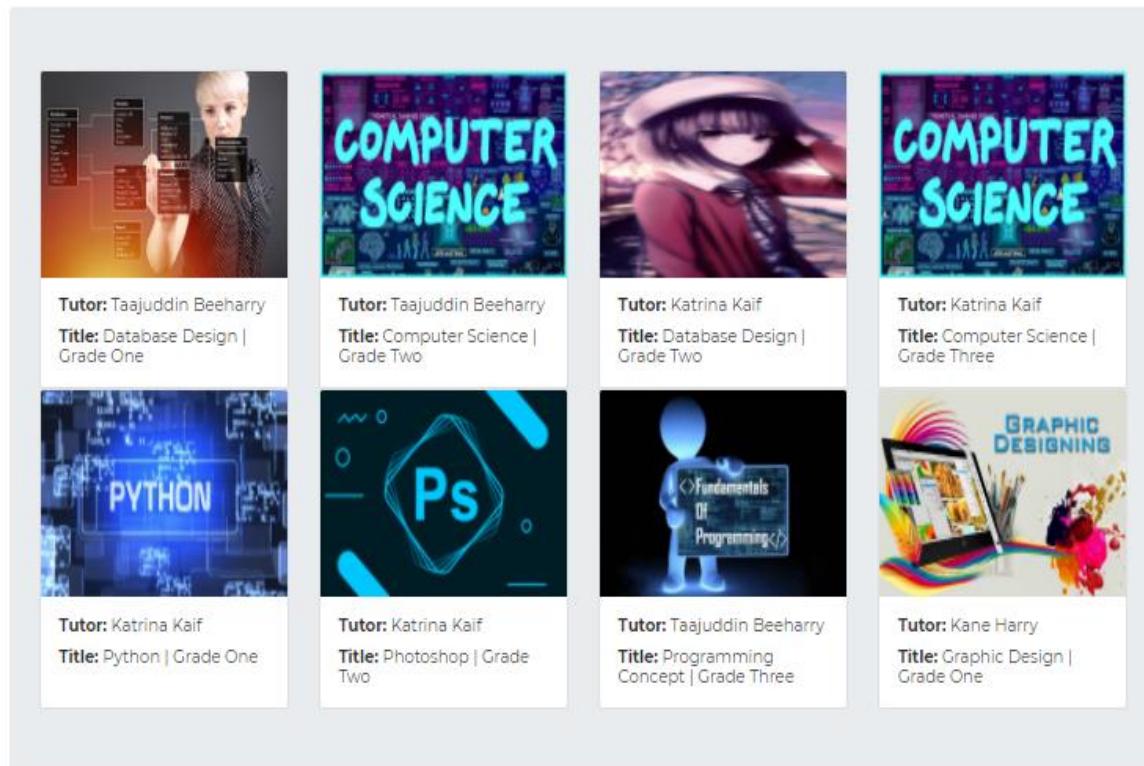


Figure 120 - Admin view Number of courses

In figure 120, admin can view the number of courses with their respective names which was uploaded by tutors.

F24. Student/ Tutor/ Admin log in (studlogin.aspx)

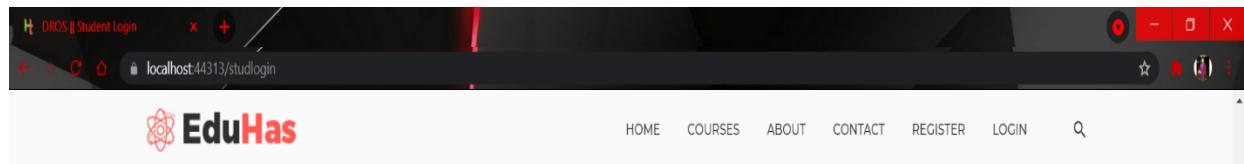


Figure 121 - URL studlogin

Figure 121 shows the localhost URL *studlogin.aspx* where student has to log in.

A screenshot of the 'Student Login Form'. The form contains two input fields: one for the username ('taajb') and one for the password ('.....'). Below the password field is a 'Remember me' checkbox which is checked. To the right of the checkbox is a 'Forgot Password?' link. A large red 'Login' button is at the bottom left of the form. Below the form, there is a link to 'Register'.

