We have got basically three entities.

1. Student

2. Employer

3. Internship

Now in order to organize things, we need to follow object oriented pattern.

So we shall have one class called “User” which has the following attributes.

1. UserName

2. Password

3. Email ID

4. Facebook Token

5. TwitterToken

The user can perform the following tasks:

1. Register by new username/password

2. Register by facebook

3. Register by Twitter

4. Login by Username/password

5. Login by Facebook

6. Login by Twitter

Now the classes “Student” and “Employer” will be the subclass of “User” class.

Student class will have the following extra attributes.

1. College name

2. Address

3. Phone Number

4. Qualification

5. Age

Student class will have the following methods:

1. Apply For internship

Each Student class will hold an array of internship objects applied.

Employer class will have the following extra attributes.

1. Company Name

2. Address

3. Phone Number

Employer class will have the following methods:

1. Create internship

Each Employer class will hold an array of internship created.

The “Internship” class will have the following attributes:

1. Name

2. Start date

3. End Date

4. Prerequisite

5. Description

This class will provide the initialize methods for creating an internship object.

So we need to create three files student.php, employer.php and internship.php.

In order to avoid dependency, I should create one file called index.php which will manage the database handling stuff such as creation of connection and error handling.

