Major Project Report on

ONLINE BANKING COURSES

at

COMPUCOM SOFTWARE LIMITED (CSL).

BACHELOR OF TECHNOLOGY
(B.TECH-2013)

Submitted By:

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Acknowledgement

The help rendered by **Mr. Rajesh Kumar Arora**, for experimentation is greatly acknowledged.

I express my indebtedness to all who have directly or indirectly contributed to the successful completion of my major project.

I would like to express a deep sense of gratitude and thank **Mr. Surendra Kumar Surana** Director/CEO of Compucom Software Limited, without whose permission, wise counsel and able guidance, it would have not been possible to carry out my project in this manner.

Preface

In today's competitive world, computers have assumed critical importance in every field. It has become an essential qualification for almost all ventures. In my B.Tech degree of Computer Science and Engineering I have been prepared to be at par with the industrial requirements. But theoretical knowledge is not just enough in present areas. Theoretical knowledge accompanied with the practical knows how of the industrial environment makes me ready for making a good performance when I enter the industry.

So, the industrial training is a must and the project work undertaken during this training exhibits the practical as well as the theoretical knowledge of the student.

As part of my industrial training I undertook a project in **PHP Framework(CodeIgniter) and MYSQL Server** at Compucom Software Limited (CSL), Jaipur. While doing this project I learned a lot and brushed up my earlier knowledge. This training has provided me an opportunity to have practical, which has increased my sphere of knowledge to a great extent. Now I am better equipped to handle the real things than anyone else who has not undergone any such training does.

During my stay here I learned how an actual project progresses, what sort of problems actually occurs during the development of such projects.

Yash Mahendra

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Introduction About The Organization

COMPUCOM SOFTWARE LIMITED

Compucom Software Limited (CSL) is the leading software and education company from the state of Rajasthan, serving customers spread across the six major continents. Rapidly expanding it's client base and revenue streams, the company now works out of it's development centers in Jaipur (India) and Atlanta GA (USA).

Since it's IPO in 1999, CSL has been listed on the Bombay Stock Exchange (BSE). The company has been adjudged the best software exporter for many years by Software Technology Parks of India (STPI). The State and Central Governments have acknowledged our contributions by various coveted honors and awards, during this course.

Compucom Foundation

Compucom Foundation is committed to working towards the development and empowerment of socially and economically marginal communities through various initiatives. Our belief in giving back to society has inspired us to always stand by the state in making our honest contributions for the development of the underprivileged, and in times of natural calamities.

Compucom Foundation offers the promise of a better tomorrow and focuses on improving the quality of education where in we have envisioned a world class engineering and management institute (CIITM, www.ciitm.org) of excellence, with the primary focus on an all round holistic development of the budding engineers and managers.

- Compucom Software Limited has been awarded an ICT project by Govt. of Rajasthan to provide computer education on BOOT basis in 1373 Govt. Secondary Schools of Rajasthan. The contract value is worth Rs. 158.50 Crores approx.
- Compucom Software Ltd. Has been awarded an ICT project worth Rs. 46.71 Crores approx by Bihar State Education Infrastructure Development Corporation Ltd.
- Compucom shares listed on NSE
- Compucom has been conferred with Excellence award by the Govt. of Rajasthan. This award is a recognition for company's continuous effort in the field of technology and associated services.
- Compucom Software Limited's subsidiary CSL Infomedia (P) Ltd., has received permission from ministry of Information and Broadcasting, Govt. of India, to uplink and downlink two News and Current Affairs satellite channels namely JanTV and JanTV Plus
- Compucom successfully reappraised for CMMI (1.2 dev) ML-3
- CSL has been awarded Rajasthan Export Award for the year 08-09.

Services of the company

- Software Design and Development.
- Customized Web Solution.
- 7*24 Maintenance and Customer Support.
- Data/Drawing/Document Conversion.
- IT Training and Education.
- On Site Staff Supplementation.
- Business Process Outsourcing.

About ONLINE BANKING COURSES

The title of the project is "**Online Banking Courses**". This project will handle whole the activities of an online course website. The website has most of the facilities that a modern coaching institute provides. It provides facilities to keep the records of user, content-developer and admin staff with all their required details along with all required transaction handling. It has facilities to create a new course, register a content-developer to a course and give his/her rights for each course, upload videos and materials. A student can register a course and view its videos and download the materials.

Overview Of PHP

PHP is a server-side scripting language that enables you to build dynamic web pages. PHP pages may contain text, HTML, and script blocks. When a browser requests a PHP page, the PHP script is executed on the web server, and the resulting HTML is displayed in the browser.

CodeIgniter is a PHP framework which works on MVC Model i.e. Model View Controller. This framework has much functionality related to Session, database, Form validation etc. which can be used to produce code more efficiently.

A PHP page must have a PHP-supported extension. Typically, a PHP file ends with .php, although other PHP extensions such as .php4 and .phtml also exist. However, .php is the most common extension.

Procedures

To create a new Controller page

Create a new .php file and define a class which will be same as the file name. As we have to make this class as a controller, we have to inherit CI_Controller class which is predefined in the framework.

To create a new Model page

The procedure will be same as the controller one but now we have to inherit predefined CI_Model class

To create a new View page

View pages are simple HTML pages with css and sometimes, php data.

PHP script blocks

A PHP script block can appear anywhere in a .php page, and each page can contain more than one PHP script block. A PHP script block must begin with <?php and end with ?>.

The following is an example of a PHP script block:

```
<?php

echo "Hello World";

?>
```

Feasibility Study Technical Economical Operational

1. Technical *F*easibility Study

A study of resource availability that may affect the ability to achieve an acceptable system. This evaluation determines whether the technology needed for the proposed system is available or not.

- Can the work for the project be done with current equipment existing software technology & available personal?
- Can the system be upgraded if developed?
- If new technology is needed then what can be developed?

This is concerned with specifying equipment and software that will successfully satisfy
the user requirement. The technical needs of the system may include:

2. Financial Feasibility Study

Economic justification is generally the "Bottom Line" consideration for most systems.Economic justification includes a broad range of concerns that includes cost benefitanalysis. In this we weight the cost and the benefits associated with the candidatesystem and if it suits the basic purpose of the organization i.e. profit making, the projectis making to the analysis and design phase.

The financial and the economic questions during the preliminary investigation are verified to estimate the following:

- The cost to conduct a full system investigation.
- The cost of hardware and software for the class of application being considered.
- The benefits in the form of reduced cost.
- The proposed system will give the minute information, as a result theperformance is improved which in turn may be expected to provide increased profits.

3. Operational Feasibility Study

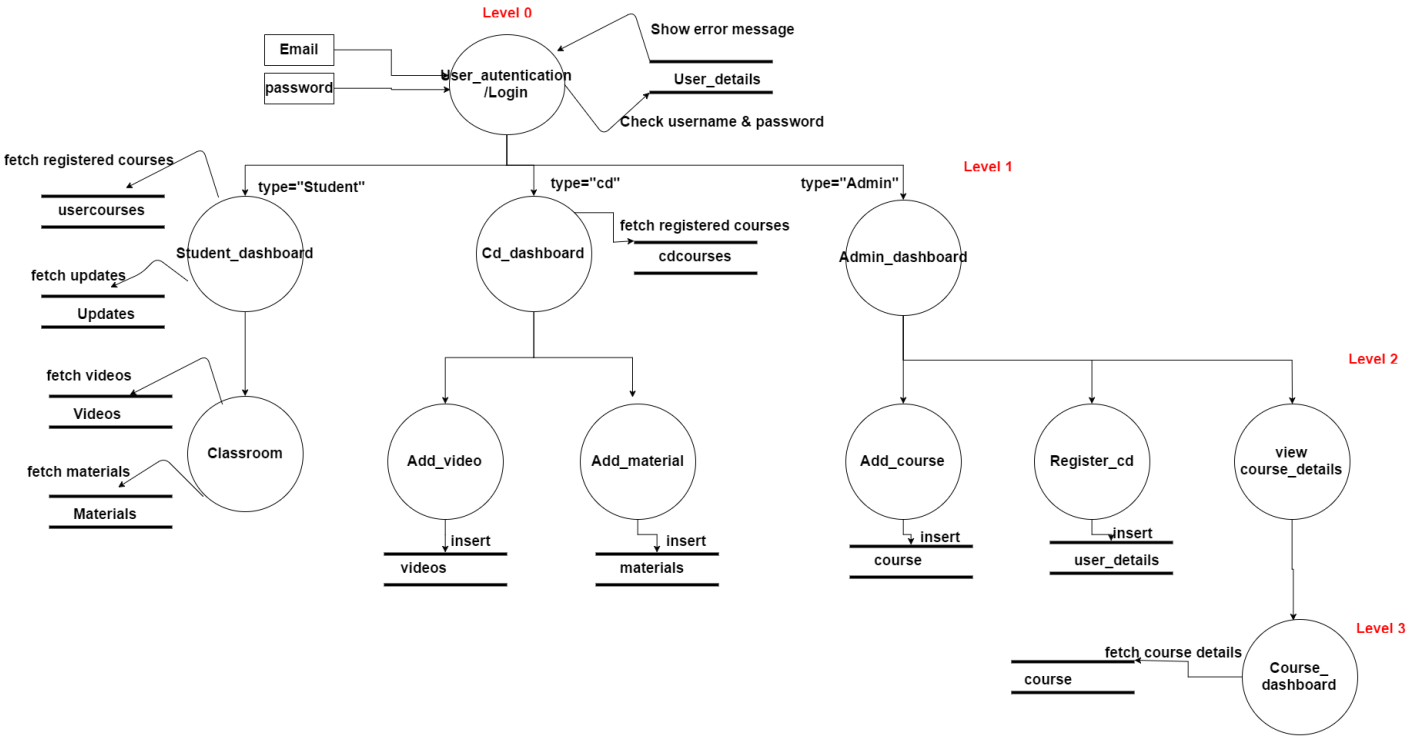
It is mainly related to human organizations and political aspects. The points to be considered are:

- What changes will be brought with the system?
- What organization structures are disturbed?
- What new skills will be required? Do the existing staff members have these skills? If not, can they be trained in due course of time?

