**Module Name: Internet Programming II**

**Module Code: WAT2117C**

**Cohort: BCNS/ 19A/ FT**

**Student Name: Arouven POOLIAN**

**Student ID: 1903\_16737**

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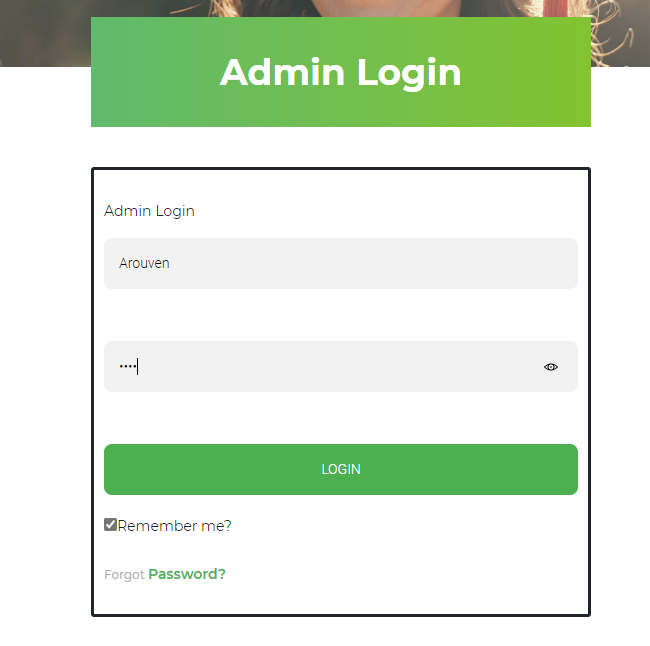
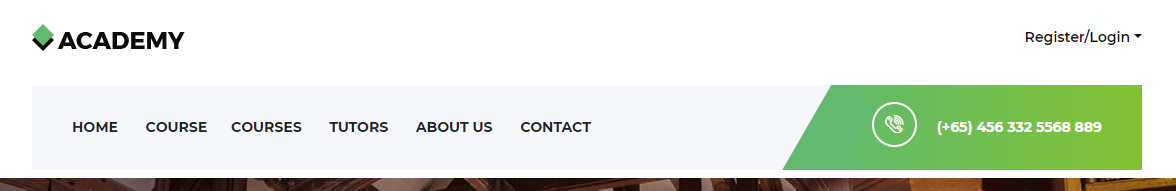
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# How the application run

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

## Admin

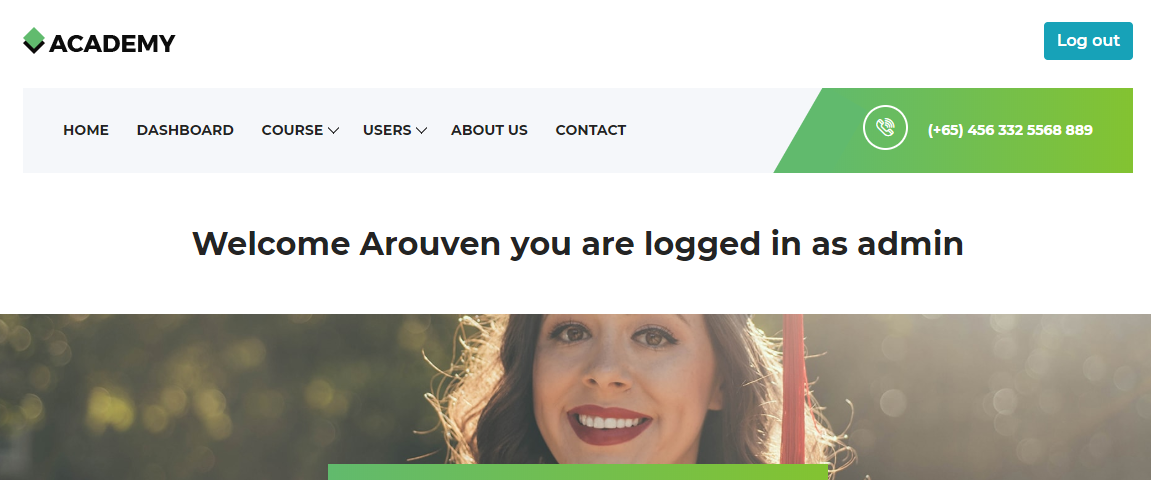
### Admin Login



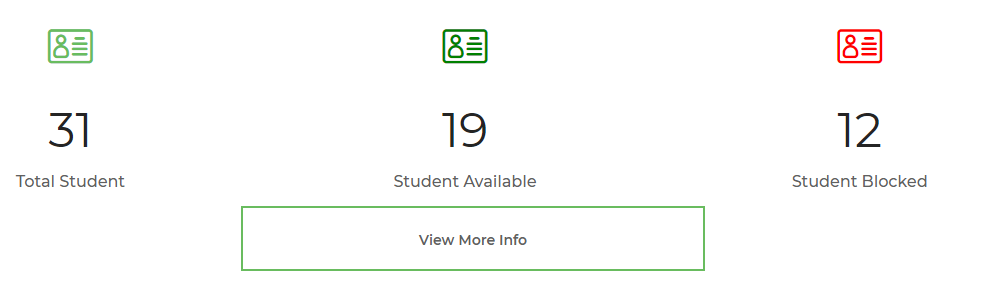
In the login if the remember me checked, the use of cookies will keep the username and password for 100 days

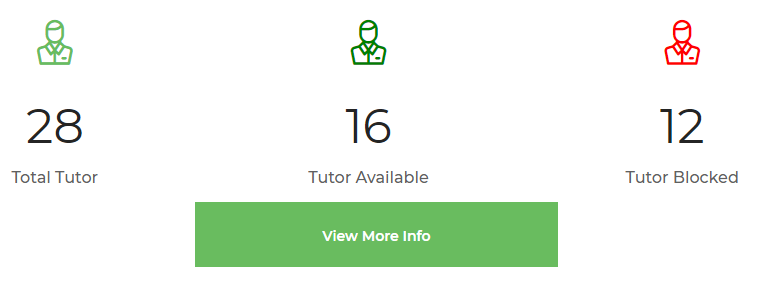
### Admin Dashboard

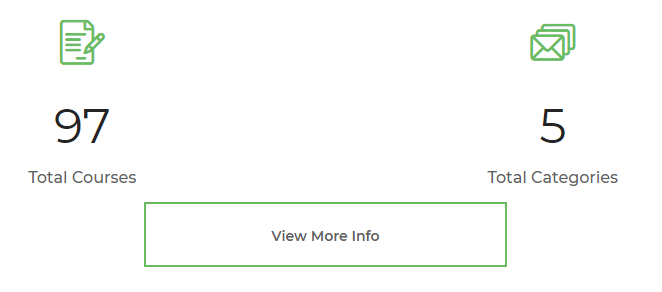
After successful login, the admin will be redirect to the dashboard where he/she will be greet. And the navbar will change dynamically according to the user role.

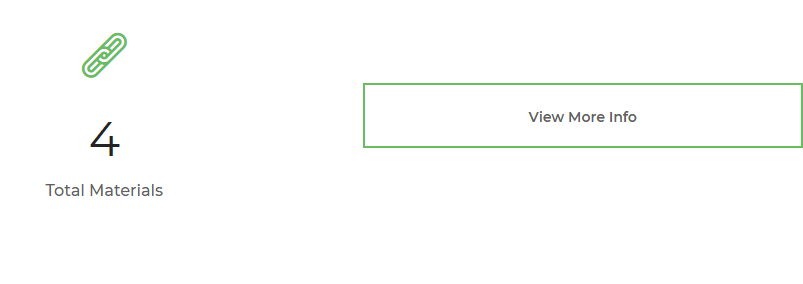


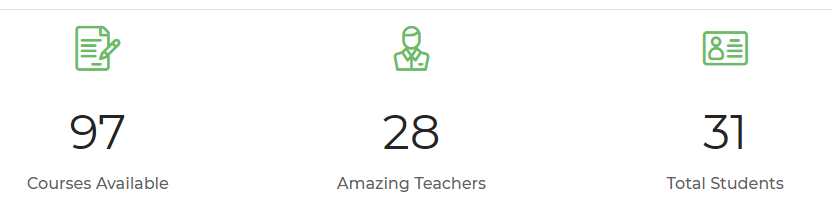
On this page he/she will be able to see statistics as well





