

Module Name: Internet Programming II

Module Code: WAT2117C

Cohort: BCNS/ 19A/ FT

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Student ID: 1903_16737

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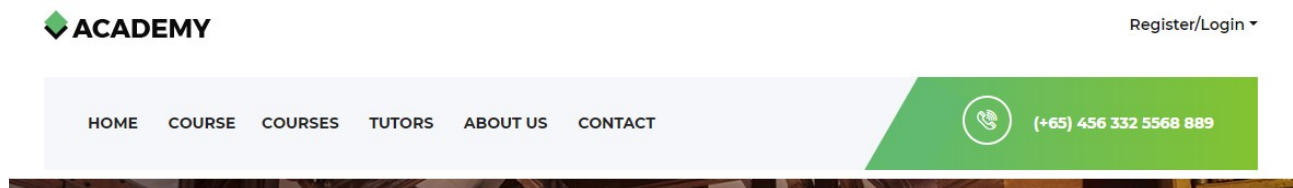
How the application run

first of all for the admin the dbmanager should manually input the credentials.

| | AdminId | FirstName | LastName | ProfilePictureUrl | Address | BirthDate | PhoneNumber | Email | UserName | Password | Freeze |
|----|---------|-----------|----------|-------------------|-----------|------------|-------------|------------------|----------|----------|--------|
| | 1 | Arouven | Poolian | 1.png | Mauritius | 09/09/2000 | 57777777 | aroupoolian@g... | Arouven | 1234 | False |
| bo | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

Admin

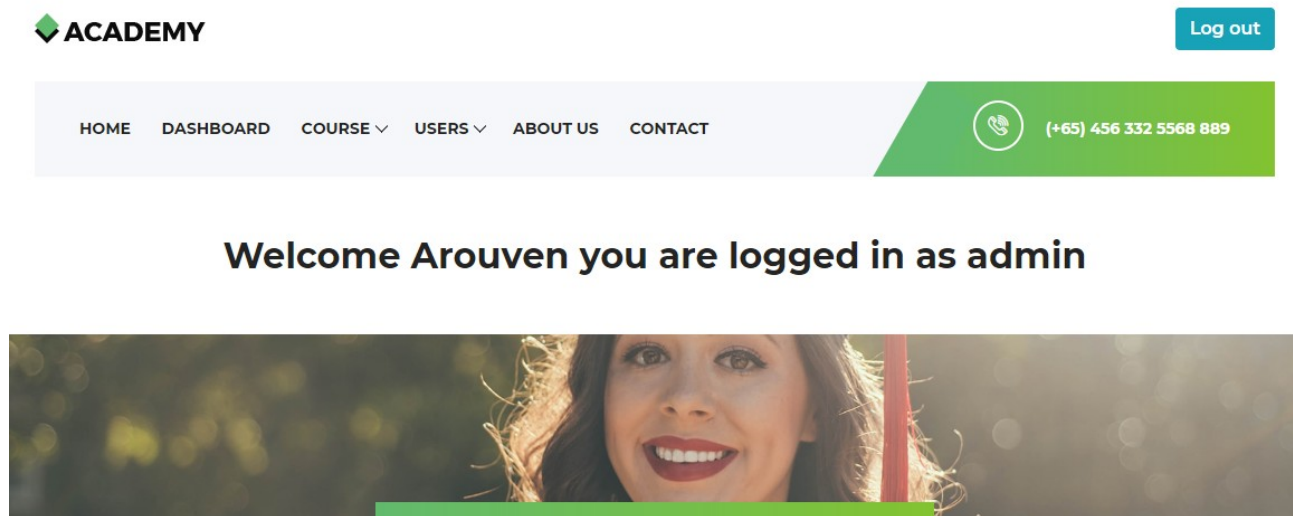
Admin Login

The image shows the 'Admin Login' form. It has a title 'Admin Login' at the top. Below the title are two input fields: the first contains the text 'Arouven', and the second contains masked characters '....' with an eye icon to its right. Below these fields is a green 'LOGIN' button. Under the button is a checkbox labeled 'Remember me?' which is checked. At the bottom of the form is a link that says 'Forgot Password?'.