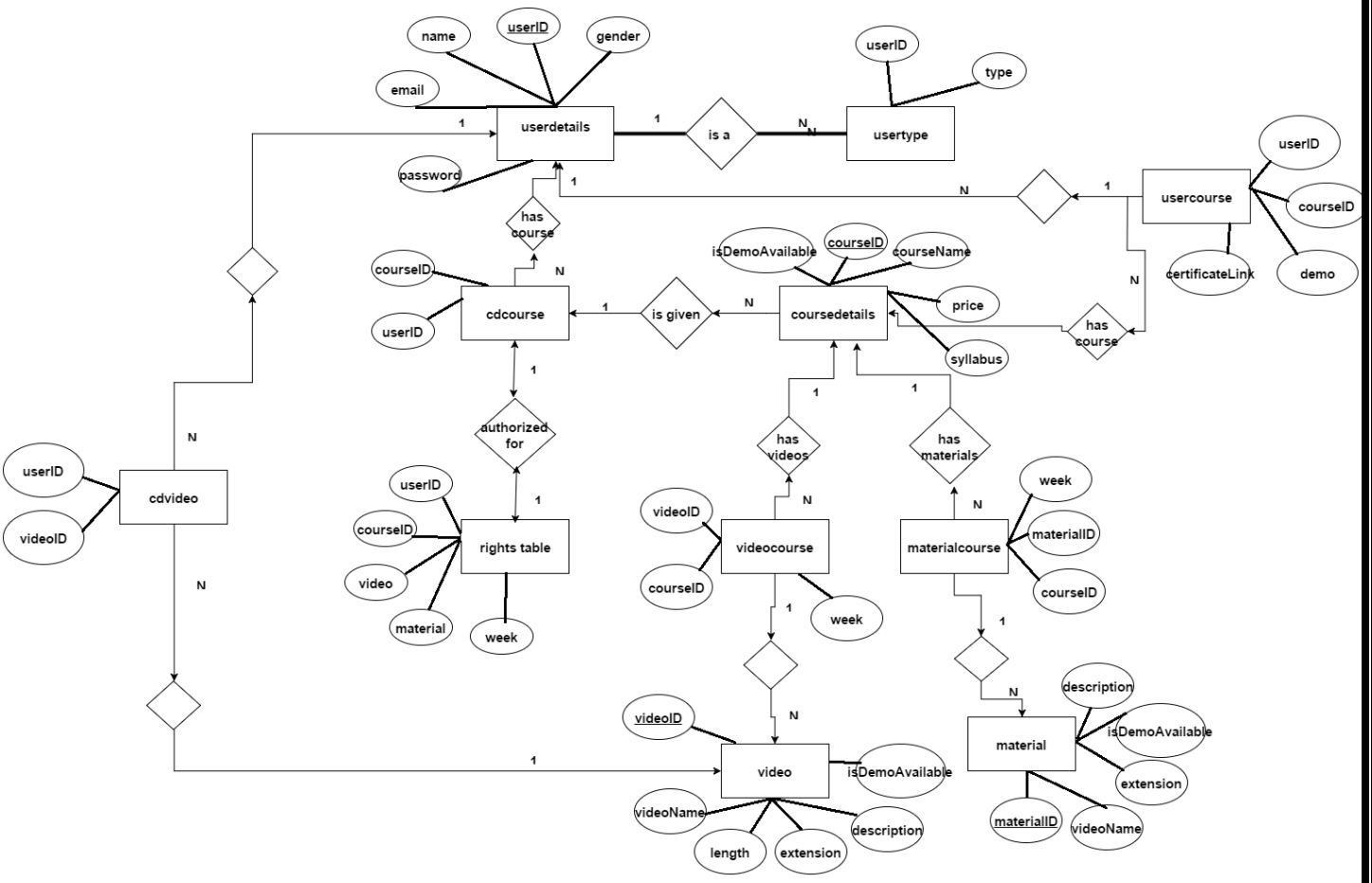
System Analysis And Design

System Designing procss is related to whole design which we done in our project. This designing process contains design of dataflow diagram, Entity relationship diagram, Designing of user interface and database design and all other designing part of the project.

Data Flow diagram



ER-Diagram



Hardware And Software Requirement

Server Side Hardware and Software Requirement:

- Windows Operating System
- Wamp server
- High End Server
- 4 GB RAM
- 1 TB Hard-disk

Development Side Hardware and Software Requirement:

1) PHP
2) CodeIgniter
3) Notepad++
4) HTML (Create Web functionality)
5) CSS (Generic Look & Feel)
6) JavaScript (Basic Validation)
7) Operating System (to improve overall project efficiency)
8) 2 GB RAM
9) Wamp server
10) My SQL.

Client Side Hardware and Software Requirement:

- Web Browser (Google Chrome, Mozilla, Internet Explorer etc...)
- 1 GB RAM minimum
- Processor Pentium-II or higher
- Processor Speed 533 MHZ
- Front end HTML, CSS

Knowledge, Training, And Skills

The PHP programming language and MySQL™ database provide a powerful, open, and free platform for developing database-driven Web sites to emerge during the past decade.

MySQL is the open source community's most popular Relational Database Management System (RDBMS) offering, and is a key part of LAMP - Linux, Apache, MySQL, PHP/Perl/Python.

This MySQL Developer course is the foundation course for students planning on designing and implementing applications that make use of MySQL. This course

covers essential SQL statements for data design, querying, and programming.
The PHP training course aims to teach a set of basic, intermediate and advanced skills for implementing practical, industrial-strength PHP-based enterprise Web applications. Our best PHP training course encourages the participant to explore MySQL database fundamentals, as well as MySQL features.
This hand on **PHP Programming course** provides the knowledge necessary to design and develop dynamic, database-driven web application using PHP version 5.5. PHP is a programming language written for the web, quick to learn, easy to deploy and provides substantial functionality required for e-commerce. This course introduces the PHP framework and syntax, and covers in depth the most important techniques used to build dynamic web sites.

Skills:

- JavaScript, HTML, and CSS
- Knowing What You Don't Know
- Project Management
- Networking

Database Design

database name:- coaching

Table
cdcourse
cdmaterial
cdvideo
ci_sessions
complain
coursedetails
marks
material
materialcourse
payment
quizcourse
quizquestion
rightstable
update
usercourse
userdetails
usertype
video
videocourse

tables of database:-

User details:

Name
userID
name
email
username
password
phone
dob
gender
city
remarks
updatedby
status
timestmp

Course Details:

courseID
courseName
price
syllabus
about
isDemoAvailable
remarks
updatedby
status
timestmp

User type:

userID	int(11)
user	enum('Admin', 'Student', 'cd')
remarks	varchar(250)
updatedby	int(11)
status	int(11)
timestmp	timestamp

Video:

videoID	int(11)
videoName	varchar(100)
isDemoAvailable	tinyint(1)
description	text
language	varchar(1)
length	float(2,2)
remarks	varchar(250)
updatedby	int(11)
status	int(11)
timestmp	timestamp

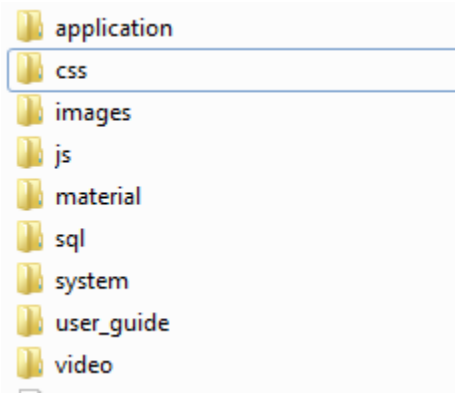
Video Course:

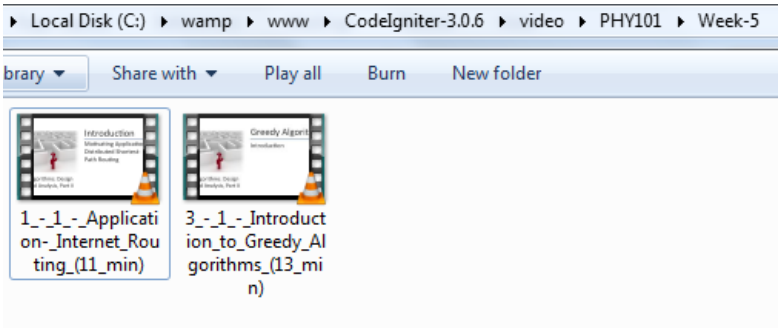
courseID
videoID
week
remarks
updatedby
status
timestmp

