

CSCI 399

Assignment 4

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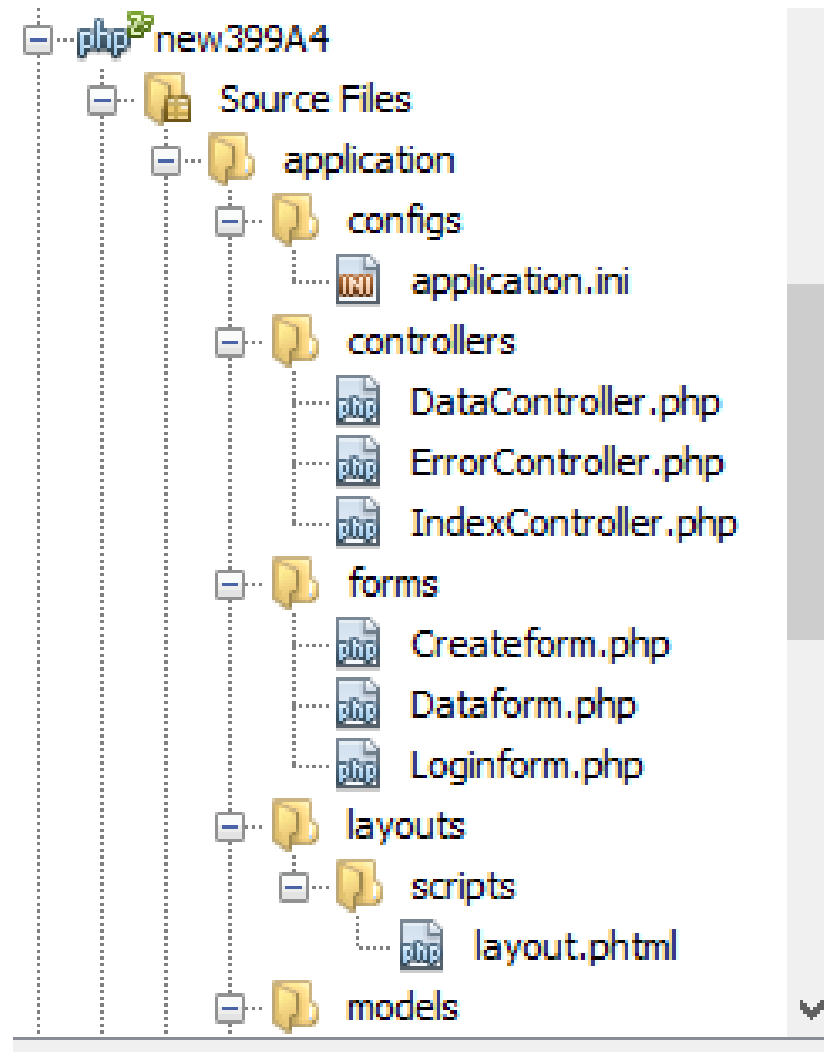
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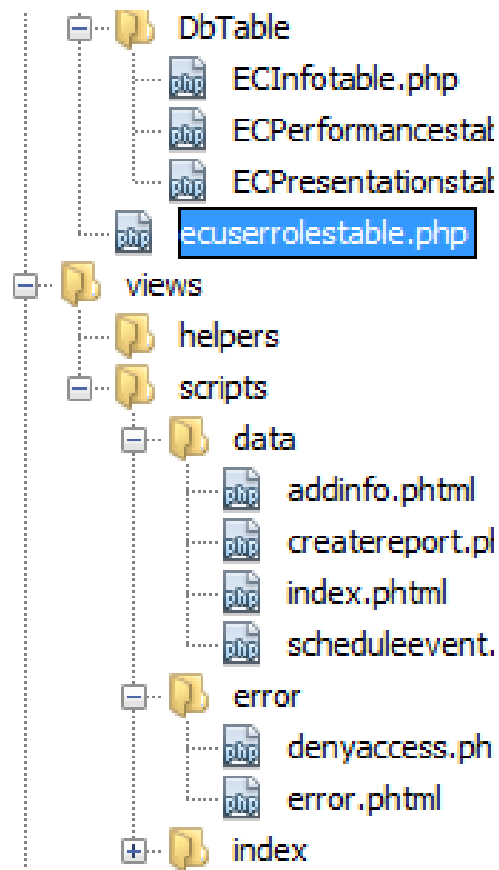
Part 1 Introduction

