Câu 1: tạo csdl ‘LCTC’

Student(**user**, pass, name, phone)

Regis(**user,courseID**, regisDate)

Course(**courseID**, subject, start, end, teachID, room)

Teacher(**teachID**, name, subject, sex, age)

Admin(**account**, password, rights)

Câu 2: viết lớp database thực hiện kết nối cơ sở dữ liệu và các thao tác trên csdl. (Model/database.php)

<?php

class database{

//Khai báo thuộc tính

private $host='localhost';

private $username='root';

private $password='rootroot';

private $database='lctc';

private $conn=null;

private $result=null;

private function connect(){

$this->conn= new MySQLi($this->host,$this->username,

$this->password, $this->database)or die('Can not connect to server!');

$this->conn->query('SET NAMES UTF8');

}

public function select($sql){

$this->connect();

$this->result=$this->conn->query($sql);

return $this->result;

}

public function command($sql){

$this->connect();

$this->conn->query($sql);

}

}

?>

Câu 3: viết lớp Model

<?php

include\_once('database.php');

class Model{

protected $table;

protected $result;

public function get($col = '\*') {

$sql = "SELECT $col FROM $this->table";

$dt=new database();

$this->result=$dt->select($sql);

return $this->result;

}

public function fetch(){

//$rows=$this->get\_list();

if($this->result->num\_rows > 0){

$rows=$this->result->fetch\_assoc();

}

else{

$rows=0;

}

return $rows;

}

public function insert($value){

$sql="INSERT INTO $this->table VALUES($value)";

$dt=new database();

$dt->command($sql);

}

public function update($sql){

$dt=new database();

$dt->command($sql);

}

public function delete($sql){

$dt=new database();

$dt->command($sql);

}

}

?>