Figure 122 - Student Login Form Filled

Figure 122 shows where a student has entered his username and password.



Figure 123 - Student Successfully Login

As you can see the student has successfully log in and he has been redirected to `studenthome.aspx` (student homepage) and also a greeting message appear as shown in figure 123.

A screenshot of the 'Student Login Form'. It features two input fields: one for 'Username' containing 'taajb' and another for 'Password'. Below the password field is a checkbox labeled 'Remember me' which is checked. To the right of the checkbox is a link 'Forgot Password?'. A large red button at the bottom is labeled 'Login'. At the bottom of the form, there is a link 'Register' for users who don't have a local account.

Figure 124 - Student Login Cookies

The username of the student is still appearing in the textbox after logging out because he has put a tick in the checkbox 'remember me' as shown in figure 124 before log in.

Student Login Form

taajb

Password

Remember me [Forgot Password?](#)

[Login](#)

You are not registered or your account has been suspended!
[Register](#) if you don't have a local account.

Figure 125 - Student Wrong password

When a student entered a wrong password, a message will appear as shown in figure 125.

(tutorlogin.aspx)

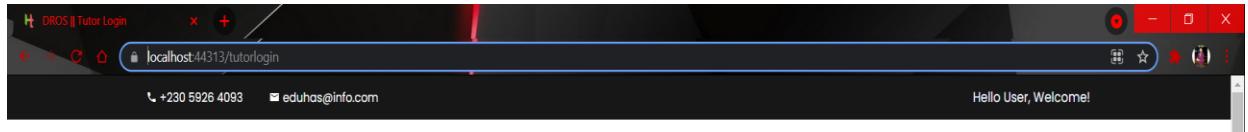


Figure 126 - URL *tutorlogin*

Figure 126 shows the localhost URL *tutorlogin.aspx* where tutor has to log in.

A screenshot of the 'Tutor Login Form' page. It features a large title 'Tutor Login Form' at the top. Below it are two input fields: one for 'Username' containing 'taajuddinb' and another for 'Password' containing '*****'. There is a 'Remember me' checkbox checked and a 'Forgot Password?' link. A prominent red 'Login' button is centered below the inputs. At the bottom of the form, there is a link to 'Register'.

Figure 127 - Tutor Login Form Filled

Figure 127 shows where a tutor has entered his username and password.

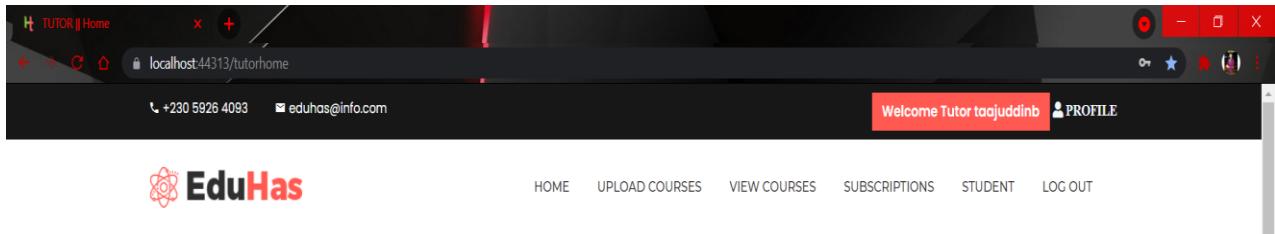


Figure 128 - Tutor Successfully Login

As you can see the tutor has successfully log in and he has been redirected to *tutorhome.aspx* (tutor homepage) and also a greeting message appear as shown in figure 128.