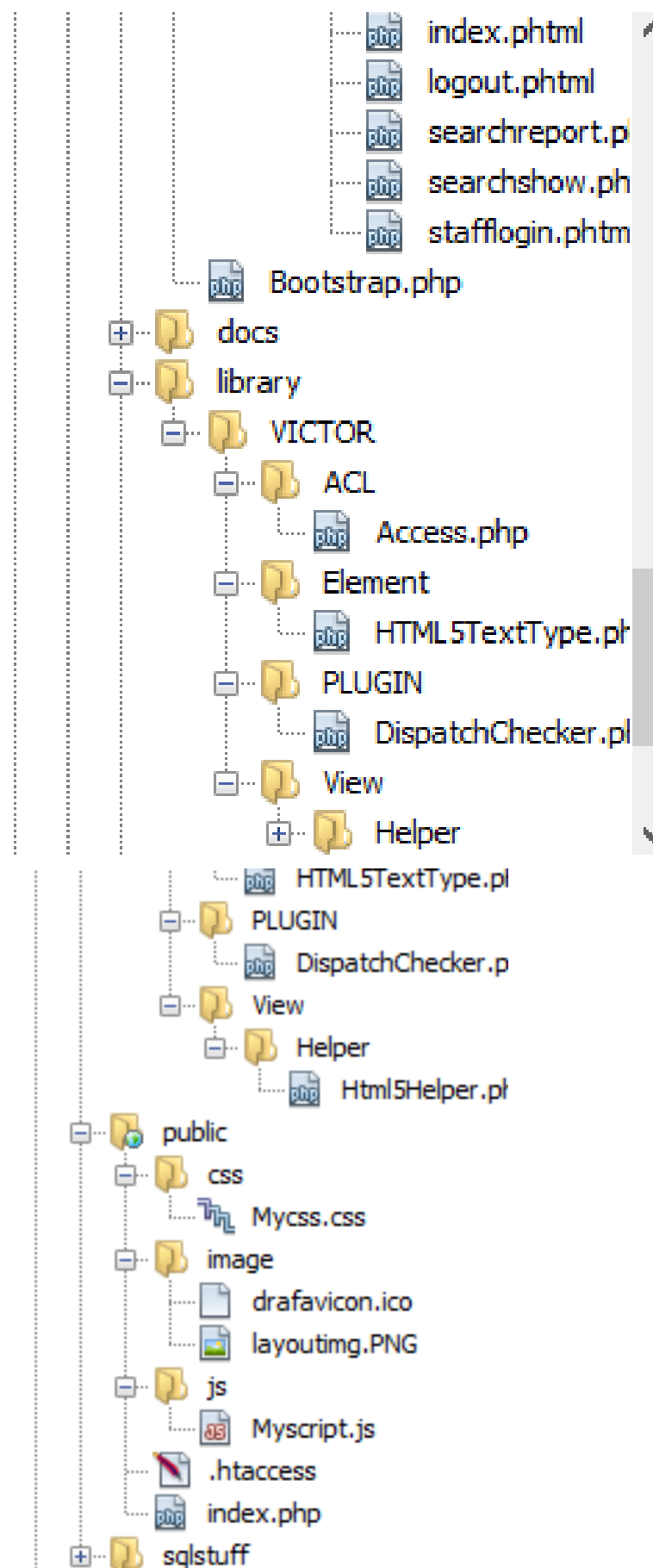
This assignment give me some experience of powerful php framework, zend framework, with construction of web applications based on the “Front Controller” design pattern.