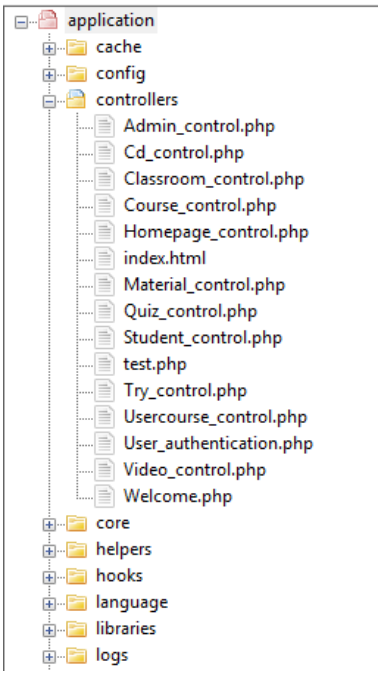
Rights Table

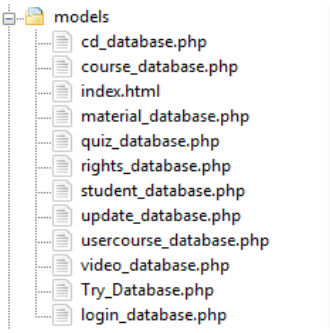
week	int(11)
userID	int(11)
courseID	int(11)
video	tinyint(1)
material	tinyint(1)
quiz	tinyint(1)
remarks	varchar(250)
updatedby	int(11)
status	int(11)
timestmp	timestamp

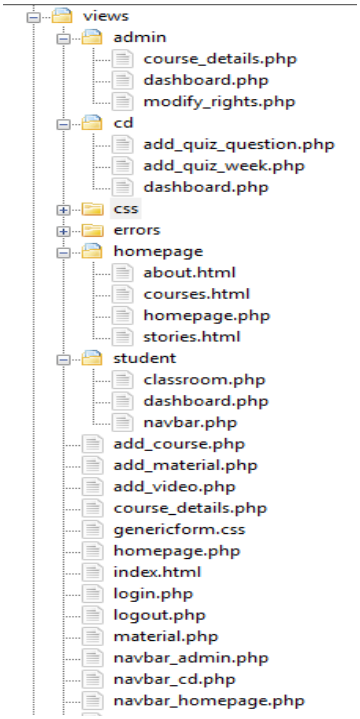
Directory Structure:











Code

Controllers: Homepage control

```php
<?php

    class Homepage_control extends CI_Controller{

        public function index(){
            $this->load->view('navbar_homepage');
            $this->load->view('homepage/homepage');
        }

        public function about(){
            $this->load->view('navbar_homepage');
            $this->load->view('homepage/about.html');
        }

        public function courses(){
            $this->load->view('navbar_homepage');
            $this->load->view('homepage/courses.html');
        }

        public function stories(){
            $this->load->view('navbar_homepage');
            $this->load->view('homepage/stories.html');
        }
    }
?>
```

Login/Signup Controller

```php
<?php
class User_authentication extends CI_Controller {

    public function __construct() {
        parent::__construct();

        $this->load->library('form_validation');
        $this->load->model('login_database');
        $this->load->model('cd_database');
        $this->load->model('course_database');
        $this->load->model('usercourse_database');
        $this->load->model('update_database');
        $this->load->model('student_database');
    }

    public function index() {
        $this->load->view('navbar_homepage');
        $this->load->view('homepage/homepage');
    }

    public function student_registration_show(){
        $data['type']="Student";
        $this->load->view('navbar_homepage');
        $this->load->view('signup',$data);
    }

    public function login(){
        $this->load->view('navbar_homepage');
        $this->load->view('login');
    }
```

```
public function register_show(){

    $data['courses'] = $this->course_database->getall();
    $this->load->view('register',$data);
}

public function cd_registration_show(){
    $data['type']="cd";
    $this->load->view('navbar_admin');
    $this->load->view('signup',$data);
}

public function new_user_registration()
{
    $this->form_validation->set_rules('email', 'Email', 'trim|required|valid_email');
    $this->form_validation->set_rules('name', 'Name', 'trim|required|min_length[3]|max_length[100]');
    $this->form_validation->set_rules('password', 'Password', 'trim|required|min_length[5]|max_length[15]');
    $this->form_validation->set_rules('rpassword', 'Password', 'trim|required|matches[password]');
    $this->form_validation->set_rules('phone', 'Contact', 'trim|required|min_length[8]|max_length[12]');
    $this->form_validation->set_rules('gender', 'Gender', 'trim|required');
    $this->form_validation->set_rules('city', 'City', 'trim|required|min_length[3]|max_length[20]');
    $this->form_validation->set_rules('dob', 'DOB', 'trim|required');
    $this->form_validation->set_rules('t&c', 'Terms and condition', 'trim|required');

    if ($this->form_validation->run() == FALSE)
    {
        $data['type']=$this->input->post('type');
        if($data['type']=="cd")
        {
            $this->load->view('navbar_admin');
            $this->load->view('signup',$data);
        }
```

```
        else
        {
            $this->load->view('navbar_homepage');
            $this->load->view('signup',$data);
        }
    }
    else
    {
        $data = array(
            'name' => $this->input->post('name'),
            'email' => $this->input->post('email'),
            'password' => MD5($this->input->post('password')),
            'phone' => $this->input->post('phone'),
            'dob' => $this->input->post('dob'),
            'gender' => $this->input->post('gender'),
            'city' => $this->input->post('city'),
            'updatedby' => 'NULL',
            'status' => 'NULL'
        );

        $result = $this->login_database->registration_insert($data);

        if ($result == TRUE)
        {
            $userID = $this->login_database->get_userID($data['email']);

            $userid=$userID[0]->userID;
            //echo $this->input->post('type');

            $data = array(
                'userID' => $userid,
                'user'   => $this->input->post('type'),
                'updatedby' => 'NULL',
                'status' => 'NULL'
```

```
            $this->login_database->registration_type_insert($data);

            $data['message_display'] = 'Registration Successfully !';

            $this->load->view('navbar_homepage');
            $this->load->view('login', $data);
        }
        else
        {
            $data['message_display'] = 'Username already exist!';
            $data['type']=$this->input->post('type');

            if($data['type']=="cd")
            {
                $this->load->view('navbar_admin');
                $this->load->view('signup',$data);
            }
            else
            {
                $this->load->view('navbar_homepage');
                $this->load->view('signup',$data);
            }
        }
    }
}
```

```
public function user_login_process() {

    $this->form_validation->set_rules('email', 'Email', 'trim|required');
    $this->form_validation->set_rules('password', 'Password', 'trim|required');

    if ($this->form_validation->run() == FALSE)
    {
            $this->load->view('navbar_homepage');
            $this->load->view('login');
    }
    else
    {
        $data = array(
        'email' => $this->input->post('email'),
        'password' => MD5($this->input->post('password'))
        );

        $result = $this->login_database->login($data);
        $userid=$result[0]->userID;

        if ($result != -1)
        {
            $type = $this->login_database->read_usertype($userid);
            //echo "b".$userid."b";

                $session_data = array(
                'type' => $type[0]->user,
                'userid' => $userid,
                'logged_in' =>TRUE
                );

                $this->session->set_userdata($session_data);

                if($this->session->userdata['type']=='Student')
```

```
                if($this->session->userdata['type']=='Student')
                {
                    $data['courses'] = $this->usercourse_database->get_courses($userid);
                    $data['name'] = $this->student_database->get_name($userid);
                    $data['userid'] = $userid;
                    $data['updates']=[];

                    foreach($data['courses'] as $course){

                        $result = $this->update_database->give_updates($course->courseID);
                        array_push($data['updates'],$result);
                    }

                    $this->load->view('navbar_student',$data);
                    $this->load->view('student/dashboard',$data);
                }

                else if($this->session->userdata['type']=='Admin')
                {
                    $data['courses'] = $this->course_database->getall();
                    $data['cd'] = $this->cd_database->getall();

                    $this->load->view('navbar_admin');
                    $this->load->view('admin/dashboard',$data);
                }
                else if($this->session->userdata['type']=='cd') //$this->load->view('logout');
                {

                    $data['cd_courses'] = $this->cd_database->fetch_courses($userid);
                    $data['name'] = $this->student_database->get_name($userid);
                    $data['userid']=$userid;

                    $this->load->view('navbar_cd',$data);
                    $this->load->view('cd/dashboard',$data);
```

```
                }

            }
            else
            {
                $data = array(
                'error_message' => 'Invalid Username or Password'
                );
                $this->load->view('navbar_homepage');
                $this->load->view('login', $data);
            }
        }
    }

    public function logout() {

        $sess_array = array(
            'userid' => '-1',
            'type' => 'unknown',
            'logged_in' => FALSE
        );

        $this->session->unset_userdata($sess_array);
        $data['message_display'] = 'Successfully Logout';
        $this->load->view('navbar_homepage');
        $this->load->view('login', $data);
    }
}
?>
```