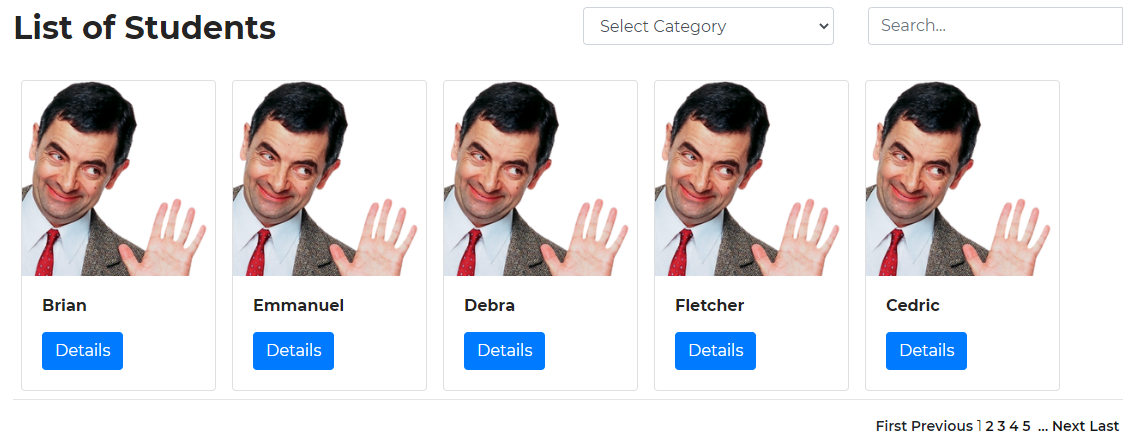






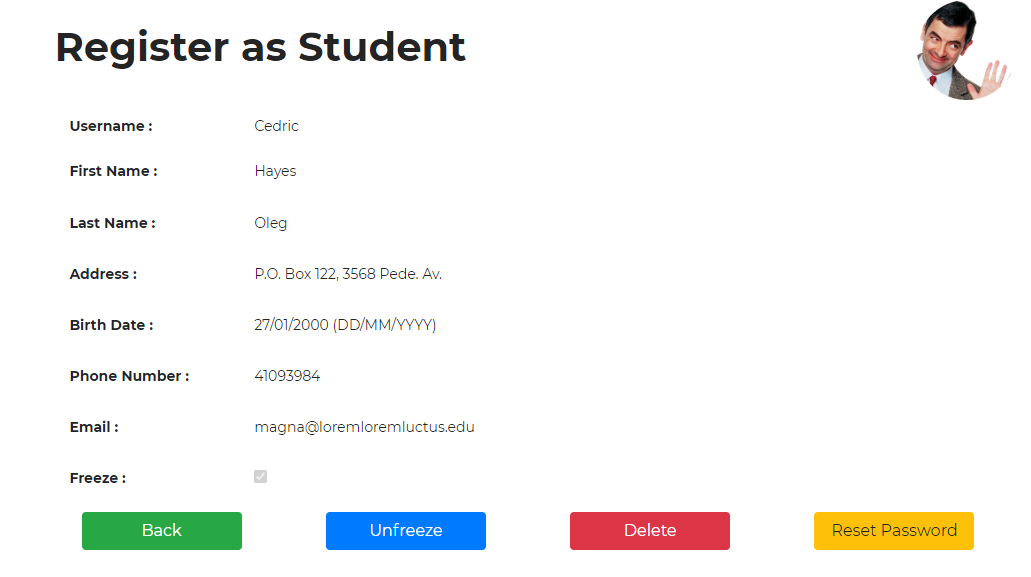
### Search Student

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.



### Freeze/unfreeze, delete, reset password

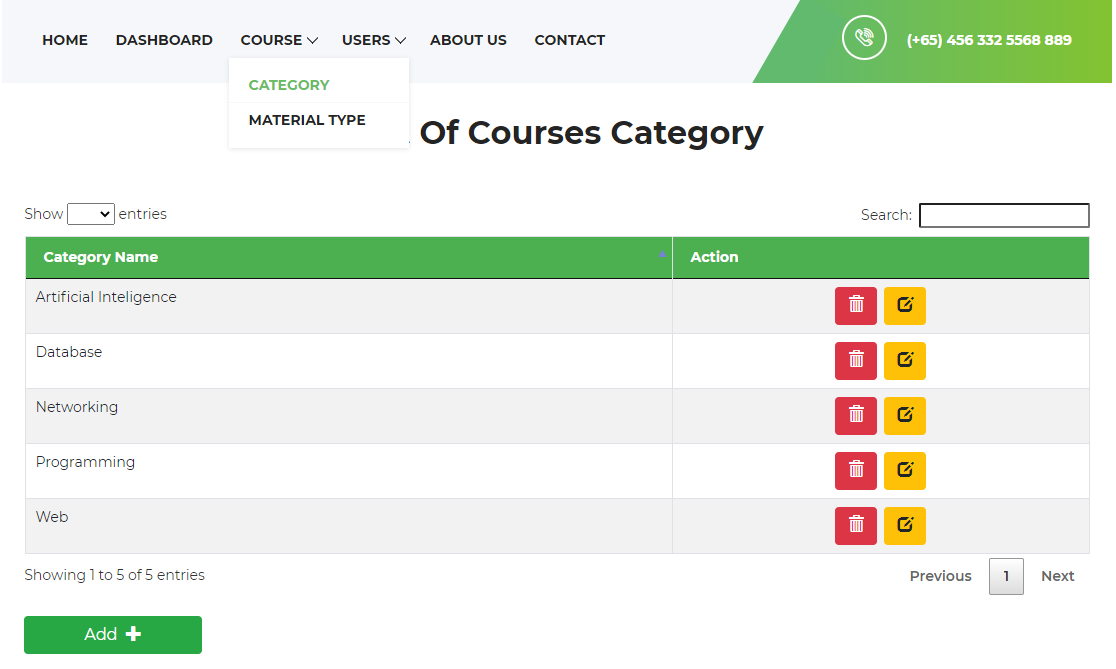
To perform operations such as freeze/unfreeze, delete or reset password the details button is clicked.



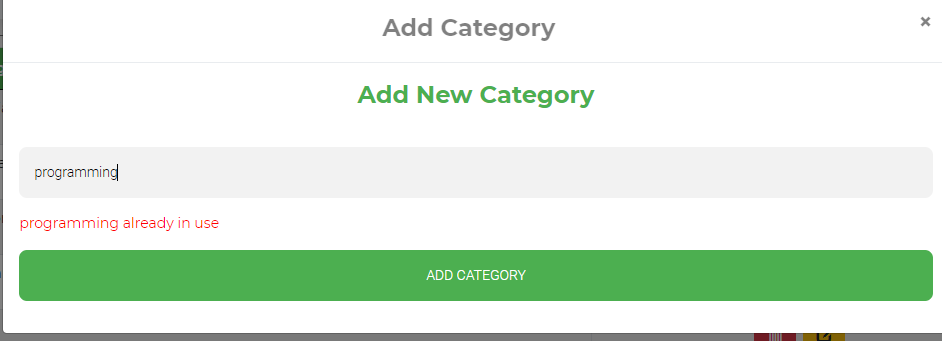
## The same applies to tutors.

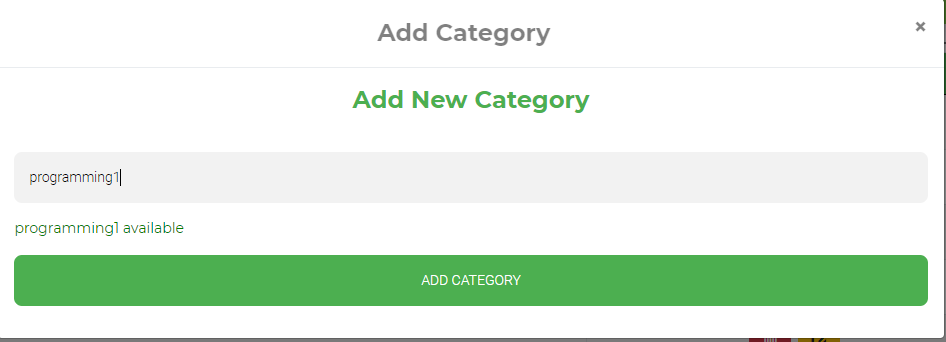
### Crud course category

The admin can add update delete any course category

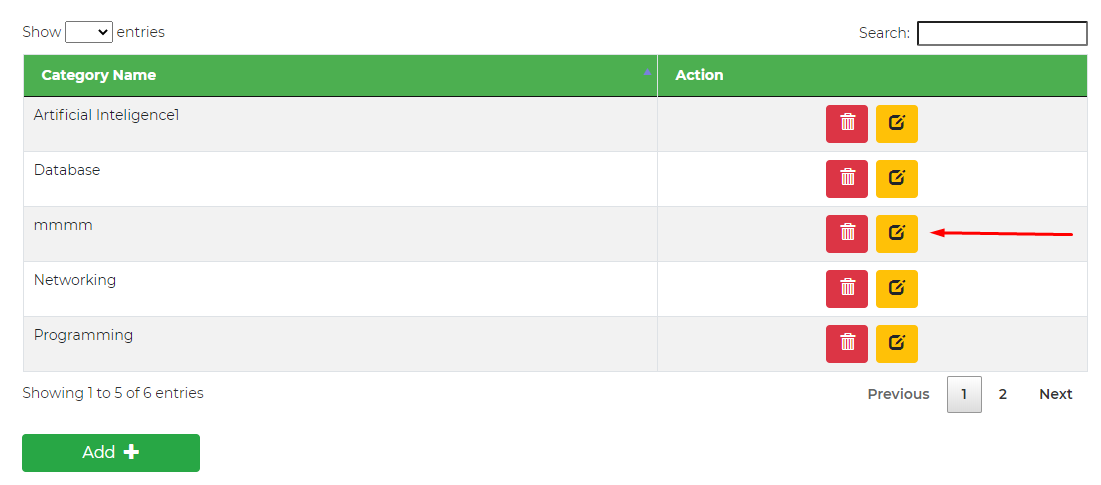


An additional feature would be the use of webservice and ajax to give the message



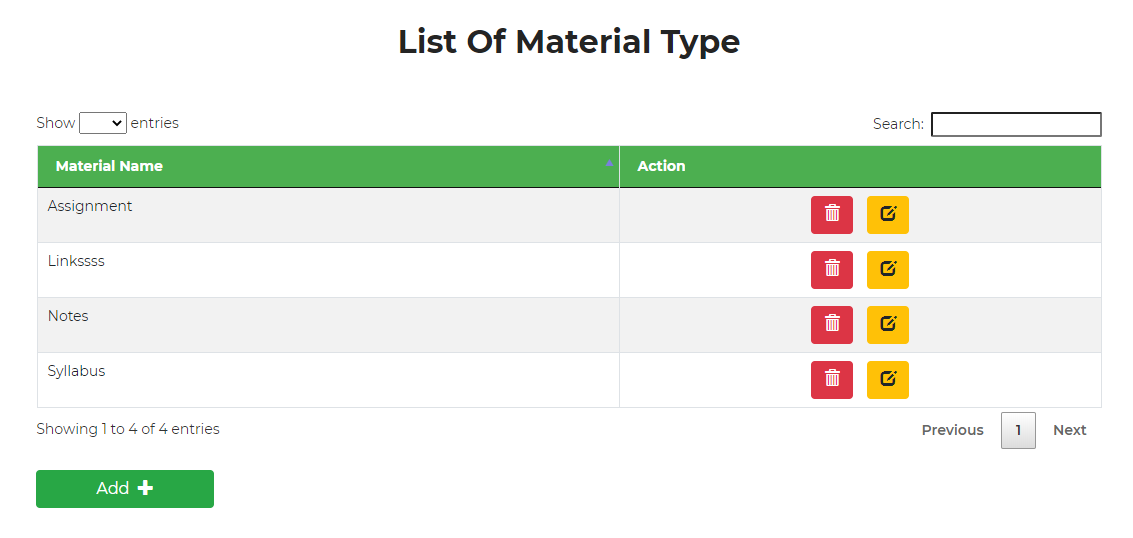
The same message applies for update.