Part 2 Overview

Because zend framework a little complex directory structure, so it will be bit long












Part 3 Demonstration of working site

First everything start with welcome page:

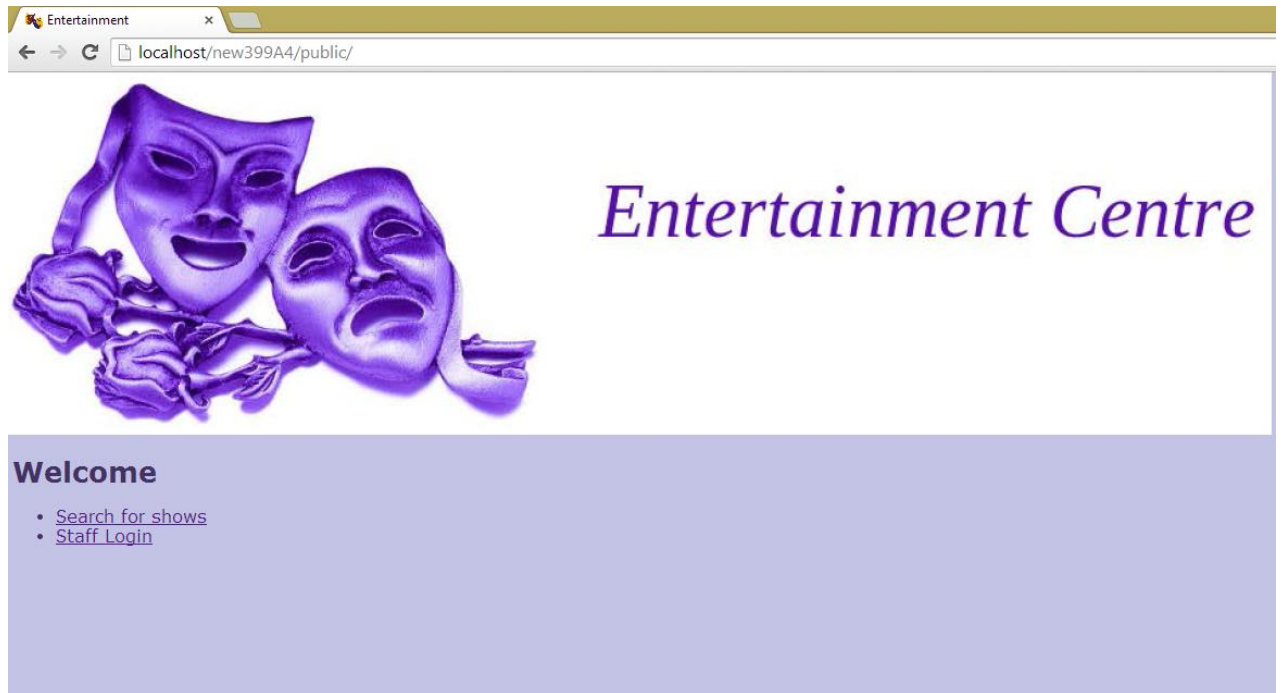
Index of /new399A4

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
<hr/>			
 Parent Directory		-	
 application/	2015-03-25 23:18	-	
 docs/	2015-03-25 19:12	-	
 library/	2015-03-25 20:05	-	
 nbproject/	2015-03-25 19:12	-	
 public/	2015-03-28 19:01	-	
 sqlstuff/	2015-03-26 13:08	-	
 tests/	2015-05-03 19:17	-	

Apache/2.4.9 (Win32) OpenSSL/1.0.1g PHP/5.5.11 Server at localhost Port 80

Click public folder, and it will directly go to welcome page

Yeah,I like add favicon for my page



Then Click search for shows, there are already some data in the database which I used for testing last time:

	mykey	venue	startseason	endseason	genre	title	company	shortdescription
<input type="checkbox"/> Edit Copy Delete	comedy_1	Playhouse	2015-04-08	2015-04-29	Comedy	Friends	NBC	Three young men and three young women - of the BFF...
<input type="checkbox"/> Edit Copy Delete	comedy_2	Playhouse	2015-04-03	2015-04-23	Comedy	two and a half men	CBS	Chiropractor and single father Alan Harper lives i...
<input type="checkbox"/> Edit Copy Delete	opera_1	Opera	2015-04-10	2015-04-21	Opera	Marriage of Figaro	Sydney house	In 1978, when Stephen Spielberg needed music to ev...
<input type="checkbox"/> Edit Copy Delete	opera_2	Opera	2015-03-01	2015-04-09	Opera	The Fairy Queen	Sydney house	The Fairy-Queen (1692; Purcell catalogue number Z....