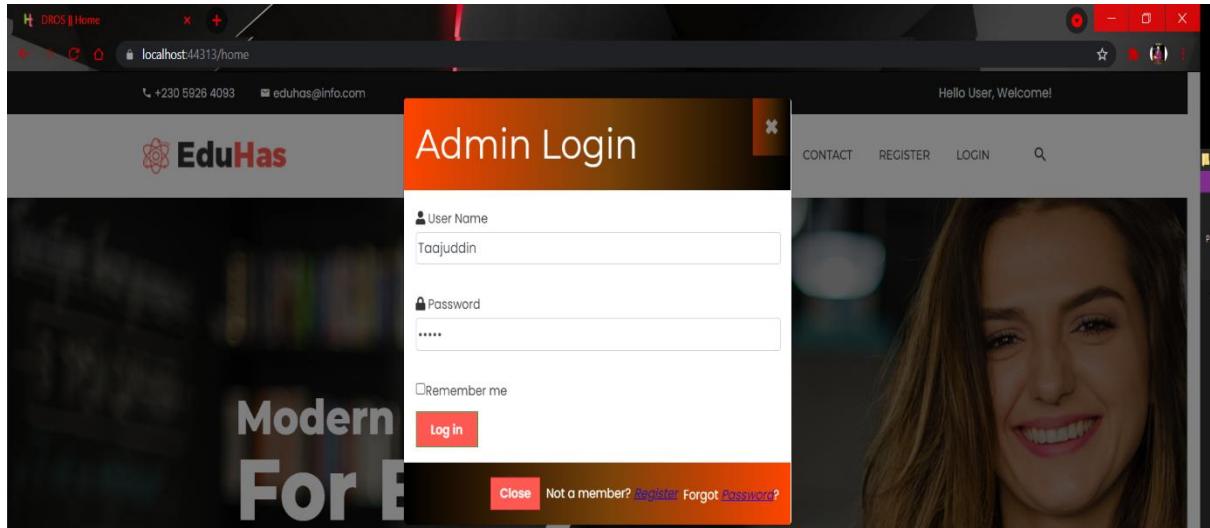


Figure 129 - Admin Login with cookies

Figure 129 shows the admin form. As we can see the username and password are already there because when the admin log in, he put a tick on the checkbox remember me.

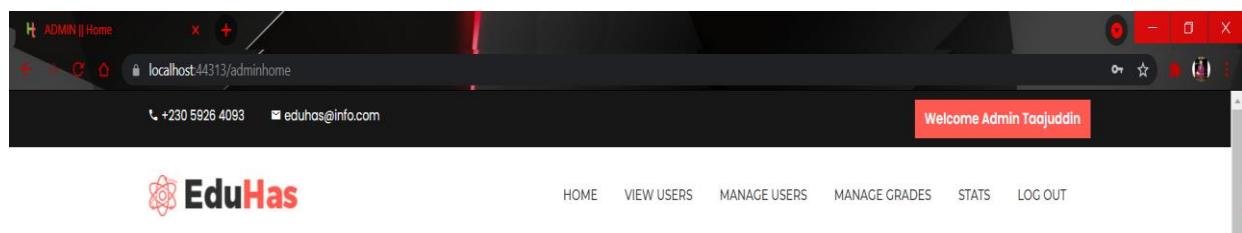


Figure 130 - Admin successfully Login

As you can see the admin has successfully log in and he has been redirected to *adminhome.aspx* (admin homepage) and also a greeting message appear as shown in figure 130.

F25. No access to course materials where students are not subscribed (studcourses.aspx)

Search for courses by Grade and Course Title

Filter by Grade **Search Course**

Type here...

Database Design

Tutor: Toqujuddin Beohary
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: hu
Grade: Grade One

Subscribe **View Material**

Computer Science

Tutor: Toqujuddin Beohary
Course Aim: The aim is to provide students with a thorough grounding in the theoretical and practical aspects of the computer science
Course Description: Computer science is the study of algorithmic processes, computational machines and computation itself. As a discipline, computer science spans a range of topics from theoretical studies of algorithms, computation and information to the practical issues of implementing computational systems in hardware and software. Its fields can be divided into theoretical and practical disciplines.
Grade: Grade Two

Subscribe **View Material**

Database Design

Tutor: Katrina Kall
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: wsfeww
Grade: Grade Two

Subscribe **View Material**

Computer Science

Tutor: Katrina Kall
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: hawhrk88
Grade: Grade Three

Subscribe **View Material**

Python

Tutor: Katrina Kall
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: wrjdflhgof
Grade: Grade One