And for delete its the trash icon



### Crud MaterialType

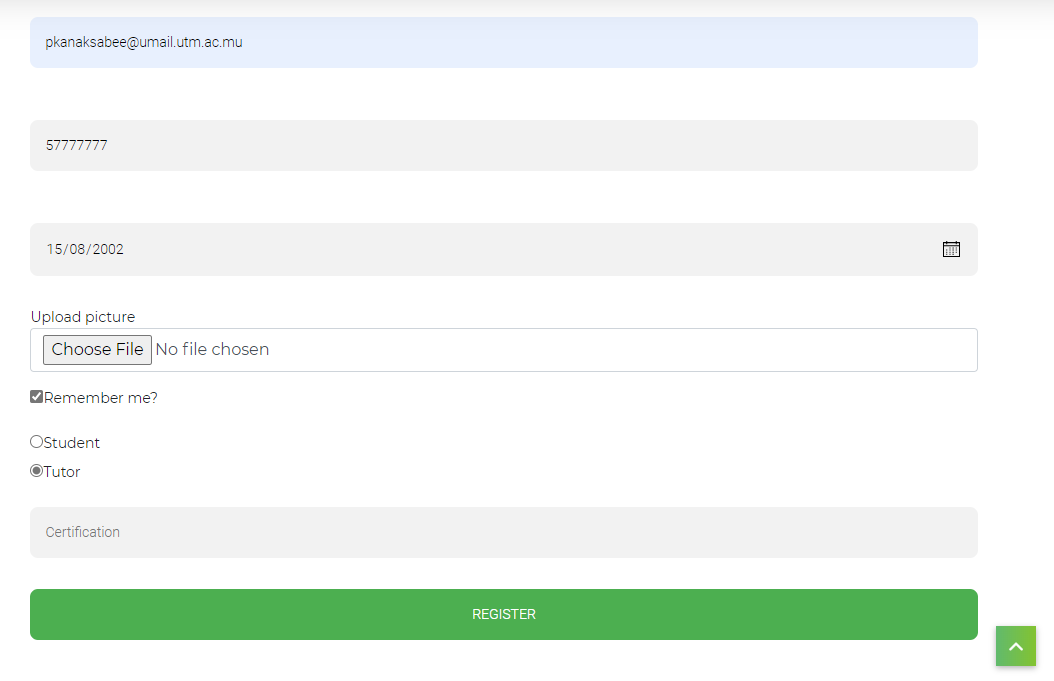
The admin can also perform crud operation on the materialtype too(same format as course category)



## Tutor

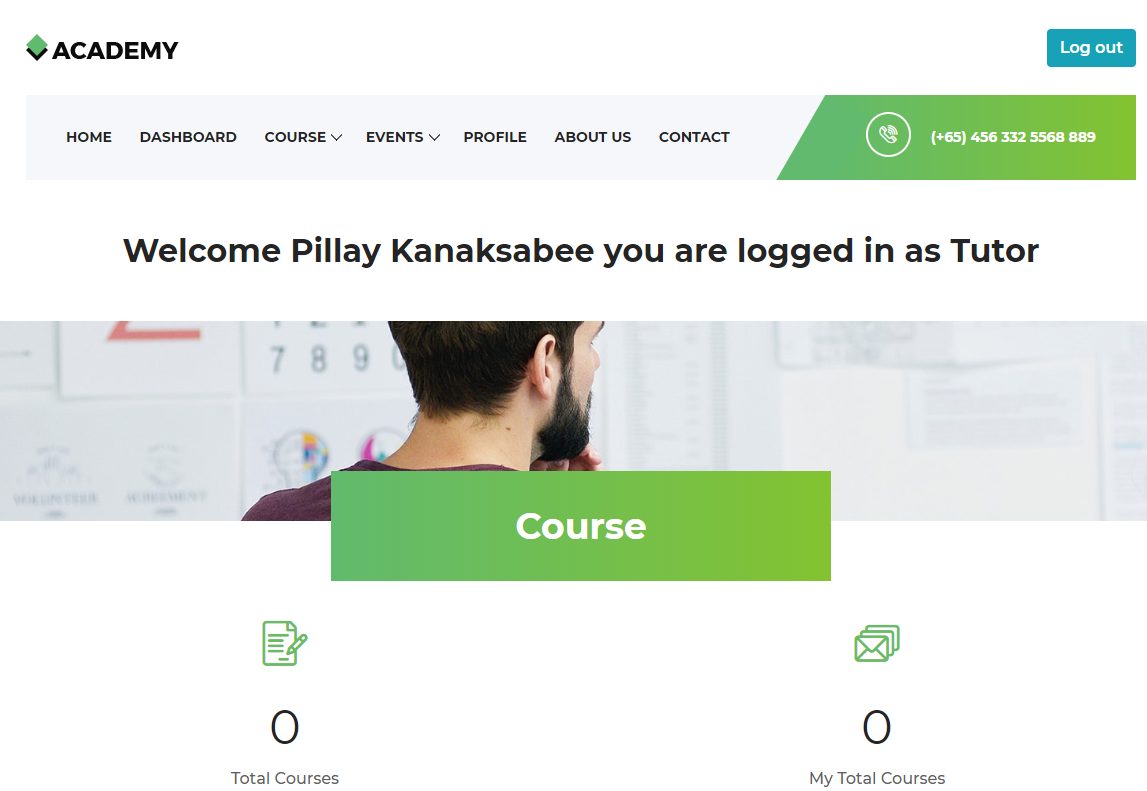
### Register a tutor

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

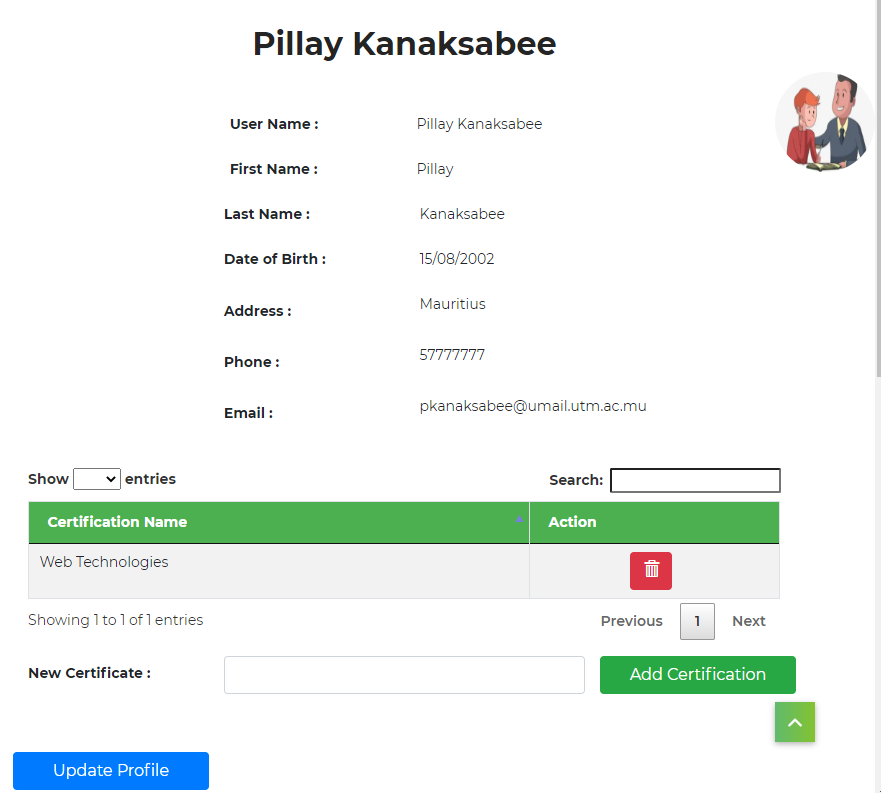


### Welcome user

You are now welcome with a different navbar and interfaces.