☐ Check All
 With selected:

+ Options

Click the drop-down arrow to toggle column's visibility

					id	showid	showtime	showdate
<input type="checkbox"/>		Edit		Co	1	matinee	2015-04-09	
<input type="checkbox"/>		Edit		Copy	2	comedy_1	evening	2015-04-11
<input type="checkbox"/>		Edit		Copy	3	comedy_1	matinee	2015-04-12
<input type="checkbox"/>		Edit		Copy	4	comedy_1	evening	2015-04-14
<input type="checkbox"/>		Edit		Copy	5	comedy_1	evening	2015-04-16
<input type="checkbox"/>		Edit		Copy	6	opera_1	matinee	2015-04-11
<input type="checkbox"/>		Edit		Copy	7	opera_1	evening	2015-04-14
<input type="checkbox"/>		Edit		Copy	8	opera_1	evening	2015-04-16
<input type="checkbox"/>		Edit		Copy	12	opera_2	matinee	2015-03-05
<input type="checkbox"/>		Edit		Copy	13	opera_2	evening	2015-03-19
<input type="checkbox"/>		Edit		Copy	14	opera_2	evening	2015-04-07
<input type="checkbox"/>		Edit		Copy	15	comedy_2	evening	2015-04-22
<input type="checkbox"/>		Edit		Copy	16	comedy_2	evening	2015-04-09
<input type="checkbox"/>		Edit		Copy	17	comedy_2	matinee	2015-04-06

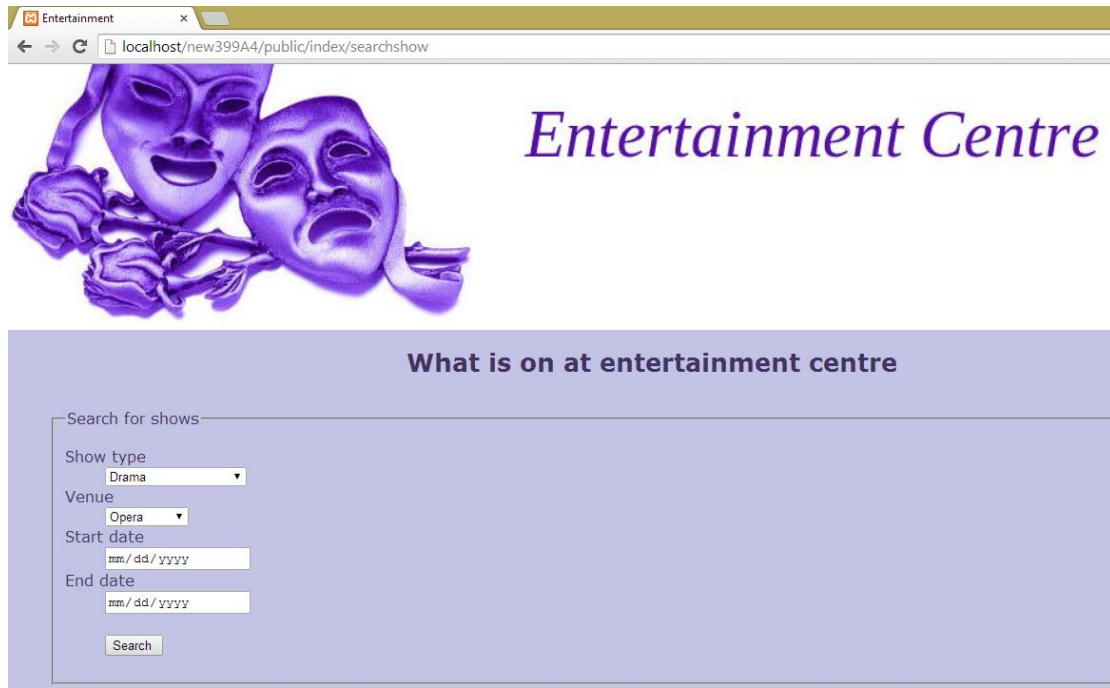
☐ Check All
 With selected:
 Change
 Delete
 Export