Subscribe **View Material**

Photoshop

Tutor: Katrina Kall
Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems
Course Description: erhgdfad
Grade: Grade Two

Subscribe **View Material**

Programming Concept

Tutor: Toqujuddin Beohary
Course Aim: Perform problem analysis to develop solutions to solve problems and translate the solution into C++ code
Course Description: A study of basic programming constructs, techniques and fundamental control structures. Emphasis is on Object Oriented and modular programming. Coverage includes data types, functions, arrays and pointers. The course examines problem analysis, decomposition and modern programming paradigms and methodologies.
Grade: Grade Three

Subscribe **View Material**

Graphic Design

Tutor: Kone Nony
Course Aim: The role is to illustrate and communicate messages with words, typography and imagery to communicate meaning, hopefully uniquely.
Course Description: Graphic designers create visual communications to convey messages in an effective and aesthetically pleasing manner. This incorporates several tasks and responsibilities. Examples: design web pages, brochures, logos, signs, books, magazine covers, annual reports, advertisements, and other communication materials.
Grade: Grade One

Subscribe **View Material**

Figure 131 - Access material1

Database Design

Tutor: Taajuddin Beeharry

Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems

Course Description: hu

Grade: Grade One

[Subscribe](#)

[View Material](#)

Computer Science

Tutor: Taajuddin Beeharry

Course Aim: The aim is to provide students with a thorough grounding in the theoretical and practical aspects of the computer science

Course Description: Computer science is the study of algorithmic processes, computational machines and computation itself. As a discipline, computer science spans a range of topics from theoretical studies of algorithms, computation and information to the practical issues of implementing computational systems in hardware and software. Its fields can be divided into theoretical and practical disciplines.

Grade: Grade Two

[Subscribe](#)

[View Material](#)

Figure 132 - Access material2

Python

Tutor: Katrina Kaif

Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems

Course Description: ewrjdtfhgaf

Grade: Grade One

[Subscribe](#)

[View Material](#)

Photoshop

Tutor: Katrina Kaif

Course Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems

Course Description: erhgdfsad

Grade: Grade Two

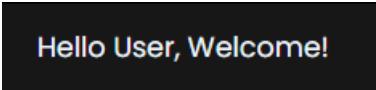
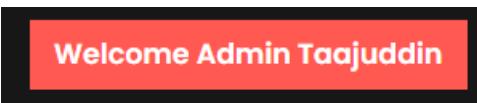
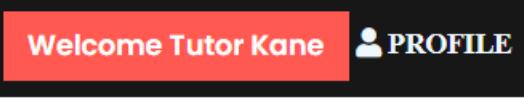
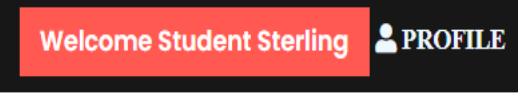
[Subscribe](#)

[View Material](#)

Figure 133 - Access material3

In figure 131, 132 and 133 show that once a student has subscribed for a course, the subscribe button will disable as an 'if else' statement has been used and subscribe button enabled is equal to false. As we can see the view material button enabled is false at first also. An 'if else' statement has been used to check whether the tutors has approved the status of subscription. If yes, then the view material button is set to active and student can click on the view material button to view the materials uploaded for the course.

F26. Use of session to track users: custom message to greet user

 <p>Figure 134 - Guest greeting message</p> <p>The code in figure 135 was used so as the message would display as shown in figure 134 before any user registered.</p>	<pre><div class="user"> Hello User, Welcome! </div></pre> <p>Figure 135 - Guest greeting code</p>
 <p>Figure 136 - Admin greeting message</p>	<pre>//verify if session unusername is not null if (Session["unm"] != null) { lblgged.CssClass = "btn btn-outline text-white"; lblgged.Text = "Welcome Admin " + Session["unm"]; }</pre> <p>Figure 137 - Admin greeting code</p>
 <p>Figure 138 - Tutor greeting message</p>	<pre>//verify if session unusername is not null if (Session["uname"] != null) { lblgged.CssClass = "btn btn-outline text-white"; lblgged.Text = "Welcome Tutor " + Session["uname"]; }</pre> <p>Figure 139 - Tutor greeting message</p>
 <p>Figure 140 - Student greeting message</p> <p>Figure 137, 139 and 141 have been used in code behind as when the user logged in, the greeting message would appear.</p>	<pre>//verify if session unusername is not null if (Session["usname"] != null) { lblgged.CssClass = "btn btn-outline text-white"; lblgged.Text = "Welcome Student " + Session["usname"]; }</pre> <p>Figure 141 - Student greeting code</p>