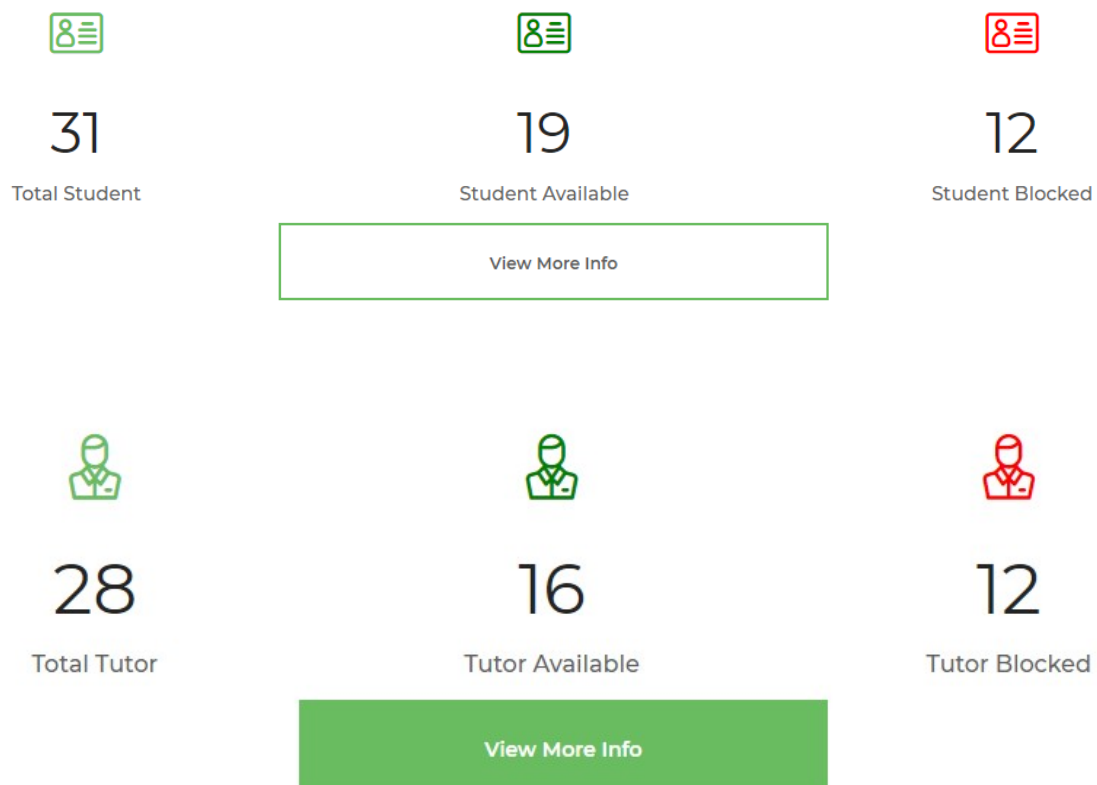
In the login if the remember me checked, the use of cookies will keep the username and password for 100 days

Admin Dashboard

After successful login, the admin will be redirect to the dashboard where he/she will be greet. And the navbar will change dynamically according to the user role.



On this page he/she will be able to see statistics as well





97

Total Courses



5

Total Categories

[View More Info](#)



4

Total Materials

[View More Info](#)



97

Courses Available



28

Amazing Teachers



31

Total Students

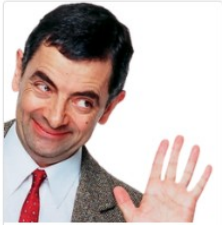
Search Student

By clicking on the student section view more button or navbar users students, the admin can perform advance search as per freeze or unfreeze, or by typing the name.


List of Students

Select Category ▼


Search...



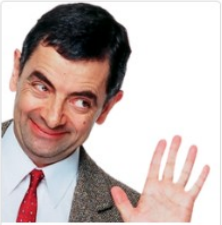
Brian
[Details](#)




Emmanuel
[Details](#)



Debra
[Details](#)



Fletcher
[Details](#)



Cedric
[Details](#)

Freeze/unfreeze, delete, reset password

To perform operations such as freeze/unfreeze, delete or reset password the details button is clicked.

Register as Student



Username : Cedric

First Name : Hayes

Last Name : Oleg

Address : P.O. Box 122, 3568 Pede. Av.

Birth Date : 27/01/2000 (DD/MM/YYYY)

Phone Number : 41093984

Email : magna@loremloremluctus.edu

Freeze : ☒

Back

Unfreeze

Delete

Reset Password

The same applies to tutors.