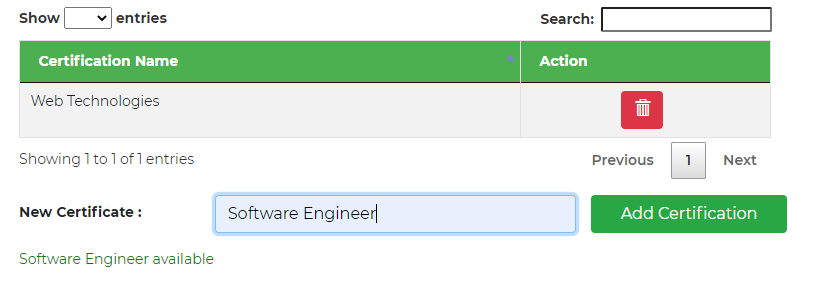
You can now perform crud ops on course, and event and edit your profile

### View Profile

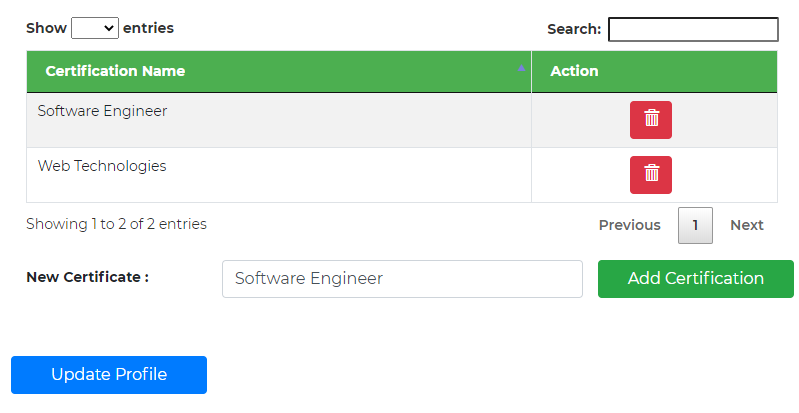


This page allow you to add new certifications, delete them, and update the profile

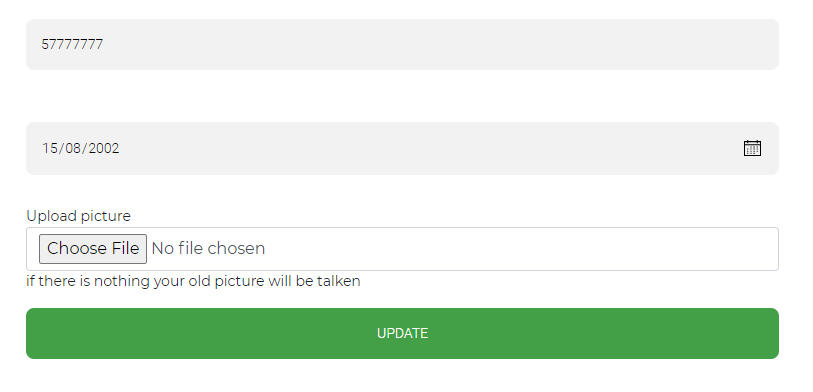
#### Adding new certification



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



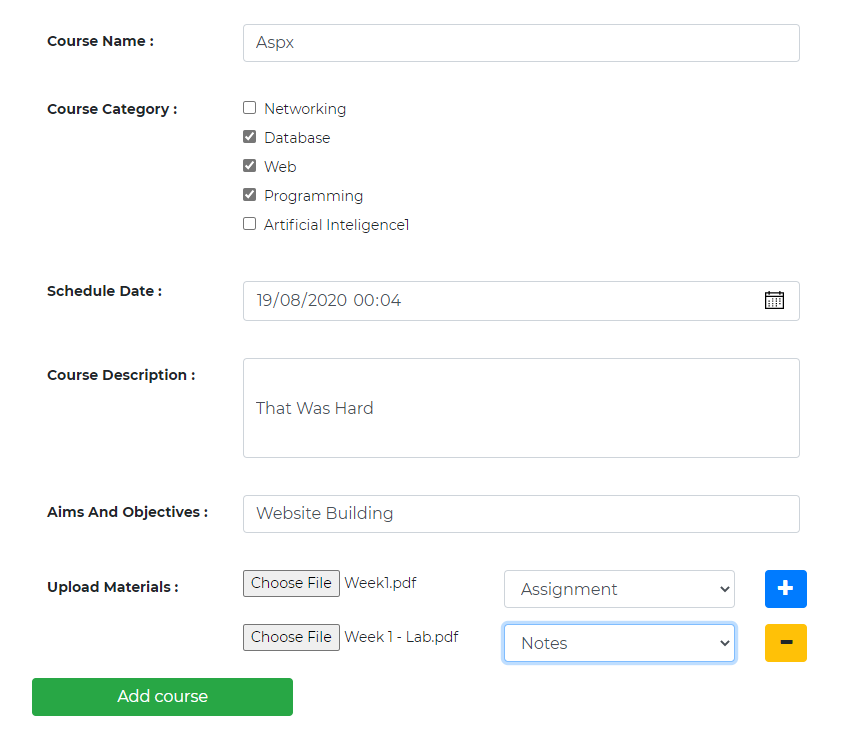
### Updating the profile



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

### Adding a course





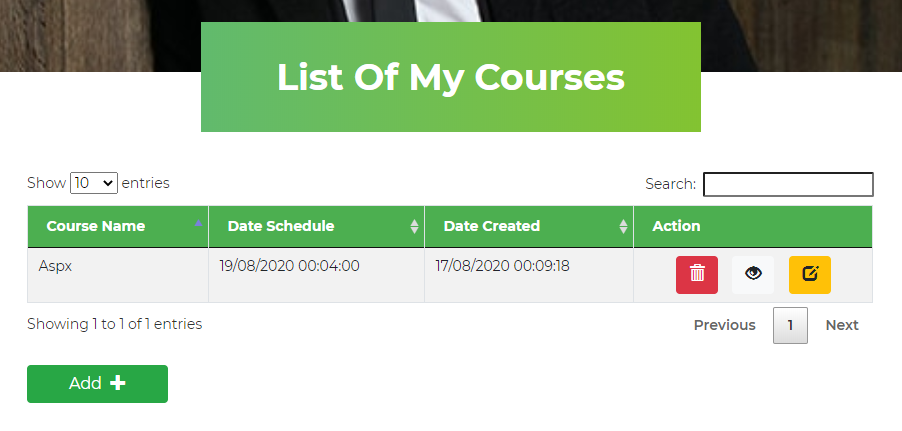
The validations on this page are:

course name > 3 character

at least 1 category

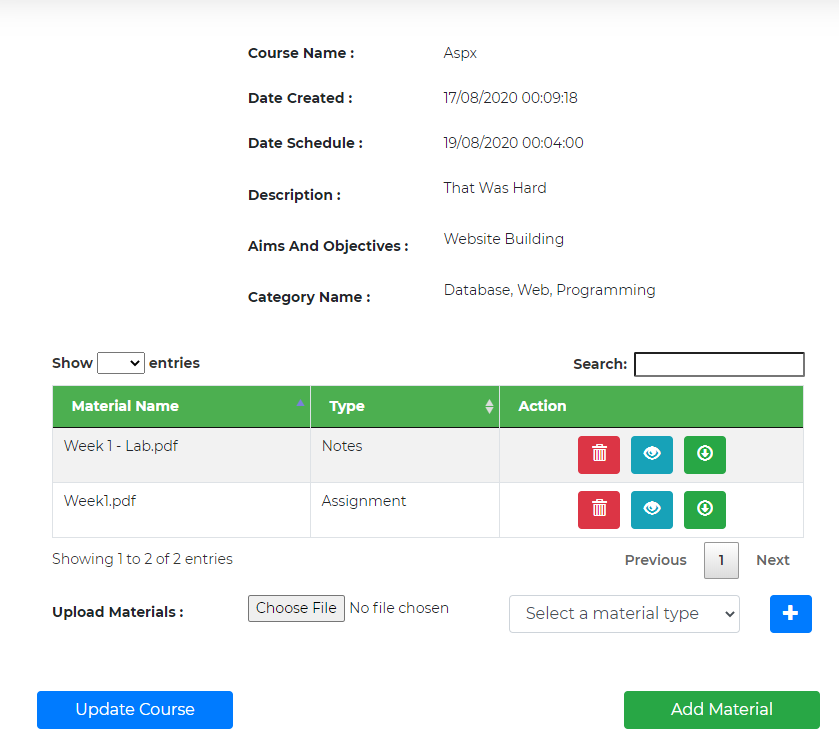
date > today

files sizes



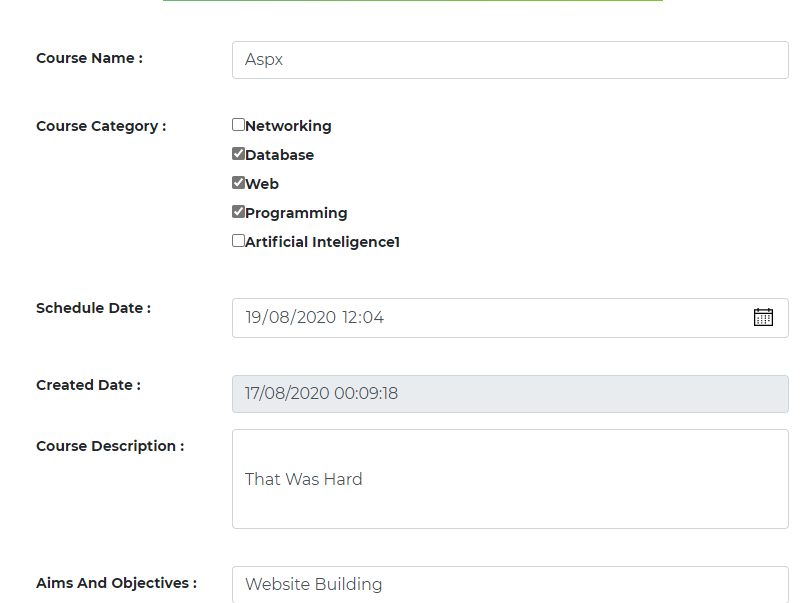
the eye stands for viewing the course

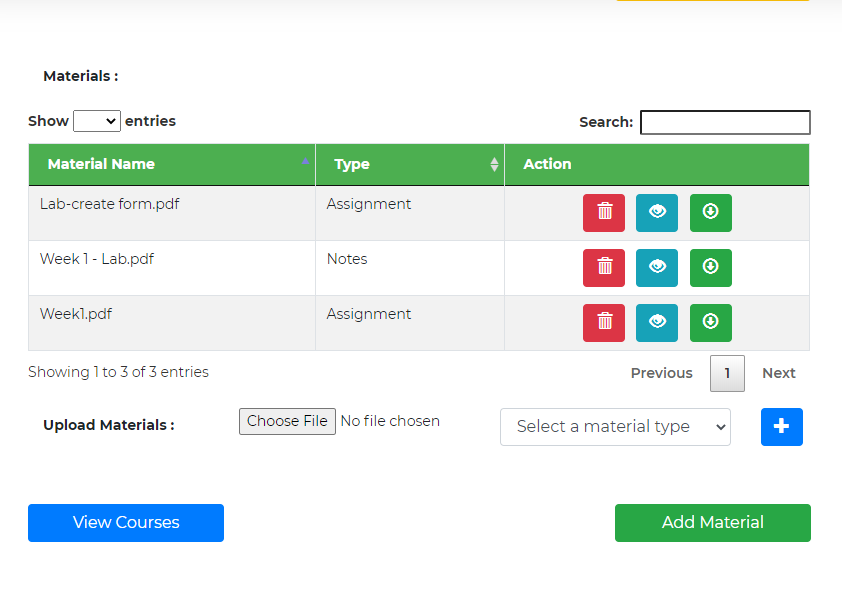
### View Course Created



### Update course

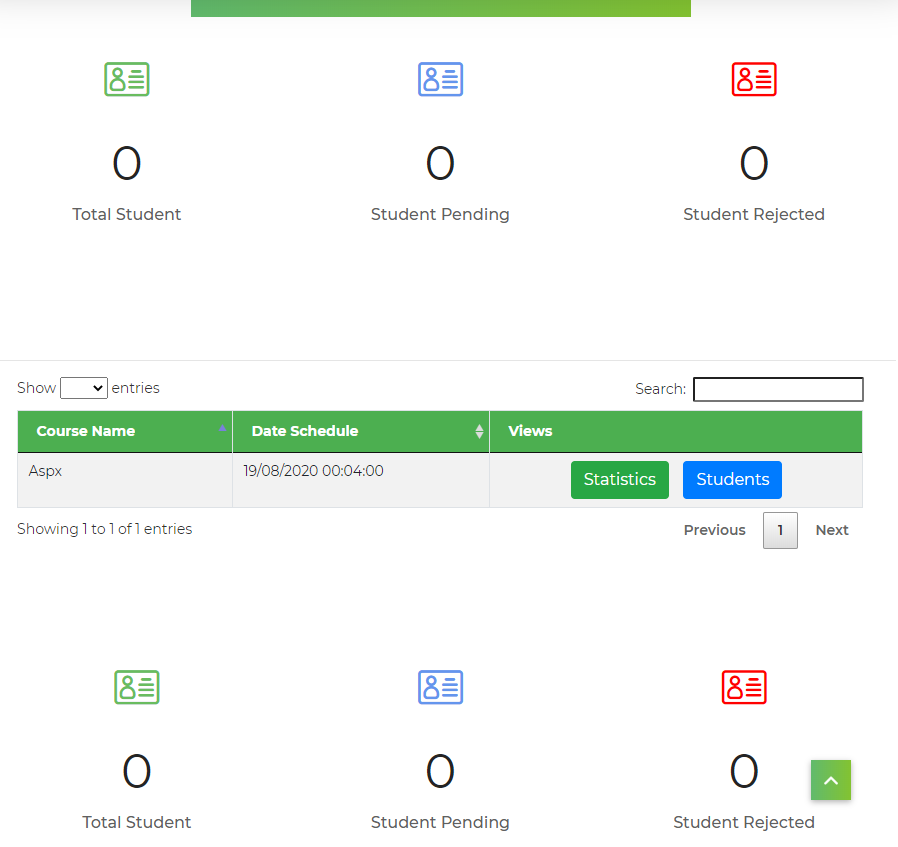
This page contain same validations on the create course





### My Student

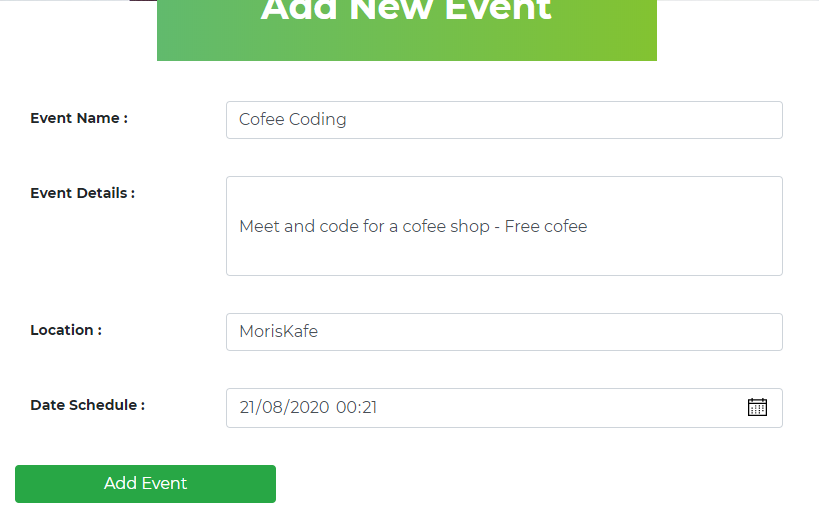
Can view all students in all my courses the second part is for a specific course