Video_controller:

```
<?php

	class Video_control extends CI_Controller{

		public function __construct() {
			parent::__construct();

			$this->load->library('form_validation');
			$this->load->model('rights_database');
			$this->load->model('video_database');
			$this->load->model('course_database');
			$this->load->model('update_database');
			$this->load->model('student_database');
		}

		public function add_video(){

			$this->form_validation->set_rules('name', 'Video Name','required');
			$this->form_validation->set_rules('week', 'Week', 'required');
			$this->form_validation->set_rules('length', 'Length', 'required');
			$this->form_validation->set_rules('des', 'Description', 'required');

			if($this->form_validation->run() == TRUE){

				$data = array(
					'week' => $this->input->post('week'),
					'userID' => $this->input->post('userID'),
					'userid' => $this->input->post('userID'),
					'courseID' => $this->input->post('courseID'),
					'thing' => 'video'
				);

				$authorize = $this->rights_database->check_rights($data);

				if($authorize == 1){

					if($this->input->post('demo') != NULL) $demo=1;
					else $demo=0;

					$vid_info = array(
						'videoName' => $this->input->post('name'),
						'isDemoAvailable' => $demo,
						'description' => $this->input->post('des'),
						'language' => $this->input->post('language'),
						'length' => $this->input->post('length'),
```

```
                'updatedby' => 'NULL',
                'status' => 'NULL'
            );

            $result = $this->video_database->insert_video($vid_info);

            $videoID = $result[0]->videoID;

            $data = array(
                'courseID' => $this->input->post('courseID'),
                'videoID' => $videoID,
                'week' => $this->input->post('week'),
                'updatedby' => 'NULL',
                'status' => 'NULL'
            );

            $this->video_database->insert_videocourse($data);

            $data = array(
                'userID' => $this->input->post('userID'),
                'videoID' => $videoID,
                'updatedby' => 'NULL',
                'status' => 'NULL'
            );

            $this->video_database->insert_cdvideo($data);

            $data = array(
                'courseID' => $this->input->post('courseID'),
                'title' => "Added Video of week:".$this->input->post('week'),
                'description' => $this->input->post('name')
            );

            $this->update_database->add_update($data);

            $data = array(
                'courseID' => $this->input->post('courseID'),
                'userid' => $this->input->post('userID'),
                'week' => $this->input->post('week')
            );
            //echo print_r($data);
            $data['name'] = $this->student_database->get_name($data['userid']);
            $this->load->view('navbar_cd',$data);
            $this->load->view('upload_video',$data);

    }
    else{
```

```
                                        $data = array(
                                                'courseID' => $this->input->post('courseID'),
                                                'userID' => $this->input->post('userID'),
                                                'userid' => $this->input->post('userID'),
'message_display' => "Not authorized for adding video of this week. Contact admin for further assistance."
                                        );
                                        $data['courseName']  = $this->course_database->getName($data['courseID']);

                                        $data['name'] = $this->student_database->get_name($data['userID']);
                                        $this->load->view('navbar_cd',$data);
                                        $this->load->view('add_video',$data);
                                }

                }
                else{
                        $data = array(
                                'courseID' => $this->input->post('courseID'),
                                'userid' => $this->input->post('userID'),
                                'userID' => $this->input->post('userID')
                        );
                        $data['courseName']  = $this->course_database->getName($data['courseID']);

                        $data['name'] = $this->student_database->get_name($data['userID']);
                        $this->load->view('navbar_cd',$data);
                        $this->load->view('add_video',$data);
                }
}

public function upload_video()
{
        $courseID = $this->input->post('courseID');
        $week = $this->input->post('week');
        $userID = $this->input->post('userID');

        $coursename = $this->course_database->getName($courseID);
        $courseName = $coursename[0]->courseName;

        $path = "./video/".$courseName."/Week-".$week."/";
        if(!is_dir($path)) mkdir($path,0755,TRUE);

        $config['upload_path']   = $path;
        $config['allowed_types'] = 'mp4|wmv';
        $config['max_size']      = '1000000000000000';
        $config['max_width']     = '2024';
        $condif['max_height']    = '1468';

        $this->load->library('upload',$config);
        $this->upload->initialize($config);
```

```
                                        if(!$this->upload->do_upload('userfile')){
                                                //echo "aab";

                                                $data = array(
                                                        'courseID' => $this->input->post('courseID'),
                                                        'week' => $this->input->post('week'),
                                                        'userID' => $this->input->post('userID'),
                                                        'userid' => $this->input->post('userID'),
                                                        'error_message' => $this->upload->display_errors()
                                                );

                                                $this->load->view('navbar_cd',$data);
                                                $this->load->view('upload_video',$data);
                                        }
                                        else{

                                                $data = array(
                                                        'courseID' => $courseID,
                                                        'userID' => $userID,
                                                        'userid' => $userID,
                                                        'message_display' => "Added successfully!"
                                                );
                                                $data['courseName']  = $this->course_database->getName($data['courseID']);

                                                $data['name'] = $this->student_database->get_name($data['userID']);
                                                $this->load->view('navbar_cd',$data);
                                                $this->load->view('add_video',$data);
                                        }
                        }
                }
        ?>
```

Admin Controller

```
<?php
        class Admin_control extends CI_Controller {

                public function __construct() {
                parent::__construct();

                        $this->load->model('cd_database');
                        $this->load->model('course_database');
                        $this->load->model('rights_database');
                }

                public function show_course_dashboard(){
```

```
		if($this->session->userdata('userid') == -1 || $this->session->userdata('type')!='Admin')
		{
			$this->load->view('navbar_homepage');
			redirect('User_authentication/login','refresh');
		}

		$data['all_cds']  = $this->cd_database->getall();
		$cid = $this->input->post('course');
		$data['cID']=$cid;
		//echo $cid;
		$data['coursecd'] = $this->cd_database->course_cds($this->input->post('course'));

		$this->load->view('navbar_admin');
		$this->load->view('admin/course_details',$data);
	}

	public function show_dashboard(){

		if($this->session->userdata('userid') == -1 || $this->session->userdata('type')!='Admin')
		{
			$this->load->view('navbar_homepage');
			redirect('User_authentication/login','refresh');
		}

		$data['courses'] = $this->course_database->getall();
		$data['cd'] = $this->cd_database->getall();

		$this->load->view('navbar_admin');
		$this->load->view('admin/dashboard',$data);
	}

	public function add_cd(){

		if($this->session->userdata('userid') == -1 || $this->session->userdata('type')!='Admin')
		{
			$this->load->view('navbar_homepage');
			redirect('User_authentication/login','refresh');
		}

		$data = array(
			'userID' => $this->input->post('cd'),
			'courseID' => $this->input->post('courseID'),
			'updatedby' => 'NULL',
			'status' => 'NULL'
			);
		//echo $data['userID'].$data['courseID'];
		$this->cd_database->add_cdcourse($data);
```

```
		$data = array(
			'courseID' =>$this->input->post('courseID'),
			'userID' => $this->input->post('cd'),
			);
		//$data['cd_name'] = $this->cd_database->get_name(data['userID']);
		//$data['course_name'] = $this->course_database->get_name(data['courseID']);

		$this->load->view('navbar_admin');
		$this->load->view('admin/modify_rights',$data);
	}

	public function modify_rights(){

		if($this->session->userdata('userid') == -1 || $this->session->userdata('type')!='Admin')
		{
			$this->load->view('navbar_homepage');
			redirect('User_authentication/login','refresh');
		}

		$week = $this->input->post('week');
		$week_arr = explode('-',$week);

		$to = ($week_arr[1]);	//CHANGE HERE
		$from = ($week_arr[0]);

		//echo $to,$from;

		if($this->input->post('video') != NULL) $video=1;
		else $video=0;
		if($this->input->post('material') != NULL) $material=1;
		else $material=0;
		if($this->input->post('quiz') != NULL) $quiz=1;
		else $quiz=0;

		for($we=$from;$we<=$to;$we++)
		{
			$data = array(
				'week' => $we,
				'video' => $video,
				'material' => $material,
				'quiz' => $quiz,
				'updatedby' => 'NULL',
				'status' => 'NULL',
				'userID' => $this->input->post('userID'),
				'courseID' => $this->input->post('courseID')
			);
```

```
                                        $this->rights_database->add_rights($data);
                                }

                                $data['courses'] = $this->course_database->getall();
                                $data['cd'] = $this->cd_database->getall();

                                $this->load->view('navbar_admin');
                                $this->load->view('admin/dashboard',$data);
                        }
}
?>
```

Course controller

```
<?php

Class Course_control extends CI_Controller {

        public function __construct() {
        parent::__construct();

          $this->load->library('form_validation');
                $this->load->model('course_database');
                $this->load->model('student_database');
        }

        public function index() {
                $this->load->view('navbar_admin');
                $this->load->view('add_course');
        }

        public function add_course() {

                $this->form_validation->set_rules('name', 'Course Name', 'trim|required');
                $this->form_validation->set_rules('price', 'Price', 'trim|required');
                $this->form_validation->set_rules('syllabus', 'Syllabus', 'trim|required');
                $this->form_validation->set_rules('about', 'About', 'trim|required');

                if ($this->form_validation->run() == FALSE)
                {
                        $this->load->view('navbar_admin');
                        $this->load->view('add_course');
                }
                else
                {
                        if($this->input->post('demo') != NULL) $demo=1;
                        else $demo=0;

                        $data = array(
```

```
                        'courseName' => $this->input->post('name'),
                        'price' => $this->input->post('price'),
                        'syllabus' => $this->input->post('syllabus'),
                        'about' => $this->input->post('about'),
                        'isDemoAvailable' => $demo,
                        'updatedby' => 'NULL',
                        'status' => 'NULL'
                );

                $result = $this->course_database->add_course($data);

                $this->load->view('navbar_admin');
                if ($result == TRUE)
                {
                        $data['message_display'] = 'Registration Successfully !';
                        $this->load->view('add_course', $data);
                }
                else
                {
                        $data['message_display'] = 'Course already exist!';
                        $this->load->view('add_course', $data);
                }
                //$this->load->view('navbar_admin');
                //$this->load->view('admin/dashboard',$data);
        }

}

public function show_courses(){

        $data['courses'] = $this->course_database->getall();

        if($this->session->userdata('type')=='Student')
        {
                $data['userid'] = $this->session->userdata('userid');
                $data['name'] = $this->student_database->get_name($data['userid']);

                $this->load->view('navbar_student',$data);
                $this->load->view('courses',$data);
        }
        else
        {
                $this->load->view('navbar_homepage');
                $this->load->view('courses',$data);
        }
}
```

```
	public function show_course_details(){

		$courseID = $this->uri->segment(3);

		$data['details'] = $this->course_database->getName($courseID);

		$this->load->view('course_details_register',$data);
	}

}

?>
```