Crud course category

The admin can add update delete any course category

HOME

DASHBOARD

COURSE ▾

USERS ▾

ABOUT US

CONTACT

📞

(+65) 456 332 5568 889

CATEGORY

MATERIAL TYPE

Of Courses Category

Show ▾ entries

Search:

| Category Name | Action |
|-------------------------|-------------------------------------|
| Artificial Intelligence | <div><div>🗑</div><div>✎</div></div> |
| Database | <div><div>🗑</div><div>✎</div></div> |
| Networking | <div><div>🗑</div><div>✎</div></div> |
| Programming | <div><div>🗑</div><div>✎</div></div> |
| Web | <div><div>🗑</div><div>✎</div></div> |

Showing 1 to 5 of 5 entries

Previous

1

Next

Add +

An additional feature would be the use of webservice and ajax to give the message

Add Category

Add New Category

programming

programming already in use

ADD CATEGORY

Add Category

Add New Category

programming1

programming1 available







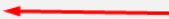




ADD CATEGORY

The same message applies for update.

And for delete its the trash icon

Show entries

Search:

| Category Name | Action |
|--------------------------|---|
| Artificial Intelligence1 |   |
| Database |   |
| mmmm |    |
| Networking |   |
| Programming |   |

Showing 1 to 5 of 6 entries

Previous 1 2 Next

Add +









Crud MaterialType

The admin can also perform crud operation on the materialtype too(same format as course category)

List Of Material Type

Show entries

Search:

| Material Name | Action |
|---------------|---|
| Assignment |   |
| Linkssss |   |
| Notes |   |
| Syllabus |   |

Showing 1 to 4 of 4 entries

Previous 1 Next

Add +

Tutor

Register a tutor

As soon as you click the radio tutor you will have to insert your certification to proceed which will appear as you click.

pkanaksabee@umail.utm.ac.mu

57777777

15/08/2002

Upload picture

Choose File

No file chosen

☒Remember me?