### My Events

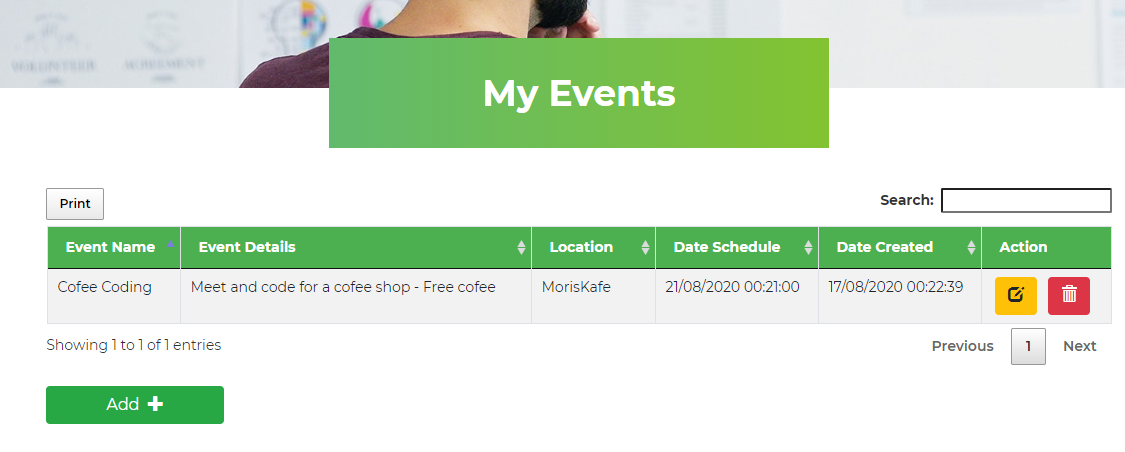
Show all events created by the tutor

### Adding New Event



### After Adding Event

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

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

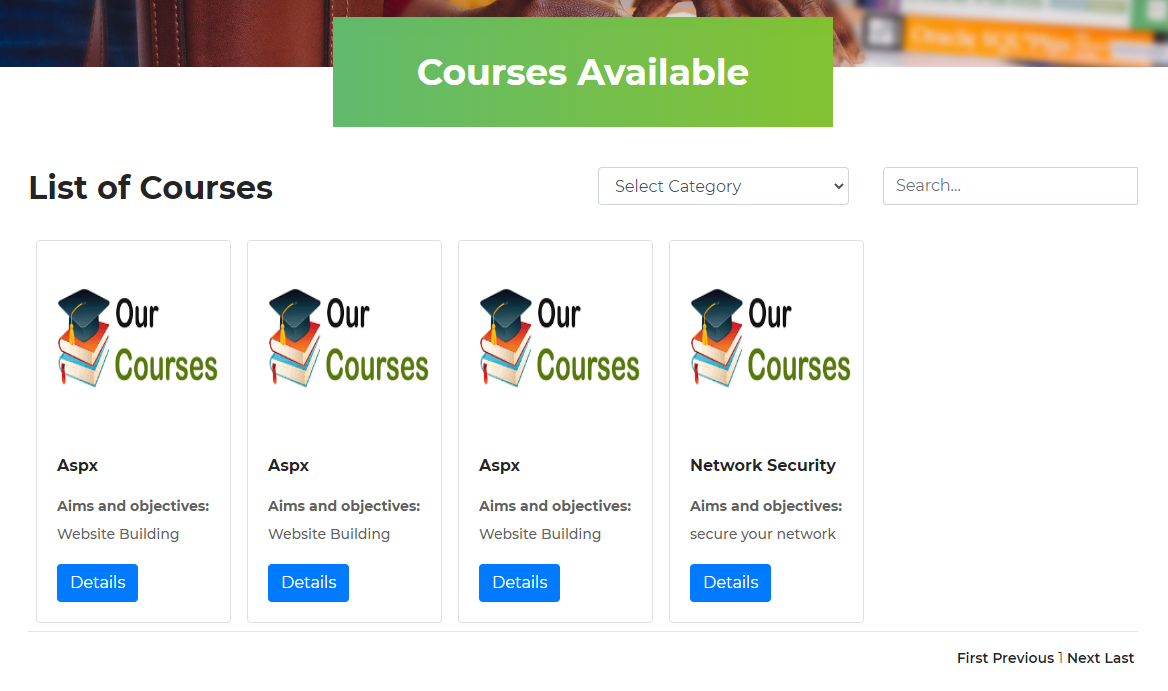
Harikeish Fowdur-1234

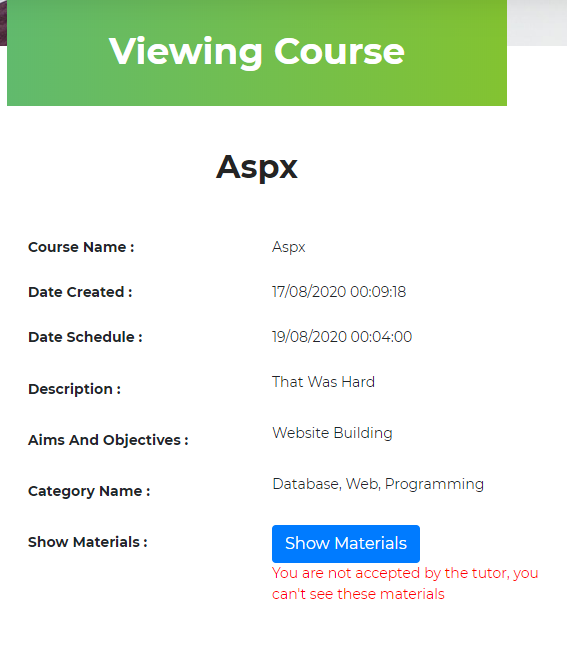
Pascal Stlouis-1234

### Welcome

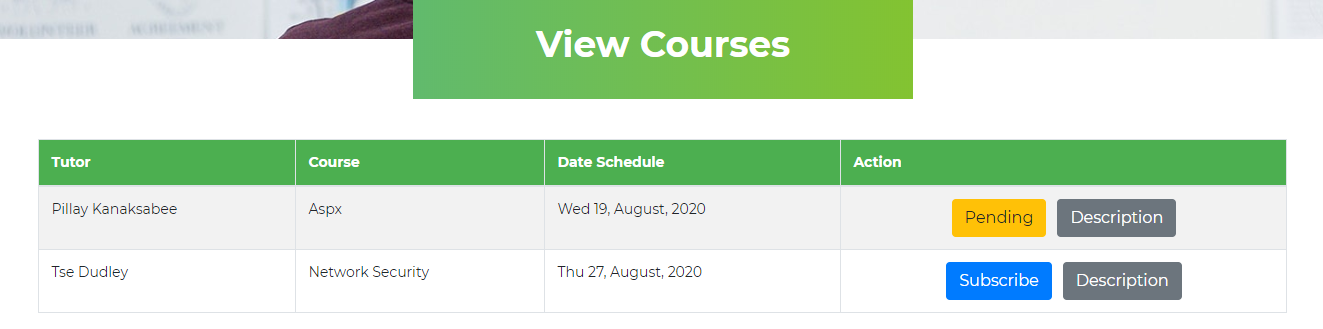
### 

### Search course/Category

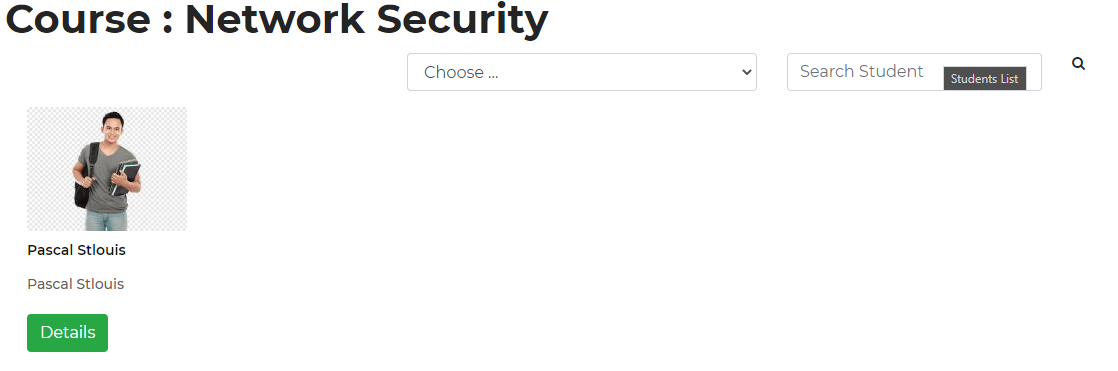
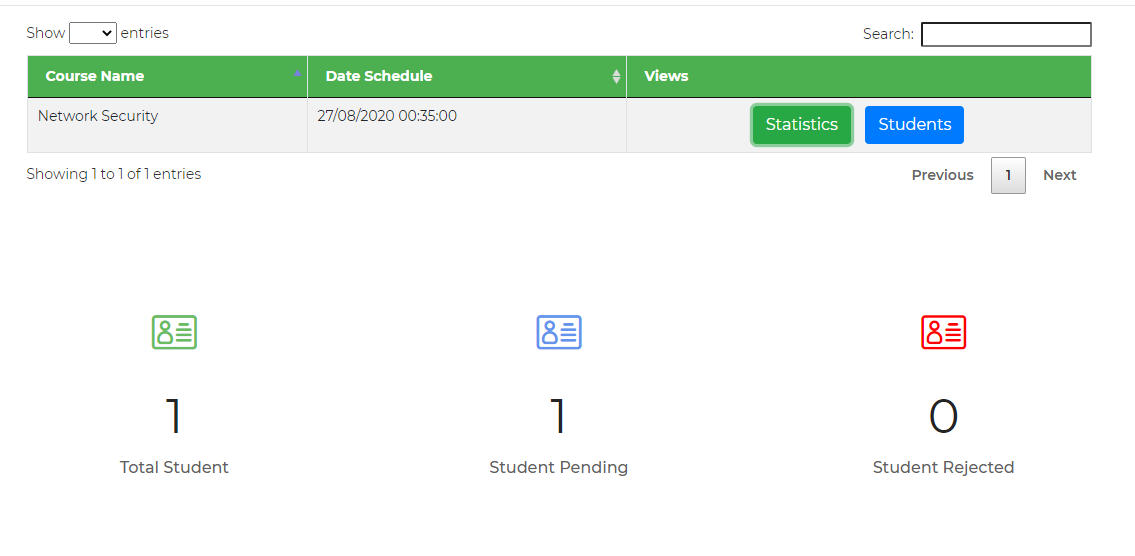
No access to material unless the tutor accept the students

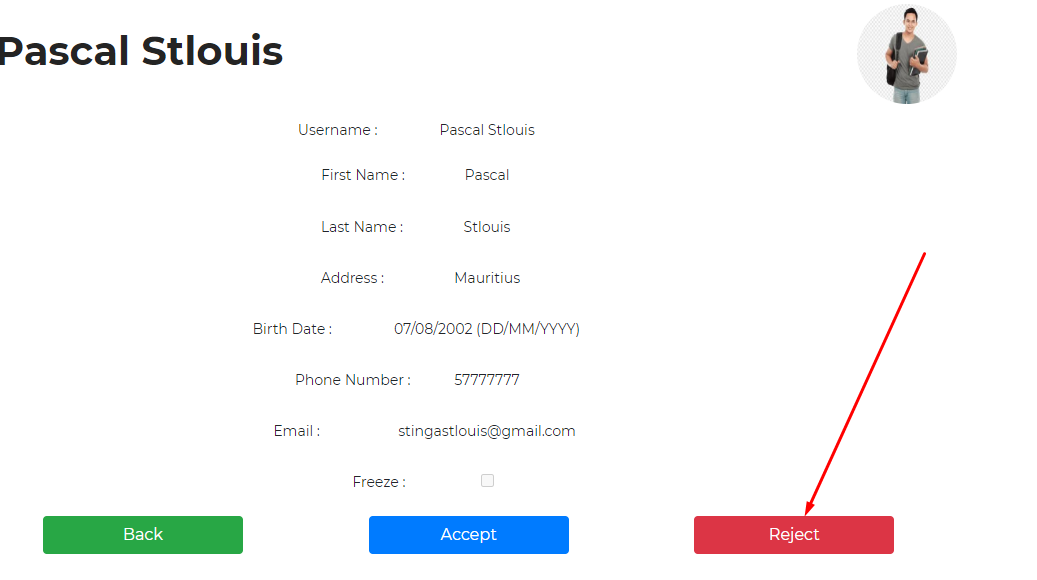


### Subscribe goes into Pending state

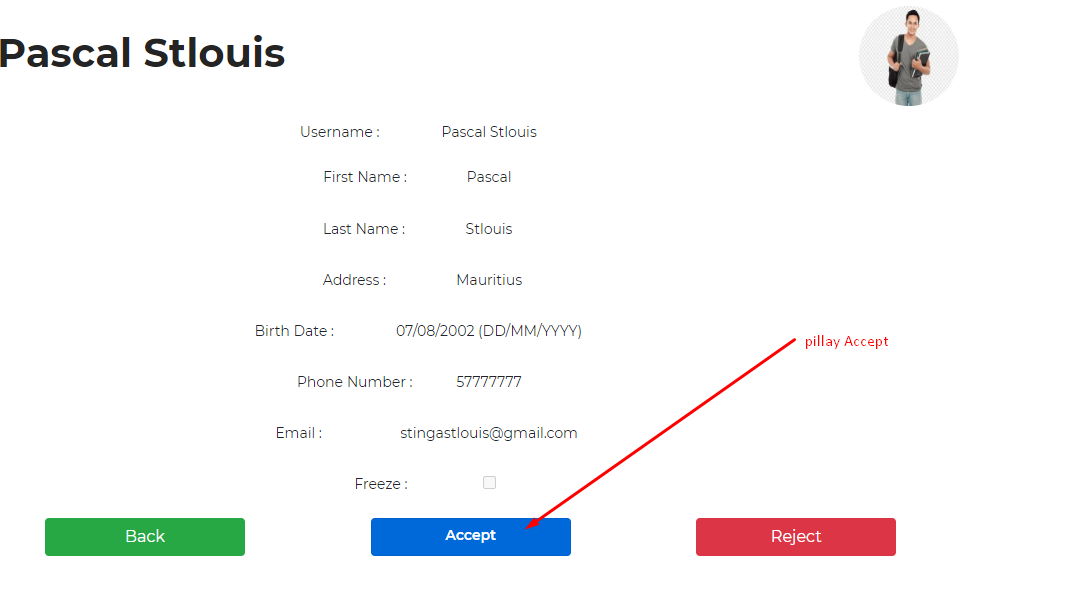
This is instantaneous as you click it send a mail and become pending