F27. Appropriate sign out measures

```
0 references
protected void LinkBtnlgout_Click(object sender, EventArgs e)
{
    lgout();
}

1 reference
void lgout()
{
    if (Session["unm"] != null || Session["Username"] != null)
    {
        //Remove all session
        Session.RemoveAll();
        //Destroy all Session objects
        Session.Abandon();
        //Redirect to homepage or login page
        Response.Redirect("~/home");
    }
}
```

Figure 142 - Appropriate Admin Sign out

Figure 142 shows an appropriate log out measure where once the admin clicked on the log out, all the session will be destroyed.

```
0 references
protected void LinkBtnlgout_Click(object sender, EventArgs e)
{
    lgout();
}

1 reference
void lgout()
{
    if (Session["usname"] != null || Session["Username"] != null)
    {
        //Remove all session
        Session.RemoveAll();
        //Destroy all Session objects
        Session.Abandon();
        //Redirect to homepage or login page
        Response.Redirect("~/home");
    }
}
```

Figure 143 - Appropriate Student Sign out

Figure 143 shows an appropriate log out measure where once the student click on the log out, all the session will be destroyed.

```
0 references
protected void LinkBtngout_Click(object sender, EventArgs e)
{
    lgout();
}

1 reference
void lgout()
{
    if (Session["uname"] != null || Session["Username"] != null)
    {
        //Remove all session
        Session.RemoveAll();
        //Destroy all Session objects
        Session.Abandon();
        //Redirect to homepage or login page
        Response.Redirect("~/home");
    }
}
```

Figure 144 - Appropriate Tutor Sign out

Figure 144 shows an appropriate log out measure where once the tutor click on the log out, all the session will be destroyed.

F28. Displaying dynamic advertisements on the site

List of Courses

Select Grade

Search

	Database Design Grade One Tutor: Taajuddin Beeharry Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems		Computer Science Grade Two Tutor: Taajuddin Beeharry Aim: The aim is to provide students with a thorough grounding in the theoretical and practical aspects of the computer science
	Database Design Grade Two Tutor: Katrina Kaif Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems		Computer Science Grade Three Tutor: Katrina Kaif Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems

First Previous 1 2 Next Last

Figure 145 - Dynamic advertisements1

Figure 145 shows that the courses uploaded by tutors are displayed on the *home.aspx* (home page). In case a tutor removes his course, the course will automatically be removed from the home page also.

OUR TEAM

OUR TUTORS

	Taajuddin Beeharry Email: taajuddin@gmail.mu		Jameel Koodruth Email: jameel@gmail.com
	Hrithik Jugoo Email: Hrithik@yahoo.com		Katrina Kaif Email: katrina@hotmail.com

Figure 146 - Dynamic advertisements2

Figure 146 shows only first four tutors who have registered and the information is display on the *home.aspx* (home page).

**WELCOME TO EDUCATION
OUR TUTORS**



Taajuddin Beeharry
Phone: 59264093



Jameel Koodruth
Phone: 59264093



Hrithik Jugoo
Phone: 59264093



Katrina Kaif
Phone: 59264093

**WELCOME TO EDUCATION
OUR STUDENTS**



Taajuddin Beeharry
Phone: 59264093



Cristiano Ronaldo
Phone: 59264093



Lionel Messi
Phone: 59264093



Katrina Kaif
Phone: 59264093

**WHY CHOOSE US
MOST POPULAR COURSES**



List of Courses

Select Grade

Search...