Models:

Login model

```
<?php

Class Login_Database extends CI_Model {

	public function registration_insert($data) {

		$condition = "email =" . "'" . $data['email'] . "'";
		$this->db->select('*');
		$this->db->from('userdetails');
		$this->db->where($condition);
		$this->db->limit(1);
		$query = $this->db->get();

		if ($query->num_rows() == 0) {

		$this->db->insert('userdetails', $data);

		if ($this->db->affected_rows() > 0)
		return true;

		}
		else
		return false;
	}

	public function get_userID($email){

		$condition = "email =" . "'" . $email . "'";
```

```
		$this->db->select('*');
		$this->db->from('userdetails');
		$this->db->where($condition);
		$this->db->limit(1);
		$query = $this->db->get();
		$result = $query->result();

		return $result[0]->userID;
	}

	public function registration_type_insert($data){
		$this->db->insert('usertype', $data);
	}

	public function login($data) {

		$condition = "email =" . "'" . $data['email'] . "' AND " . "password =" . "'" . $data['password'] . "'";
		$this->db->select('userID');
		$this->db->from('userdetails');
		$this->db->where($condition);
		$this->db->limit(1);
		$query = $this->db->get();

		if ($query->num_rows() == 1) {
		return $query->result();
		} else {
		return -1;
		}
	}
	public function read_usertype($userid){

		$condition = "userID =" . $userid;
		$this->db->select('user');
		$this->db->from('usertype');
		$this->db->where($condition);
		$this->db->limit(1);
		$query = $this->db->get();

		if ($query->num_rows() == 1) {
		return $query->result();
		} else {
		return -1;
		}

	}} ?>
```

Video model

```
<?php

	Class Video_Database extends CI_Model {

		public function insert_video($data){
			$this->db->insert('video',$data);

			$condition = "videoName =" . "'" . $data['videoName'] . "'";
			$this->db->select('videoID');
			$this->db->from('video');
			$this->db->where($condition);
			$this->db->limit(1);
			$query = $this->db->get();

			return $query->result();
		}

		public function insert_videocourse($data){
			$this->db->insert('videocourse',$data);
		}

		public function insert_cdvideo($data){
			$this->db->insert('cdvideo',$data);
		}

		public function get_videos($courseid){

			$this->db->select('*');
			$this->db->from('videocourse');
			$this->db->join('video', 'video.videoID = videocourse.videoID');
			$this->db->where('videocourse.courseID', $courseid);
			$this->db->order_by('videocourse.week', 'ASC');
			$q = $this->db->get();

			return $q->result();
		}

		public function get_demo_videos($courseid){

			$this->db->select('*');
			$this->db->from('videocourse');
```

```
                $this->db->join('video', 'video.videoID = videocourse.videoID');
                $this->db->where('videocourse.courseID', $courseid);
                $this->db->where('video.isDemoAvailable', 1);
                $this->db->order_by('videocourse.week', 'ASC');
                $q = $this->db->get();

                return $q->result();
        }

        public function get_details($videoID){

                $this->db->select('*');
                $this->db->from('video');
                $this->db->where('videoID', $videoID);
                $q = $this->db->get();

                return $q->result();
        }
    }
?>
```

Course model

```
<?php

Class Course_Database extends CI_Model {

    public function add_course($data){
        $condition = "courseName =" . "'" . $data['courseName'] . "'";
        $this->db->select('*');
        $this->db->from('coursedetails');
        $this->db->where($condition);
        $this->db->limit(1);
        $query = $this->db->get();

        if ($query->num_rows() == 0) {

        $this->db->insert('coursedetails', $data);

        if ($this->db->affected_rows() > 0)
        return true;

        }
        else
        return false;
    }
```

```
	public function getall(){

		$this->db->select('*');
		$this->db->from('coursedetails');
		$this->db->order_by('courseName', 'ASC');
		$query = $this->db->get();

		return $query->result();
	}

	public function getName($courseID){

		$condition = "courseID =" . $courseID;
		$this->db->select('*');
		$this->db->from('coursedetails');
		$this->db->where($condition);
		$this->db->limit(1);
		$query = $this->db->get();

		return $query->result();
	}

}
?>
```

Content developer Model

```
<?php

Class Cd_Database extends CI_Model {

	public function getall(){

		$query = $this->db->query("
			SELECT t1.name,t2.userID
			FROM `userdetails` AS t1,`usertype` AS t2
			WHERE t1.userID=t2.userID AND t2.user='cd';
		");
		return $query->result();
	}

	public function course_cds($courseID){

		$condition = "cdcourse.courseID =" . $courseID . " AND cdcourse.userID=userdetails.userID";
		$this->db->select('*');
		$this->db->from('cdcourse ,userdetails');
```

```
                $this->db->WHERE($condition);
                $query = $this->db->get();

                return $query->result();
        }

        public function add_cdcourse($data){
                $this->db->insert('cdcourse',$data);
        }

        public function fetch_courses($userid)
        {
                $this->db->select('*');
                $this->db->from('coursedetails');
                $this->db->join('cdcourse', 'coursedetails.courseID = cdcourse.courseID');
                $this->db->where('cdcourse.userID', $userid);
                $q = $this->db->get();

                return $q->result();
        }

        public function remove_cd($userID,$courseID){

                $this->db->where('userID',$userID);
                $this->db->where('courseID',$courseID);
                $this->db->delete('cdcourse');
        }

        public function authenticate($data){

                $this->db->select('*');
                $this->db->from('cdcourse');
                $this->db->WHERE('userid',$data['userid']);
                $this->db->WHERE('courseID',$data['courseID']);
                $query = $this->db->get();

                if($query->num_rows() >= 1) return 1;
                else return 0;
        }
}
?>
```

Rights Model

```
<?php

	class Rights_database extends CI_Model{

		public function add_rights($data){
					$this->db->insert('rightstable', $data);
		}

		public function check_rights($data){

			$condition = "week =" . $data['week'] . " AND userID=".$data['userID']." AND
courseID=".$data['courseID']." AND ".$data['thing']."=1";

			$this->db->select('*');
			$this->db->from('rightstable');
			$this->db->where($condition);
			$this->db->limit(1);
			$query = $this->db->get();

			if ($query->num_rows() == 1)
			return 1;
			else
			return -1;
		}

	}
?>
```

Views:

Student Dashboard

```
<html>
<body>
	<div class='row' style='margin-top:10px;'>
		<div class='col-lg-4'>
			<div class='panel panel-default'>
				<div class="panel-heading normal"><center>Updates</center></div>
			<div class='panel-body'>
```

```
                                        <!-- Updates !-->
                                        <?php

                                                foreach($updates as $course){

                                                        echo "<center><span class='normal' style='font-
weight:5px;'>".$course[0]->courseName."</span></center></br>";

                                                        foreach($course as $c){
                                                                echo "<span class='normal'>"."<span style='font-
weight:bold;'>".$c->title."</span>"." ".$c->description."</span></br>";
                                                        }
                                                        echo "</br>";
                                                }
                                        ?>


                                </div>
                                </div>
                        </div>

                        <div class='col-lg-4'>
                                <div class='panel panel-default'>
                                        <div class="panel-heading normal"><center>Your registered
Courses</center></div>
                                <div class='panel-body'>
                                        <!-- Registered courses !-->
                                        <center>

                                        <?php

                                                foreach($courses as $course){

                                                        if($course->demo==1) $demo="Demo";
                                                        else $demo = "";

                                                        echo "<div class='row' style='margin-top:10px;'>
                                                        <div class='col-lg-10 col-lg-offset-1'>
                                                        <div class='panel panel-default'>
                                                        <div class='panel-body'>";

echo "<span class='normal'>".$course->courseName."  "."<span style='color:red'>".$demo."  </span></span>";
```

```
                                        echo "<button class='button-medium' id='classroom-button'
onclick="."'window.location='""".site_url("Classroom_control/show_classroom/$course->courseID/$course->userID")."""."'
>Go to classroom</button>';

                                        echo "</div></div></div></div>";
                                    }
                                ?>
                                </center>
                            </div>
                            </div>
                        </div>

                        <div class='col-lg-4'>
                            <div class='panel panel-default'>
                                <div class="panel-heading normal"><center>Queries</center></div>
                            <div class='panel-body'>


                            </div>
                            </div>
                        </div>
                </div>
</body>
</html>
```

Class room

```
<html>
<body>

        <p class='normal' style="padding-left:30px;">Course: <?php echo $courseName; ?></p>

        <div class='row' style='margin-top:10px;'>
                <div class='col-lg-4'>
                    <div class='panel panel-default'>
                        <div class='panel-body'>
                            <center><p class="normal">Videos</p></center>
                            <?php
                                //echo "Course:".$data['courseName'];

                                $week=0;

                                foreach($videos as $video){
```

```
                                                    if($week!=$video->week){
                echo "<span style='font-weight:bold;' class='normal'>"."Week ".$video->week."</span></br>";
                                                        $week = $video->week;
                                                    }

                echo "   "."<span class='normal'>".$video->videoName."</span></br>";
                                                }

                                                ?>
                                                </br><center><a href="<?php echo
site_url("Material_control/show_material/$courseID/$userID")?>"><p class="normal">Material</p></a></center>
                                                <center><p class="normal">Quiz</p></center>
                                        </div>
                                </div>
                        </div>
                        <div class='col-lg-8'>
                                <div class='panel panel-default'>
                                        <div class='panel-body'>

                                        </div>
                                </div>
                        </div>
                </div>
</body>
</html>
```