☐Student

☒Tutor

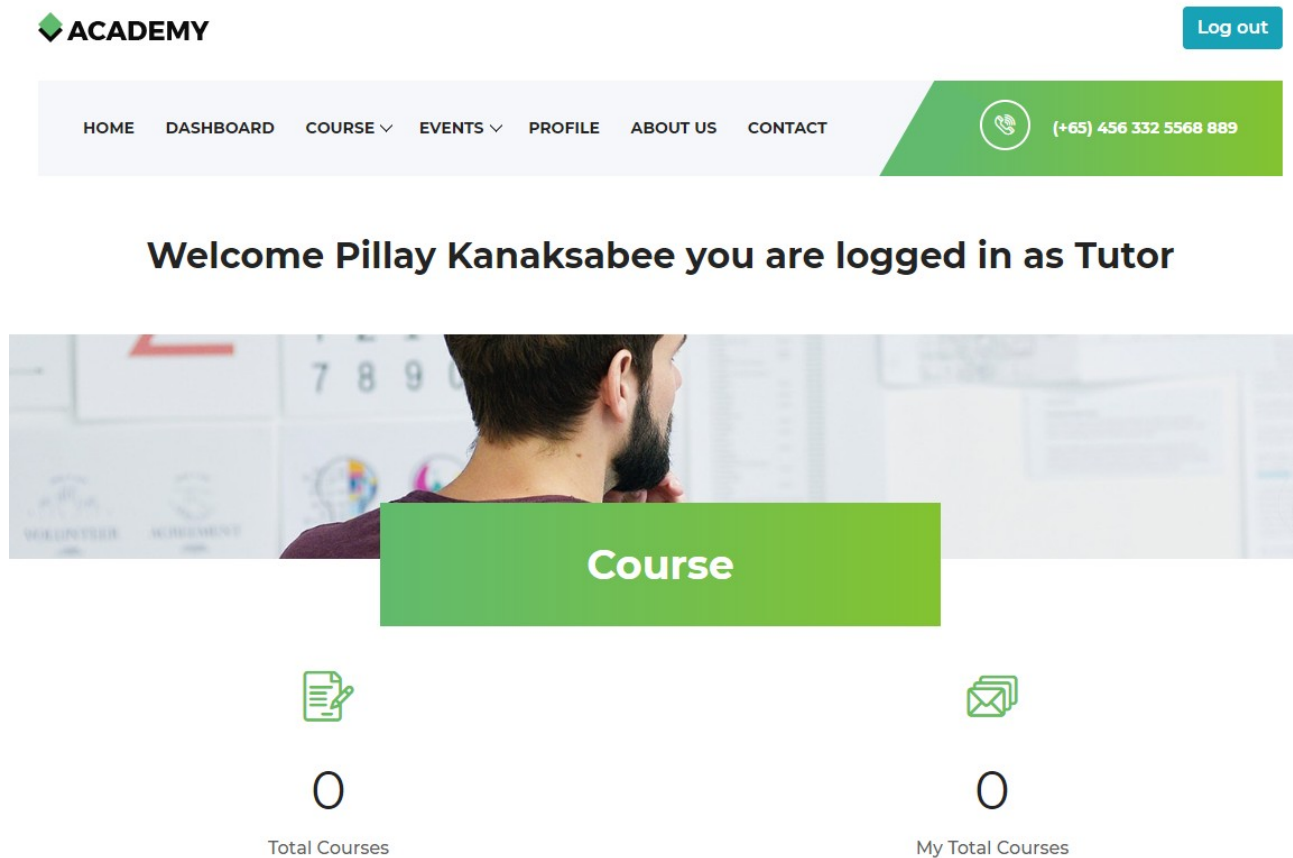
Certification

REGISTER

^

Welcome user

You are now welcome with a different navbar and interfaces.



You can now perform crud ops on course, and event and edit your profile

View Profile

Pillay Kanaksabee



User Name : Pillay Kanaksabee
First Name : Pillay
Last Name : Kanaksabee
Date of Birth : 15/08/2002
Address : Mauritius
Phone : 57777777
Email : pkanaksabee@umail.utm.ac.mu

Show entries

Search:

| Certification Name | Action |
|--------------------|---|
| Web Technologies |  |

Showing 1 to 1 of 1 entries

Previous Next

New Certificate :

Add Certification



Update Profile

This page allow you to add new certifications, delete them, and update the profile

Adding new certification

Show entries

Search:

| Certification Name | Action |
|--------------------|---|
| Web Technologies |  |

Showing 1 to 1 of 1 entries

Previous 1 Next

New Certificate :



Add Certification

Software Engineer available

As you click on add certification button, it is added and updated

Show entries

Search:

| Certification Name | Action |
|--------------------|---|
| Software Engineer |  |
| Web Technologies |  |

Showing 1 to 2 of 2 entries

Previous 1 Next

New Certificate :

Add Certification

Update Profile

Updating the profile

57777777

15/08/2002



Upload picture

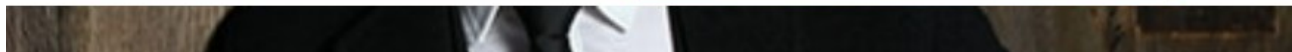
Choose File No file chosen

if there is nothing your old picture will be taken

UPDATE

The page register and update profile contain both server and client side validation

Adding a course



Course Name :

Aspx

Course Category :

- ☐ Networking
- ☒ Database
- ☒ Web
- ☒ Programming
- ☐ Artificial Intelligence

Schedule Date :

19/08/2020 00:04



Course Description :

That Was Hard

Aims And Objectives :

Website Building

Upload Materials :

Choose File

Week1.pdf

Assignment



Choose File

Week 1 - Lab.pdf

Notes



Add course

The validations on this page are:

course name > 3 character

at least 1 category




date > today

files sizes

List Of My Courses

Show entries

Search:

| Course Name | Date Schedule | Date Created | Action |
|-------------|---------------------|---------------------|---|
| Aspx | 19/08/2020 00:04:00 | 17/08/2020 00:09:18 |    |

Showing 1 to 1 of 1 entries

Previous 1 Next

Add +

the eye stands for viewing the course

View Course Created

Course Name : Aspx

Date Created : 17/08/2020 00:09:18

Date Schedule : 19/08/2020 00:04:00







Description : That Was Hard

Aims And Objectives : Website Building

Category Name : Database, Web, Programming

Show entries

Search:

| Material Name | Type | Action |
|------------------|------------|--|
| Week 1 - Lab.pdf | Notes |    |
| Week1.pdf | Assignment |    |

Showing 1 to 2 of 2 entries

Previous 1 Next

Upload Materials :