Database Design | Grade One
Tutor: Taajuddin Beeharry
Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems

Computer Science | Grade Two
Tutor: Taajuddin Beeharry
Aim: The aim is to provide students with a thorough grounding in the theoretical and practical aspects of the computer science

Database Design | Grade Two
Tutor: Katrina Kaif
Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems

Computer Science | Grade Three
Tutor: Katrina Kaif
Aim: This course defined as a collection of steps that help with designing, creating, implementing and maintaining a management systems

First Previous 1 2 Next Last

Figure 147 - Dynamic advertisements3

Figure 148 shows only first 4 tutors, students who have registered and also the first four courses uploaded and the information is displayed on the *adminhome.aspx* (admin home page).

WELCOME TO EDUCATION
OUR STUDENTS



Taajuddin Beeharry

Phone: 59264093



Cristiano Ronaldo

Phone: 59264093



Lionel Messi

Phone: 59264093



Katrina Kaif

Phone: 59264093

Figure 148 - Dynamic advertisements4

Figure 147 shows only first four students who have registered and the information is displayed on the *tutorhome.aspx* (tutor home page).

Bugs

- When uploading a material without selecting the material type, the system will crash.

Weaknesses

- Due to the usage of tables, some pages in the application are not entirely responsive.

Special Strength

.ascx files

User control was used for the admin login (*adminlogin.ascx*).

sql injection prevention

For security issues, sql injection protection was implemented in all forms to prevent hackers from gaining access to the database.

Data table

For the admin to search for a certain user only who has registered, a data table was utilized to present a list of the users and can also freeze/unfreeze their account. (*adminblocktutors.aspx*, *adminblockstudents.aspx*, *adminUNblocktutors.aspx*, *adminUNblockstudents.aspx*).

Encryption

Encryption was implemented to encrypt user's password when he or she registered.

Email notification

When the user's registration is done, they will receive an email with their respective picture about whether the registration process has been successful.

Cookies

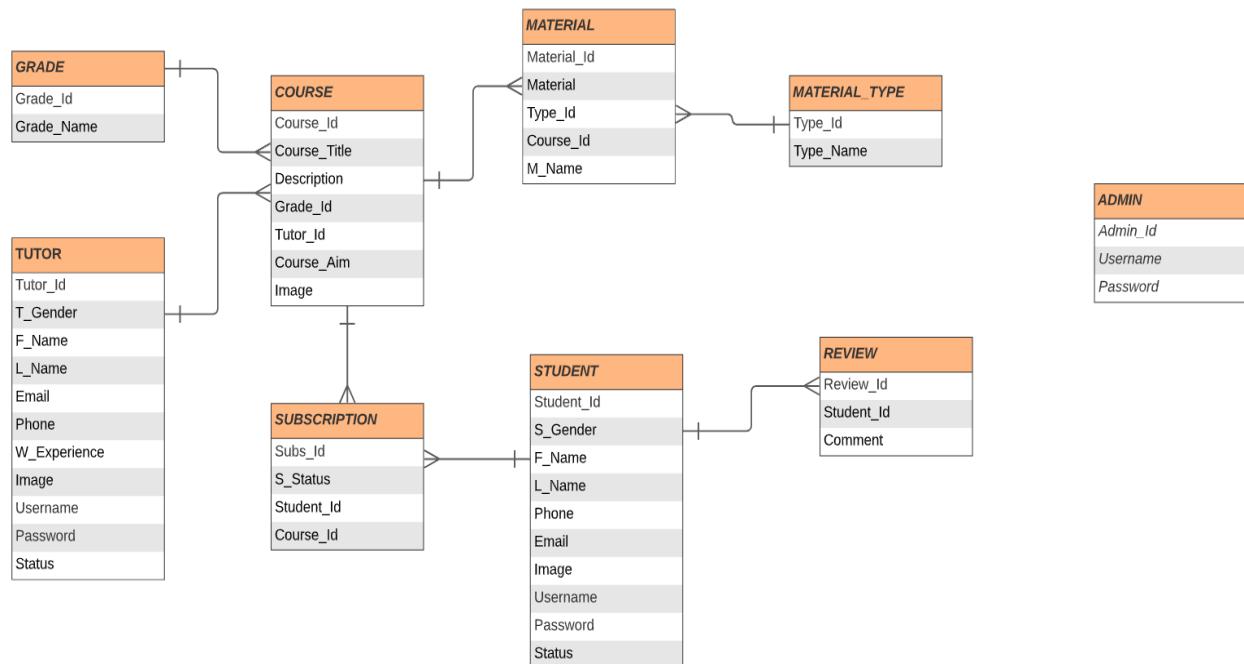
Cookies have been used so that when admin or student logs in, they activate the tick on “checkbox remember me”, and whenever they logout and re log in, their username will already appear and they need to re put the tick without the need of re insert their username.