#### Tutor Perspective

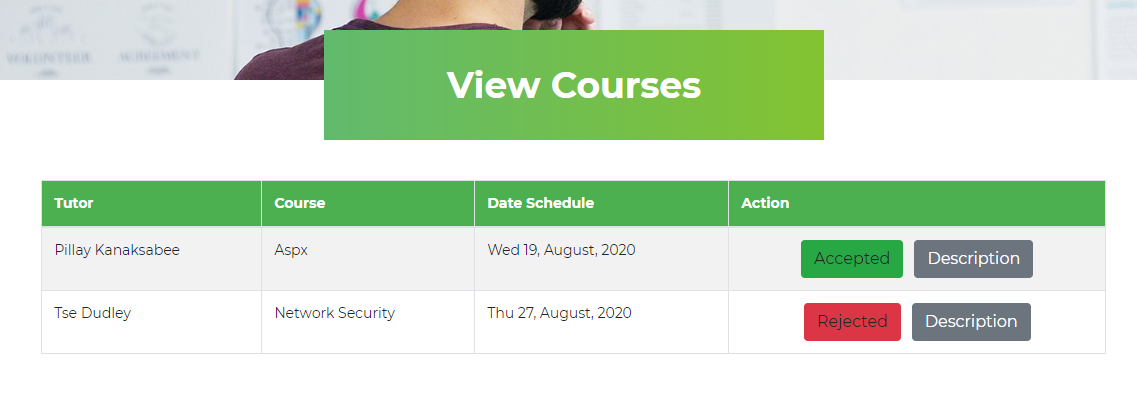


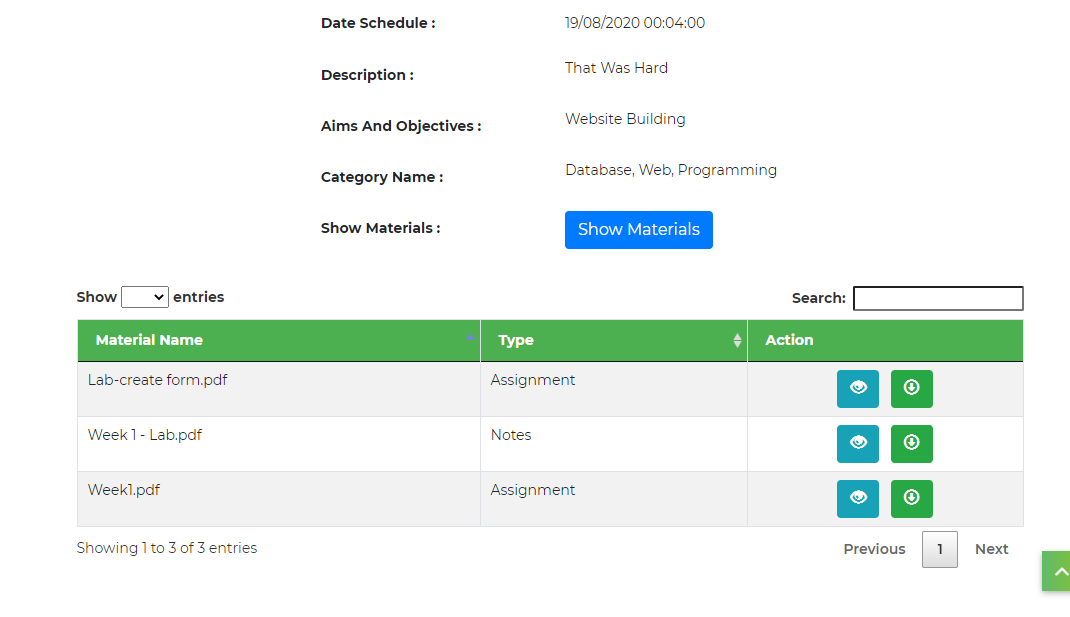
Dudley reject

While pillay accept

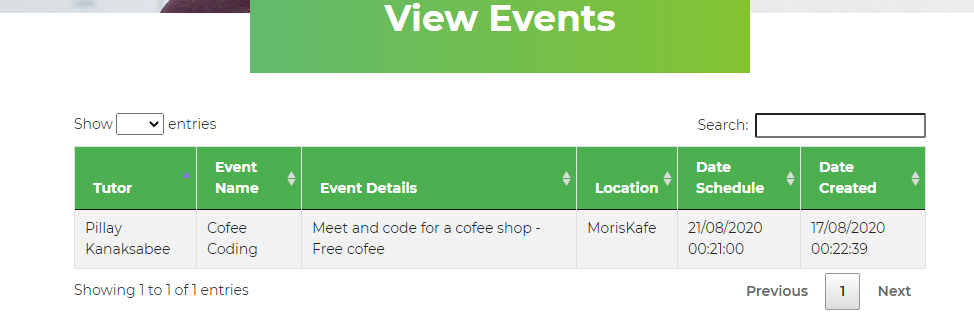


#### Back to student perspective

Now the student can view the materials

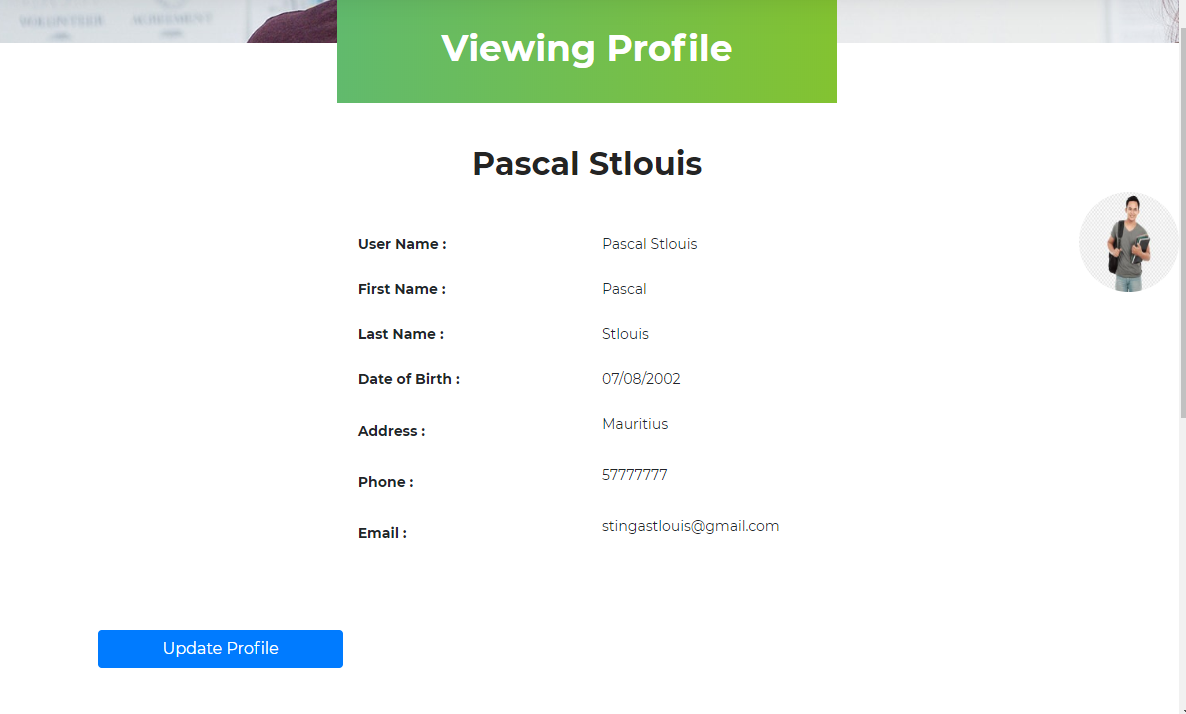


### Student view Events



### View/Update Profile

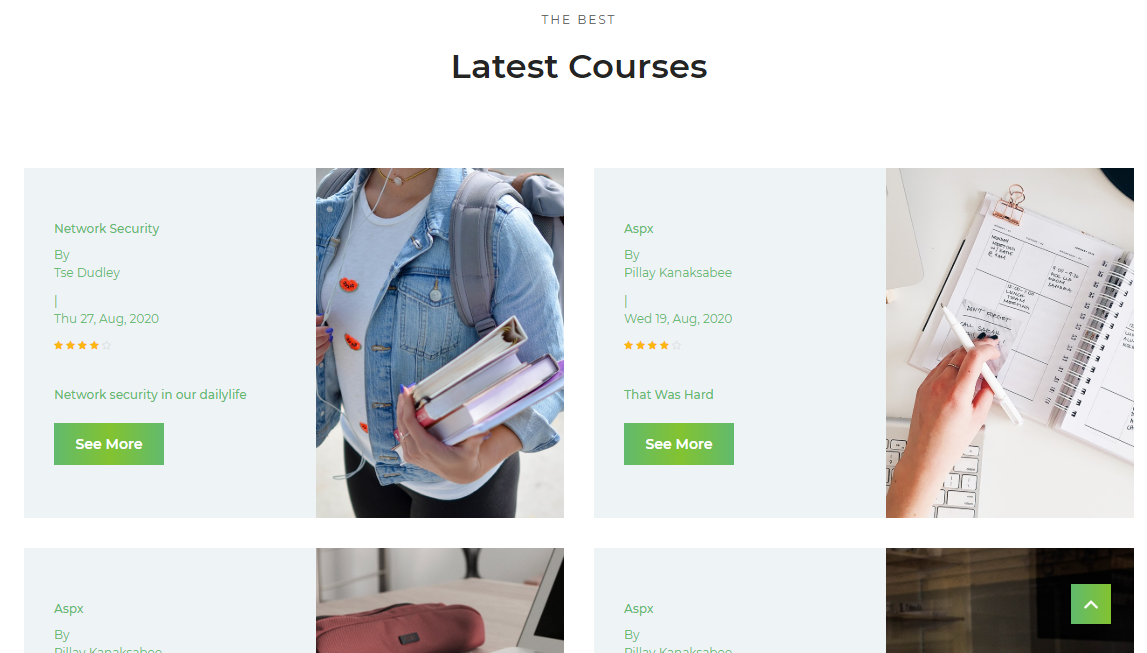
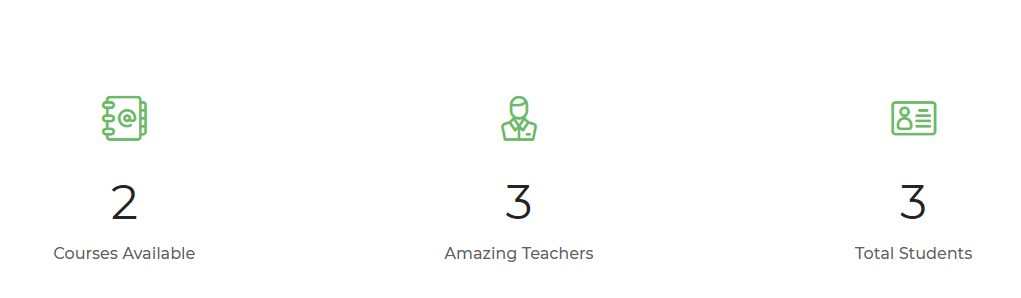
same as for tutor