No file chosen

Select a material type



[Update Course](#)


[Add Material](#)

Update course

This page contain same validations on the create course

Course Name :

Course Category : ☐ Networking
☒ Database
☒ Web
☒ Programming
☐ Artificial Intelligence1

Schedule Date : 

Created Date :










Course Description :

Aims And Objectives :

Materials :

Show entries

Search:

| Material Name | Type | Action |
|---------------------|------------|---|
| Lab-create form.pdf | Assignment |    |
| Week1 - Lab.pdf | Notes |    |
| Week1.pdf | Assignment |    |

Showing 1 to 3 of 3 entries

Previous Next

Upload Materials :

No file chosen

Select a material type




[View Courses](#)

[Add Material](#)


My Student

Can view all students in all my courses the second part is for a specific course




0

Total Student



0

Student Pending



0

Student Rejected

Show entries

Search:


| Course Name | Date Schedule | Views |
|-------------|---------------------|---|
| Aspx | 19/08/2020 00:04:00 | <div>Statistics</div> <div>Students</div> |

Showing 1 to 1 of 1 entries

Previous


1

Next




0

Total Student




0

Student Pending



0

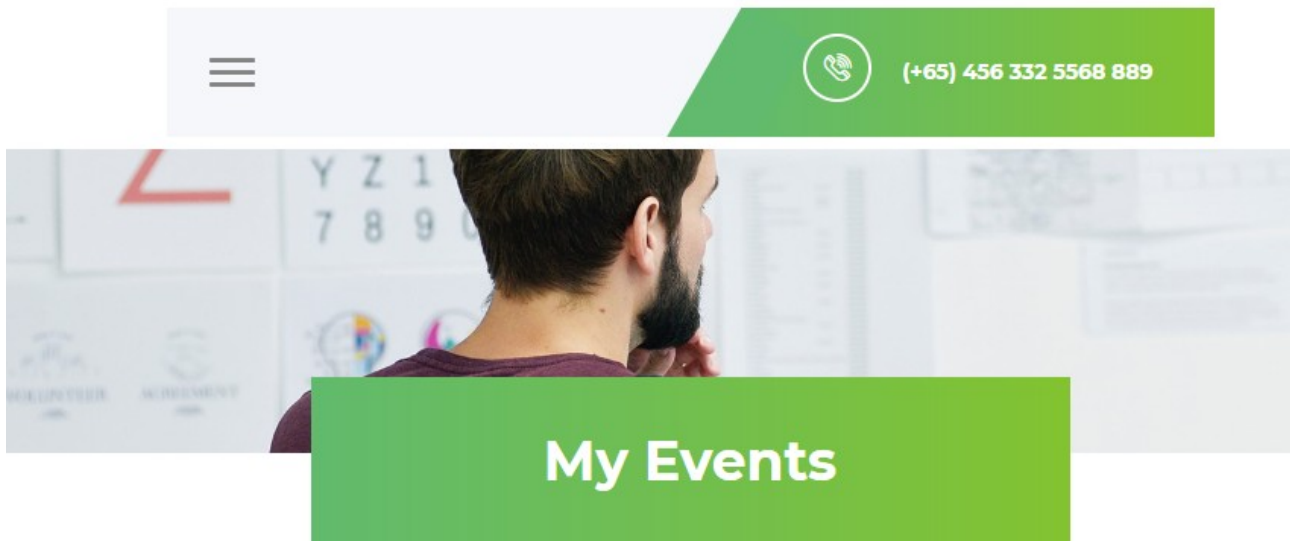
Student Rejected



19

My Events

Show all events created by the tutor



Add +

Adding New Event

Add New Event

Event Name :

Cofee Coding

Event Details :

Meet and code for a cofee shop - Free cofee

Location :

MorisKafe

Date Schedule :

21/08/2020 00:21



Add Event

After Adding Event

Print button will allow the tutor to print all events (if require to show supervisor)

My Events

Print Search:

| Event Name | Event Details | Location | Date Schedule | Date Created | Action |
|--------------|---|-----------|---------------------|---------------------|---|
| Cofee Coding | Meet and code for a cofee shop - Free cofee | MorisKafe | 21/08/2020 00:21:00 | 17/08/2020 00:22:39 |   |

Showing 1 to 1 of 1 entries Previous 1 Next

Add +

more tutors with credential:

Pillay Kanaksabee – 1234

Ajit Gopee - 1234

Tse Dudley-1234

Student

The register will be same as for the tutor apart from the certification

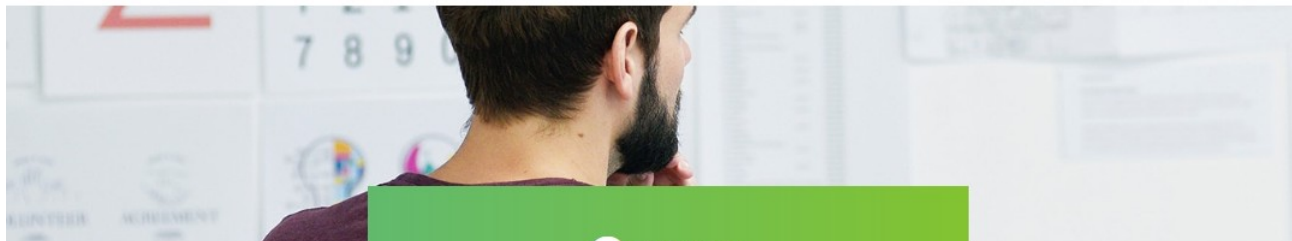
lavish saulick-1234

Harikeish Fowdur-1234

Pascal Stlouis-1234

Welcome

Welcome Lavish Saulick you are logged in as Student



Course

2

Total Courses

0

Sent Subscription

Search course/Category

Courses Available

List of Courses

Select Category ▼

Search...



Aspx

Aims and objectives:
Website Building

[Details](#)



Aspx

Aims and objectives:
Website Building

[Details](#)



Aspx

Aims and objectives:
Website Building

[Details](#)



Network Security

Aims and objectives:
secure your network

[Details](#)

[First](#) [Previous](#) | [Next](#) [Last](#)

Viewing Course

Aspx

| | |
|-----------------------|----------------------------|
| Course Name : | Aspx |
| Date Created : | 17/08/2020 00:09:18 |
| Date Schedule : | 19/08/2020 00:04:00 |
| Description : | That Was Hard |
| Aims And Objectives : | Website Building |
| Category Name : | Database, Web, Programming |

Show Materials :

[Show Materials](#)

You are not accepted by the tutor, you
can't see these materials

Subscribe goes into Pending state



| Tutor | Course | Date Schedule | Action |
|-------------------|------------------|----------------------|---|
| Pillay Kanaksabee | Aspx | Wed 19, August, 2020 | Pending Description |
| Tse Dudley | Network Security | Thu 27, August, 2020 | Subscribe Description |




This is instantaneous as you click it send a mail and become pending

Tutor Perspective


Show entries Search:

| Course Name | Date Schedule | Views |
|------------------|---------------------|---|
| Network Security | 27/08/2020 00:35:00 | Statistics Students |

Showing 1 to 1 of 1 entries Previous **1** Next

| | | |
|---|---|---|
|  |  |  |
| 1 | 1 | 0 |
| Total Student | Student Pending | Student Rejected |

Course : Network Security



Pascal Stlouis

Pascal Stlouis

[Details](#)

Dudley reject

Pascal Stlouis



Username : Pascal Stlouis
First Name : Pascal
Last Name : Stlouis
Address : Mauritius
Birth Date : 07/08/2002 (DD/MM/YYYY)
Phone Number : 57777777
Email : stingastlouis@gmail.com
Freeze : ☐

Back

Accept

Reject



While pillay accept

Pascal Stlouis

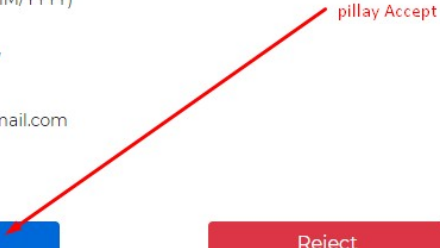


Username : Pascal Stlouis
First Name : Pascal
Last Name : Stlouis
Address : Mauritius
Birth Date : 07/08/2002 (DD/MM/YYYY)
Phone Number : 57777777
Email : stingastlouis@gmail.com
Freeze : ☐

Back

Accept

Reject



Back to student perspective



Date Schedule : 19/08/2020 00:04:00

Description : That Was Hard







Aims And Objectives : Website Building

Category Name : Database, Web, Programming

Show Materials : [Show Materials](#)