Data dictionary

DROS (Digital Repository Online System)				
TABLE NAME	COLUMN NAME	DATA TYPE	FIELD SIZE	CONSTRAINT
Admin	Admin_Id	INT		PK
	Username	VARCHAR	50	
	Password	VARCHAR	50	
Tutor	Tutor_Id	INT		PK
	T_Gender	CHAR	10	
	F_Name	VARCHAR	50	
	L_Name	VARCHAR	50	
	Email	VARCHAR	50	
	Phone	VARCHAR	50	
	W_Experience	VARCHAR	MAX	
	Image	VARCHAR	MAX	
	Username	VARCHAR	50	
	Password	VARCHAR	50	
Student	Status	BIT		
	Student_Id	INT		PK
	S_Gender	CHAR	10	
	F_Name	VARCHAR	50	
	L_Name	VARCHAR	50	
	Phone	VARCHAR	50	
	Email	VARCHAR	50	
	Image	VARCHAR	MAX	
	Username	VARCHAR	50	
	Password	VARCHAR	50	
Grade	Status	BIT		
	Grade_Id	INT		PK
	Grade_Name	VARCHAR	40	
Material_Type	Type_Id	INT		PK
	Type_Name	CHAR	10	
Course	Course_Id	INT		PK
	Course_Title	VARCHAR	50	
	Description	VARCHAR	MAX	
	Grade_Id	INT		FK
	Tutor_Id	INT		FK
	Course_Aim	VARCHAR	MAX	
	Image	VARCHAR	MAX	

Material	Material_Id	INT		PK
	Material	VARCHAR	MAX	
	Type_Id	INT		FK
	Course_Id	INT		FK
	M_Name	VARCHAR	MAX	
Subscription	Subs_Id	INT		PK
	S_Status	VARCHAR	50	
	Student_Id	INT		FK
	Course_Id	INT		FK
Review	Review_Id	INT		PK
	Student_Id	INT		FK
	Comment	VARCHAR	MAX	

ERD



User credentials

Role: Tutor
User name: taajuddinb
Password: beeharryt
URL: tutorhome.aspx
Status: True

Role: Tutor
User name: Katrina
Password: test123
URL: tutorhome.aspx
Status: True

Role: Tutor User name: Salman Password: test123 URL: tutorhome.aspx Status: <i>False</i>	Role: Tutor User name: Kane Password: test123 URL: tutorhome.aspx Status: <i>True</i>
Role: Student User name: taajb Password: taajuddin16 URL: studenthome.aspx Status: <i>True</i>	Role: Student User name: Katrina Password: test123 URL: studenthome.aspx Status: <i>False</i>
Role: Student User name: Sterling Password: test123 URL: studenthome.aspx Status: <i>True</i>	Role: Student User name: Priyanka Password: test123 URL: studenthome.aspx Status: <i>True</i>
Role: ADMIN User name: Taajuddin Password: admin URL: adminhome.aspx	

Configuration settings in web.config

```

<connectionStrings>
    <add name="DroSCS"
        connectionString="Data Source=(LocalDb)\MSSQLLocalDB;
        AttachDbFilename=|DataDirectory|\drosDB.mdf;
        Integrated Security=True"
        providerName="System.Data.SqlClient"/>
</connectionStrings>

```

Figure 149 - ConnectionString Configuration

Figure 149 shows the connection string which was added in the Web.config.

User credentials for LabTask

Role: User User name: Taajuddin Password: beeharry16 Status: <i>True</i>	Role: Sub Admin User name: admin Password: admin
---	---