Content Developer dashboard

```
<html>
<body>

<center>
<p class="normal"> Course registered under you: </p>

<?php

                                foreach($cd_courses as $course){

                                echo "<div class='row' style='margin-top:10px;'>
                                <div class='col-lg-10 col-lg-offset-1'>
                                <div class='panel panel-default'>
                                <div class='panel-body'>";

                                echo "<p class='normal'>".$course->courseName."</p>"; echo "</br>";
```

```
                        echo "<button class='button-medium' id='login-button'
onclick="'window.location='"".site_url("Cd_control/add_video/$course->courseID/$course->userID")."".'" >Add
video</button>';
                        echo "    ";
                        echo "<button class='button-medium' id='login-button'
onclick="'window.location='"".site_url("Cd_control/add_material/$course->courseID/$course->userID")."".'" >Add
Material</button>';
                        echo "    ";
                        echo "<button class='button-medium' id='login-button'
onclick="'window.location='"".site_url("Cd_control/add_quiz/$course->courseID/$course->userID")."".'" >Add
Quiz</button>';
                        echo "    ";
                        echo "</div></div></div></div>";

                }

?>
</center>
</body>
</html>
```

Login

```
<?php error_reporting(0); ?>
<html>
<head>

<title>Login</title>

</head>
<body>

<div class="main">
        <center>

        <div class="row" style="padding-top:80px;">
        <div class="col-lg-4 col-lg-offset-4" >
        <div class="panel panel-default">
                <div class="panel-body">

                <?php
                        if (isset($logout_message)) {
                                echo $logout_message;
                        }
                ?>
                <?php
```

```
                    if (isset($message_display)) {
                        echo $message_display;
                    }
                ?>

                <?php echo form_open('User_authentication/user_login_process'); ?>

                    <table class="table">
                    <tr>
                    <td> <label class="label-small" for="email">E-Mail</label> </td>
                    <td> <input type="text" class="textbox-medium" id="email" name="email"></br> </td>
                    </tr>

                    <tr>
                    <td> <label class="label-small" for="password">Password</label></td>
                    <td> <input type="password" class="textbox-medium" id="password"
name="password"></br></td>
                    </tr>

                    </table>

                    <center>
                        <input type="submit" class="button-large" name="submit" value="Sign In"></br>
                    </center>

                <?php

                    if (isset($error_message)) {
                    echo $error_message;
                    }
                    echo validation_errors();
                ?>
                <?php echo form_close(); ?>
        </center>

        </div>
        </div>
        </div>
        </div>
</div>
</body>
</html>
```

Signup

```
<html>
<head>
```

```
<link href='https://fonts.googleapis.com/css?family=Alegreya+Sans' rel='stylesheet' type='text/css'>

<link rel="stylesheet" type="text/css" href="<?php echo base_url(); ?>css/style.css">
<link rel="stylesheet" type="text/css" href="<?php echo base_url(); ?>css/genericform.css

<title>Banking Coaching</title>

<style>
*{
	margin:0 auto;
}
</style>

</head>

<body>
	<div class="main">
	<div class="row" style="margin-top:40px;">
	<div class="col-lg-4 col-lg-offset-4">
	<div class="panel panel-default">
		<div class="panel-body">
		<center>

		<?php
			if (isset($message_display)) {
				echo $message_display;
			}
		?>
		<?php echo form_open('User_authentication/new_user_registration'); ?>


			<table class="table1">

			<tr>
			<td> <label class="label-small" for="name">Name</label> </td>
			<td> <input type="text" class="textbox-medium" id="name" name="name"></br> </td>
			</tr>

			<tr>
			<td> <label class="label-small" for="email">E-Mail</label> </td>
			<td> <input type="text" class="textbox-medium" id="email" name="email"></br> </td>
			</tr>

			<tr>
			<td> <label class="label-small" for="password">Password</label></td>
```

```
                    <td> <input type="password" class="textbox-medium" id="password"
name="password"></br></td>
                    </tr>

                    <tr>
                    <td> <label class="label-small" for="password">Retype Password</label></td>
                    <td> <input type="password" class="textbox-medium" id="rpassword"
name="rpassword"></br></td>
                    </tr>

                    <tr>
                    <td> <label class="label-small" for="phone">Contact Number</label> </td>
                    <td> <input type="text" class="textbox-medium" id="phone" name="phone"></br> </td>
                    </tr>

                    <tr>
                    <td> <label class="label-small" for="phone">City</label> </td>
                    <td> <input type="text" class="textbox-medium" id="city" name="city"></br> </td>
                    </tr>

                    <tr>
                    <td> <label class="label-small" for="phone">DOB</label> </td>
                    <td> <input type="text" class="textbox-medium" id="dob" name="dob"></br> </td>
                    </tr>

                    <tr>
                    <td style="align:center" colspan=2 style="padding-top:20px;"><input type="radio"
name="gender" value="male" checked> <span class="option">Male</span>  
                    <input type="radio" name="gender" value="female"> <span
class="option">Female</span></td>
                    </tr>

                    <tr>
                            <td  colspan=2><input type="checkbox" name="t&c" value="tc" checked><span
class="checkbox-alert"> I accept the terms and conditions</span></td>
                    </tr>

                    </table>
                    <center>
                    <input type="hidden" name="type" value="<?php echo $type; ?>">
                    <input type="submit" class="button-medium" id="submit" value="Sign Up"></br>
                    </center>
            <?php

                    if (isset($error_message)) {
```

```
                    echo $error_message;
                    }
                    echo validation_errors();
                ?>
                <?php echo form_close(); ?>
                </center>
                </div>
        </div>
        </div>
        </div>
        </div>
</body>


</html>
```

Admin Course details:

```
<html>
<body>

        <center>
        <div class="row">
                <div class="col-lg-3 col-lg-offset-8">
                        <div class="panel panel-default">
                        <div class="panel-heading normal"><center>Add Content Developer</center></div>
                        <div class="panel-body">

                        <?php echo form_open('Admin_control/add_cd'); ?>
                                <select name="cd" id="all_cd" class="combobox-small">
                                        <?php
                                                foreach($all_cds as $cd){
                                                        echo "<option value='".$cd->userID."'>".$cd-
>name."</option>";
                                                }
                                        ?>
                                </select>
                                <input type="hidden" name="43oursed" value=<?php echo $cID; ?> >
                                <input type="submit" class="button-small" name="submit" value="Go"></br>
                        <?php echo form_close(); ?>
                        </div>
                        </div>
                </div>
        </div>
        </center>
```

```
<div>
        <center><p class=”normal”> Content developers of this course</p>

        <?php foreach($coursecd as $cd){

                echo “
                <div class=’row’>
                <div class=’col-lg-3 col-lg-offset-4’>
                        <div class=’panel panel-default’>
                        <div class=’panel-body’>”;

                echo “<span class=’normal’>Name:”.$cd->name.”</span>”;

                echo “<button class=’button-small’ onclick =
“.’”window.location=’.””””.site_url(“Cd_control/remove_cd/$cd->userID/$cID”).””””.’”>Delete</button>’;

                echo “</div></div></div></div>”;
        }
        ?>
        </center>

</div>
</body>
</html>
```

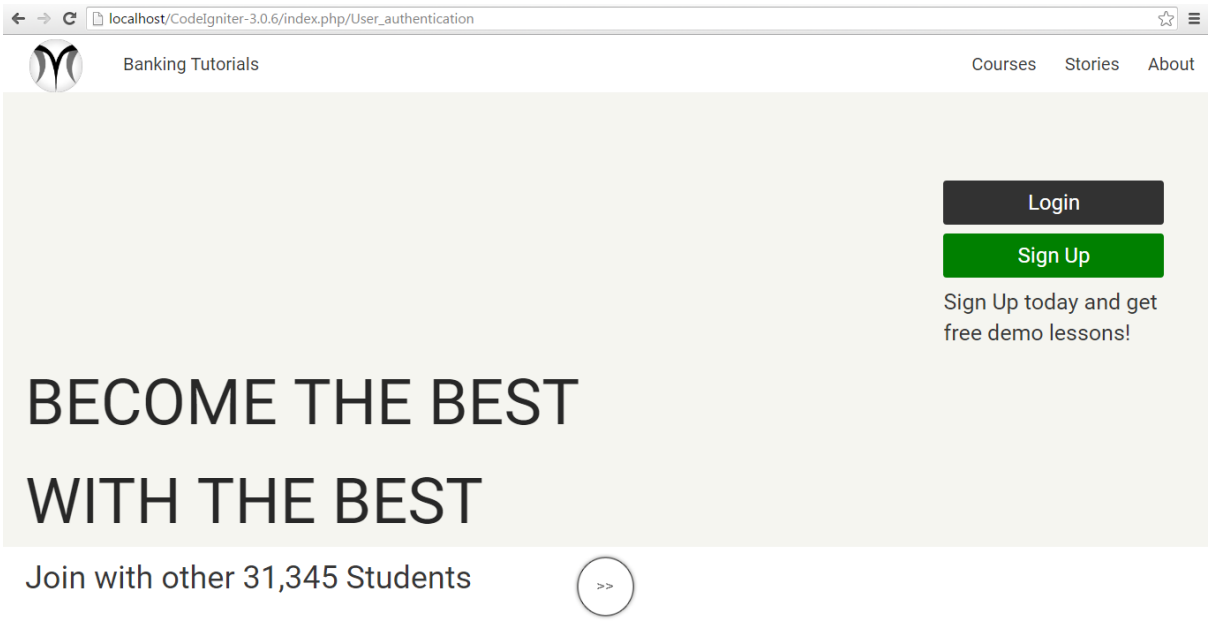
Homepage

```
<html>
<head>
<title>Banking Coaching</title>

<style>

*{
        margin:0 auto;
}

</style>

</head>

<body>


        <div class="main">
```