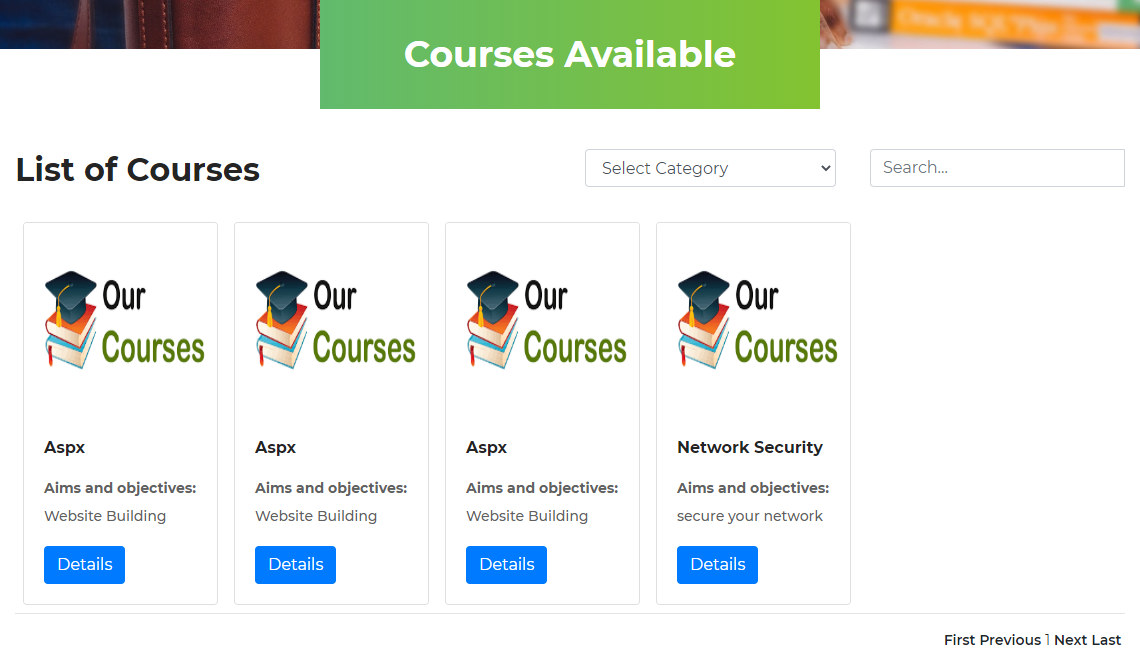
## Ordinary users/All Users

### Home

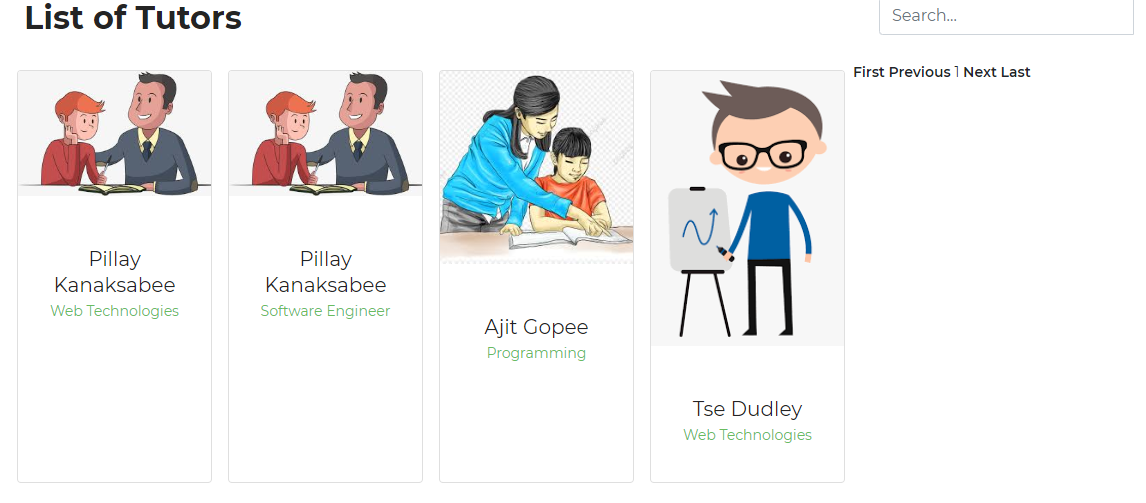
see some stats



### See Courses



### See Tutors

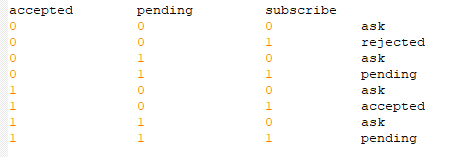
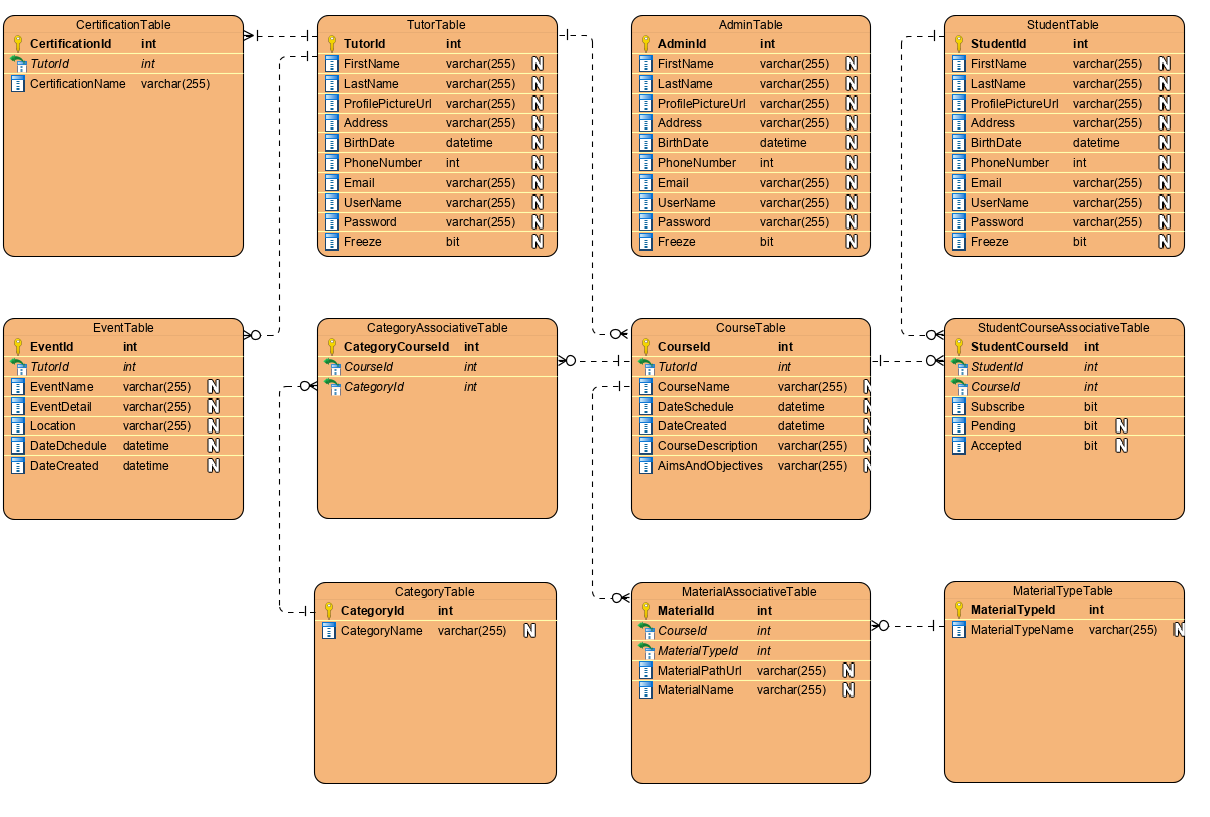


# Special strength

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 httphandler .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



# Additional functionalities

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

AdminCRUDCourseCategory

* 1. Admin view Tutor/Student details

AdminCRUDCourseCategory

* 1. Tutor Download using httphandler
  2. Tutor CRUD All His Posted Events
  3. AdminCrudMaterialType