Show entries

Search:

| Material Name | Type | Action |
|---------------------|------------|---|
| Lab-create form.pdf | Assignment |   |
| Week1 - Lab.pdf | Notes |   |
| Week1.pdf | Assignment |   |

Showing 1 to 3 of 3 entries

Previous 1 Next



Student view Events

View Events

Show entries

Search:

| Tutor | Event Name | Event Details | Location | Date Schedule | Date Created |
|-------------------|--------------|---|-----------|---------------------|---------------------|
| Pillay Kanaksabee | Cofee Coding | Meet and code for a cofee shop - Free cofee | Moriskafe | 21/08/2020 00:21:00 | 17/08/2020 00:22:39 |

Showing 1 to 1 of 1 entries

Previous 1 Next

View/Update Profile

same as for tutor

Viewing Profile

Pascal Stlouis

User Name :

Pascal Stlouis

First Name :

Pascal

Last Name :

Stlouis

Date of Birth :

07/08/2002

Address :

Mauritius

Phone :

57777777

Email :

stingastlouis@gmail.com

Update Profile

Ordinary users/All Users

Home

see some stats



2

Courses Available



3

Amazing Teachers



3

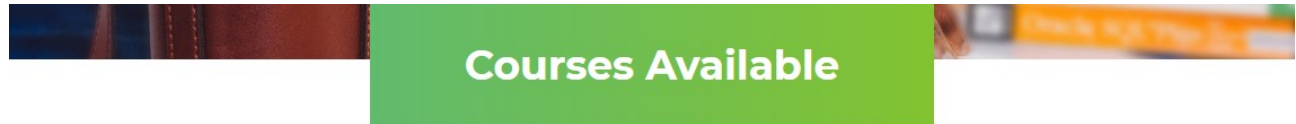
Total Students

THE BEST

Latest Courses

| | | | |
|---|--|--|--|
| <p>Network Security</p> <p>By Tse Dudley</p> <p> Thu 27, Aug, 2020</p> <p>★★★★☆</p> <p>Network security in our dailylife</p> <p>See More</p> | | <p>Aspx</p> <p>By Pillay Kanaksabee</p> <p> Wed 19, Aug, 2020</p> <p>★★★★☆</p> <p>That Was Hard</p> <p>See More</p> | |
| <p>Aspx</p> <p>By Pillay Kanaksabee</p> | | <p>Aspx</p> <p>By Pillay Kanaksabee</p> | |


See Courses




List of Courses

Select Category ▼


Search...

**Our Courses**


Aspx
Aims and objectives:
Website Building
[Details](#)

**Our Courses**

Aspx
Aims and objectives:
Website Building
[Details](#)

**Our Courses**

Aspx
Aims and objectives:
Website Building
[Details](#)

**Our Courses**


Network Security
Aims and objectives:
secure your network
[Details](#)

First Previous 1 Next Last


See Tutors

List of Tutors


Search...




Pillay
Kanaksabee
Web Technologies



Pillay
Kanaksabee
Software Engineer



Ajit Gopee
Programming



Tse Dudley
Web Technologies

First Previous 1 Next Last

Special strength

sql—Stored procedures, sql injection prevention, type table, multiple insert at once in stored procedure, data tables to fill procedure

asp—use of ajax, live update on keyup using webservice and ajax and json, jquery validation plugin for all validation client side, encryption, decryption, download using http handler .ashx, openfile in new tab, gridview-print button, create controls at runtime(material and category), send mail, cookies, session, statistics, modal popup, file size validation

Erd - additional sql are found in **TeacherStudentDB.sql** – was used for testing



| accepted | pending | subscribe | |
|----------|---------|-----------|----------|
| 0 | 0 | 0 | ask |
| 0 | 0 | 1 | rejected |
| 0 | 1 | 0 | ask |
| 0 | 1 | 1 | pending |
| 1 | 0 | 0 | ask |
| 1 | 0 | 1 | accepted |
| 1 | 1 | 0 | ask |
| 1 | 1 | 1 | pending |

Additional functionalities

Real-time check if already exist when Admin adds/updates course

AdminCRUDCourseCategory

Admin view Tutor/Student details

AdminCRUDCourseCategory

Tutor Download using http handler

Tutor CRUD All His Posted Events

AdminCrudMaterialType