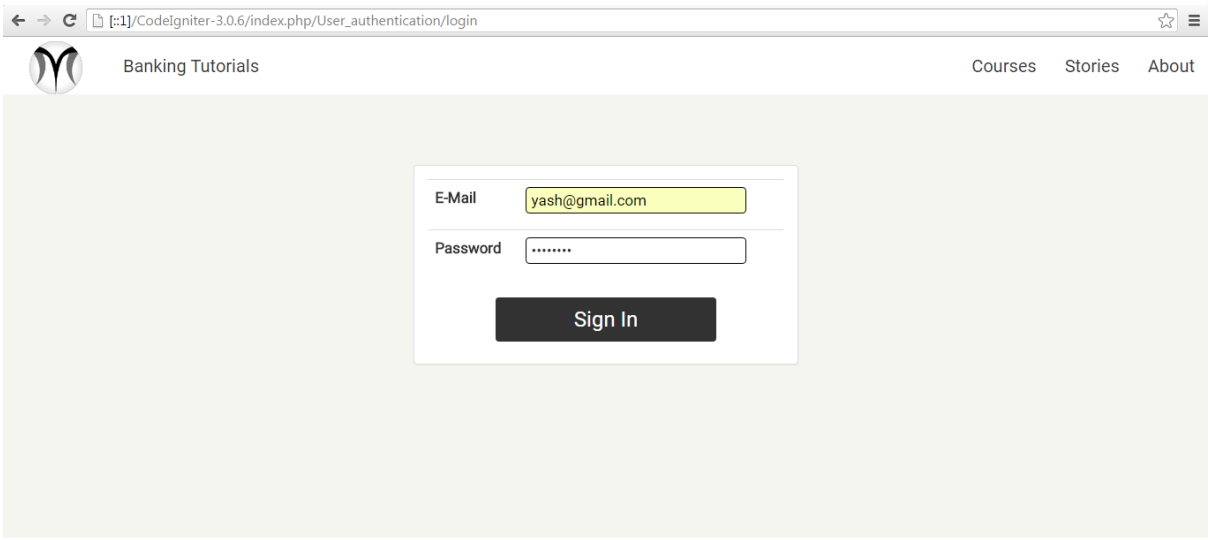
```
                <div class="butt">
                        <button class="button-large" id="login-button" onclick="window.location='<?php echo
site_url("User_authentication/login");?>'">Login</button>
        <button class="button-large button-green" id="signup-button" onclick="window.location='<?php echo
site_url("User_authentication/student_registration_show");?>'">Sign Up</button>
                        <p class="normal" style="font-size:25px" id="right-text">Sign Up today and get free demo
lessons!</p>
                </div>

                <div class="left-text">
                        <p class="biggest" id="tagline1">BECOME THE BEST</p>
                        <p class="biggest" id="tagline2">WITH THE BEST</p>
                </div>

                <div class="left-text">
                        <p class="big" id="tagline3">Join with other 31,345 Students</p>
                </div>
        </div>

        <div class="footer-courses">
                <center>
                        <a alt = "Courses>>" href="courses.html"><img src="../images/forward.png"
style="height:90px;width:90px;"></a>
                </center>
        </div>

</body>
</html>
```

View Of Project

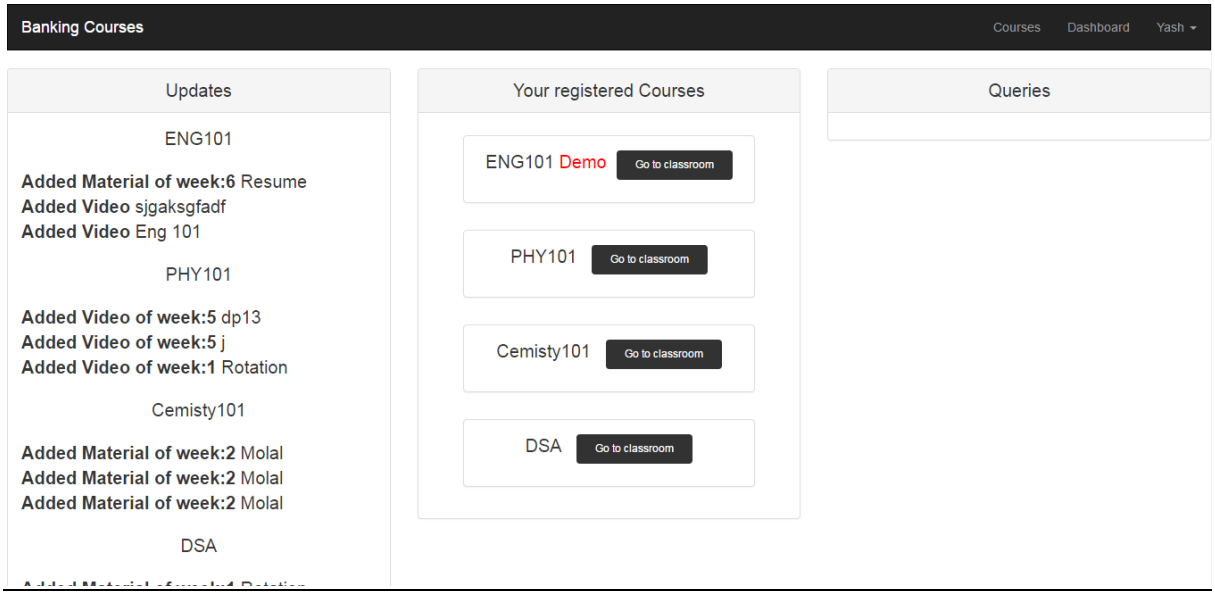
Home page:-



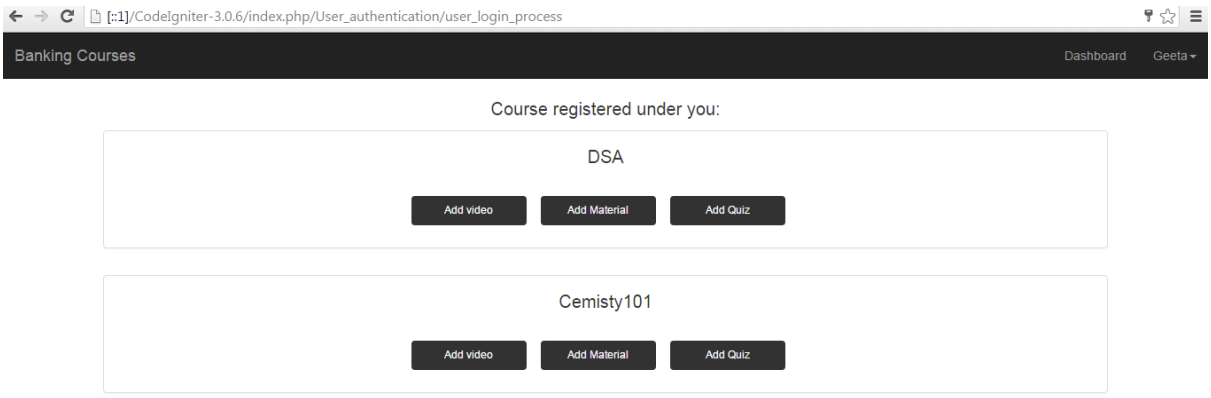
Login:



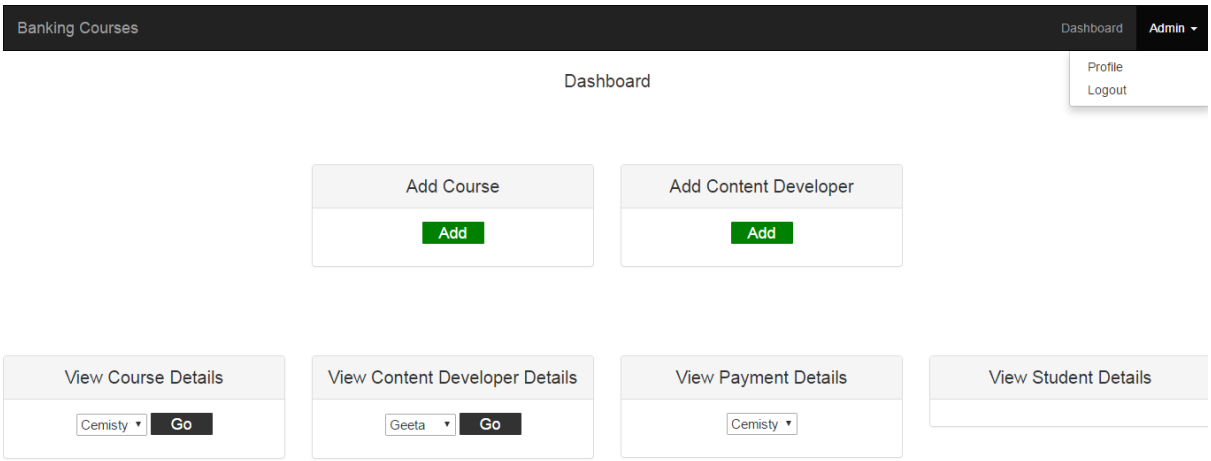
Student dashboard



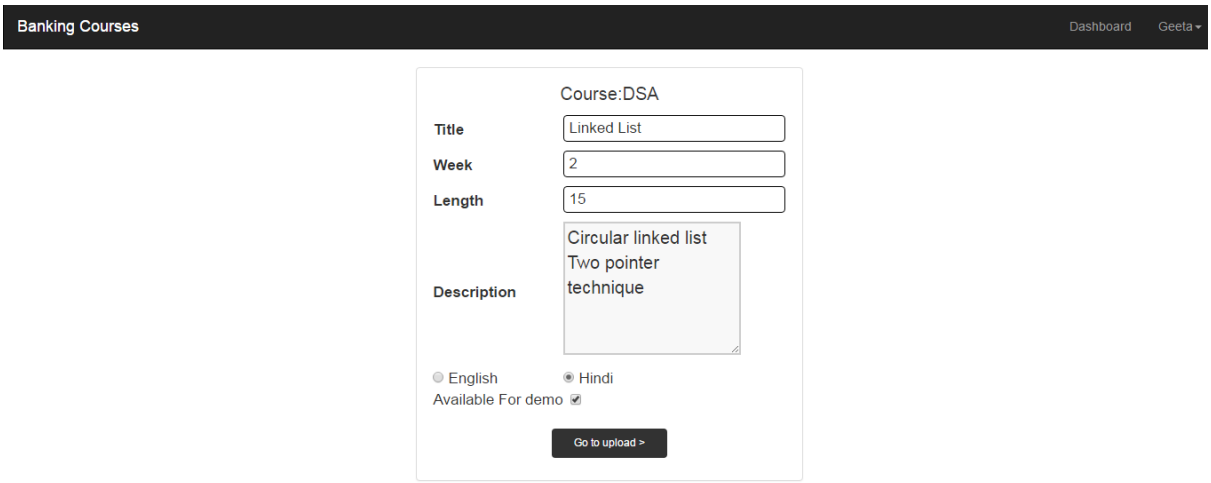
Course developer dashboard

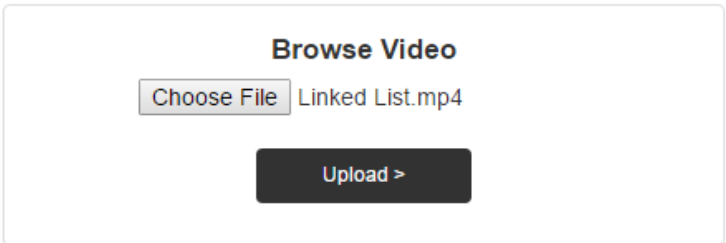


Admin dashboard

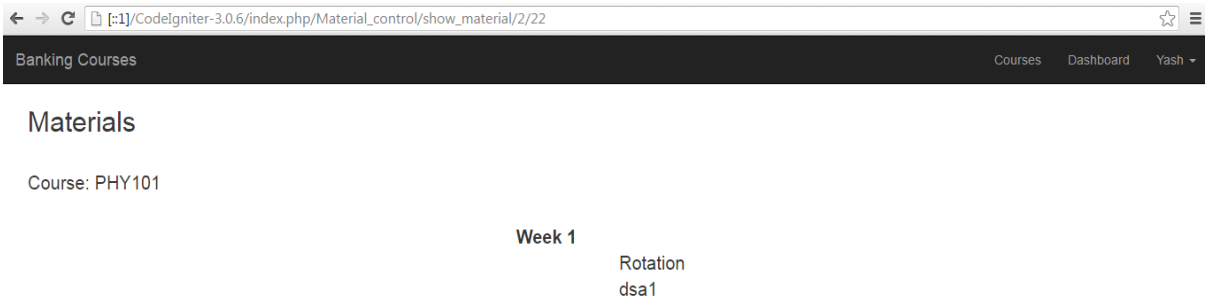


Upload video





Materials



Testing Rules

- Testing is a process of executing a program with the intent of finding an error.
- A good test case is one that has a high probability of finding an as yet undercover error.
- A successful test is one that uncovers a yet undiscovered error.

Testing is the major quality control measure used during software development. Its basic function is to detect errors in the software. Testing not only uncovers errors introduced during coding, but also errors introduced during the previous phases. Thus, the goal of testing is to uncover requirement, design and coding errors in the programs. The starting point of testing is unit testing. In this, a module is tested separately and is often performed by the coder himself simultaneously along with the coding of the module. The purpose is to exercise the different parts of the module code to detect coding errors. After this, the modules are gradually integrated into subsystems, which are then integrated to eventually form the entire system. During integration of modules, integration testing is performed to detect design errors by

focusing on testing the interconnection between modules. After the system is put together, system testing is performed. Here the system is tested against the system requirements to see if all the requirements are met and if the system performs as specified by the requirements. Finally, acceptance testing is performed to demonstrate to the client, on the real life data of the client, the operation of the system.

Depending on the intensity and formality of testing, it can be of two types. CMS undergoes both types of testing.

Walkthrough

Walkthrough is an informal meeting where the author describes the work product to is peers or superiors to get feedback or inform or explain to them the work product. The purpose of the walkthrough is to train or inform someone about a product.

Walkthrough is characteized by

a. Organize events to scrutinize a particular software product- Design, Code, Test Plan

b. Group of individuals perform his activity to detect errors and not correct them.

c. Group includes

- Presenter - Producer of the item to be reviewed and presents the product and walkthroughs it.
- Coordinator - Chairs the walkthrough and records the error.
- Secretary - ensures that the relevant material s prepared before hand to be given to the presenter.
    - Maintenance Oracle - Individuals from Maintenance team.
    - Structural Bearer - Checks adherence to the standards.
    - User Representative - Represents the views of the user.

Peer Review:

Inspection is a fromal evaluation technique in which software requirements, design or code are examined in detail by a person or group other than the author to detect faults, violations of developement standards, and other problems. The purpose of an inspection is to perform a careful scrutiny of the product by peers.

Peer review is characterized by

- Conducted by a team of 3-5 individual.
- Team includes Moderator, Phase Representative, Next Phase Representative, Reader and Recorder.

It consists of five steps

- Overview - It concentrates on the overview of the document to be presented.
- Preparation - The participants try to understand the document in detail. The checklist of potential faults is provided as an aid for finding faults.
- Inspection - The purpose is to find and document faults and not remove them. The faults are categorized and the information is used in the succeeding phases.

Difference between Walkthrough and Peer Review

a. The meetings in Peer Review are more formal as compared to Walkthrough.

b. In walkthrough no time is given before hand to peers whereas in the review of a product, the peers inspect the product and then come to meeting.

Implementation

As the system is tested it starts to move in to the implementation phase. I ideally the system should be completed and fully tested before implementation gets under way but unless a package is being installed this seldom happens. Normally what happens is that part of the system, which is required for file setups are completed first, and this process gets under way. Conversion program may also have to available which allow data from another system to be used in setting up the files. This may be followed by a period of parellel running and then a decision is made to drop the old system.

As soon as the first phase of implementation - file setup starts, all system documentation should be available, viz. user manual computers operating instruction and security procedure. The system then passes from the development staff to the computer operation personnel, and once the system is live strict procedure should be enforced governing programmers access to program and files. The user to implementation by the programmer should establish procedure to control all request for system and program change form the request.

Implementation involve placing the completed and tested system of hardware and software in to the actual work environment of the users when system personanel check out and put new equipment in to use train user personnel, install the new application and construct any file of the data need to use it we say it is implemented.

User Training

From begging the stress was given to involve the end user in software development process itself so that they gain the confidence and knowledge about the working of the software. They always give to use the feedback about the method, which could be implemented to make the softwre development process. They gain knowledge about explorigng the possibility of various reports that could be generated for the management to facilitate their strategic analysis.

Through sufficient knowledge about the software was attained by the end user during the software development process itself. Instead a formal training was imparted to them just to explore them to the real time running software. This gave them opportunity to see the examine their respective visualization of the software which was built up during the training, they were having knowledge about it to some extent from before.

During the internship the normal running of the software was demonstrated to the end users. Each module was shown and the methods were discussed about how to operate those modules in there daily work. Those module represent was shown taugh to them and May variation from the normal procedures which they were discussed and the need for those variation were also told to them.

Limitation

- It could be accesed by a student if a teacher stays logged in and he/she can edit/add their material and videos
- It could all be lost if someone accidently deleted it.
- Accounts can be hacked by session data, if changed
- Quality of materials will be unknown until admin watches it.

Future Scope

Nothing is perfect in this world. So, we are also no exception. Although, we have tried our best to present the information effectively, yet, there can be further enhancement in the Application. We have taken care of all the critical aspects, which need to take care of during the development of the Project. Like the things this project also has some limitations and can further be enhances by some one, because there are certain drawbacks that do not permit the system to be 100% accurate.

Some of the improvements which can be done are:

- Adding comments section to each video
- Updating video description
- Changing/Forgot password feature
- Email validation

Summary and Conclusion

The main objective of this study was to provide a solution which can ease the whole process of learning new courses with rich materials from different coaches from anywhere around the world.

This objective was successfully achieved for a practical solution it is possible to implement Online baking courses. But due to the limited time it is still a prototype which once improved can be successful for such coaching classes.

Reference

I would like to express a deep sense of gratitude and thank **Mr. Surendra Kumar Surana** Director/CEO of Compucom Software Limited, without whose permission, wise counsel and able guidance, it would have not been possible to carry out my project in this manner.

The help rendered by **Mr. Rajesh Kumar Arora**, for experimentation is greatly acknowledged. **ONLINE BANKING COURSES** has launched by Mr. Rajesh Arora , Idea so I thank him.

Finally, I express my indebtedness to all who have directly or indirectly contributed to the successful completion of my major project. And Some Web site is helpful for **ONLINE BANKING COURSES** Project like w3school.com...

BIBILIOGRAPHY & REFRENCES

(1) WWW.W3Schools.com

(2) https://codeigniter.com/docs

Also used some web help

- http://www.w3schools.com/css
- Stackoverflow.com
- Formget.com