+ Options

					idECInfo	showid	details	picy
<input type="checkbox"/>		Edit		Copy	2	comedy_1	cold day best time to eat ice cream	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAD...
<input type="checkbox"/>		Edit		Copy	3	comedy_1	let's play Card game~best to strengthen the bound ...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAD...
<input type="checkbox"/>		Edit		Copy	4	comedy_1	I hope I can be one of them, or at least have some...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAD...
<input type="checkbox"/>		Edit		Copy	5	opera_1	Figaro happily measures the space where the bridal...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAD...
<input type="checkbox"/>		Edit		Copy	6	opera_1	A handsome room with an alcove, a dressing room on...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAD...
<input type="checkbox"/>		Edit		Copy	7	opera_2	The first scene set to music occurs after Titania ...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAD...
<input type="checkbox"/>		Edit		Copy	8	opera_2	It begins after Oberon has ordered Puck to anoint ...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAD...
<input type="checkbox"/>		Edit		Copy	9	comedy_2	At the end of the ninth season, Jake joins the arm...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAD...
<input type="checkbox"/>		Edit		Copy	10	comedy_2	The first five seasons find Charlie in casual sexu...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAD...
<input type="checkbox"/>		Edit		Copy	11	comedy_2	Alan's experiences are somewhat different. Through...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAD...

☐ Check All
 With selected:
 Change
 Delete
 Export

Ok lets search show, can't wait~



The screenshot shows a web browser window with the address bar displaying 'localhost/new399A4/public/index/searchshow'. The page features a header with a logo of two purple theatrical masks and the text 'Entertainment Centre'. Below the header is a section titled 'What is on at entertainment centre'. Inside this section is a search form with the following fields:

- Search for shows (text input)
- Show type (dropdown menu, currently set to 'Drama')
- Venue (dropdown menu, currently set to 'Opera')
- Start date (text input, placeholder 'mm/dd/yyyy')
- End date (text input, placeholder 'mm/dd/yyyy')
- Search button

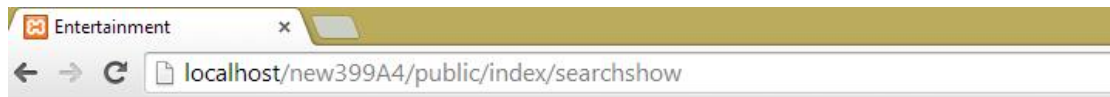
U can see there are two opera show in database, first let's use big range of time to search, which both show will contain in this period.



This screenshot shows the same search form as the previous one, but with the following values entered:

- Show type: Opera
- Venue: Opera
- Start date: 03/01/2015
- End date: 05/01/2015 (with a calendar icon and a dropdown arrow)
- Search button

Quite a big range of time, there should be two shows:



Shows on at the Opera

- [Marriage of Figaro](#)
- [The Fairy Queen](#)

Yes, and then click one,

A screenshot of a web browser window showing a search results page for 'Marriage of Figaro'. The address bar shows 'localhost/new399A4/public/index/searchreport?show=Marriage%20of%20Figaro'. The page has a light blue header with the word 'Entertainment' in a serif font. Below the header is a large image of two theatrical masks, one smiling and one frowning, with a small bouquet of flowers between them. The word 'Entertainment' is also written in a large, stylized font to the right of the masks.

Marriage of Figaro

Sydney house

In 1978, when Stephen Spielberg needed music to evoke impending doom, in Jaws, he turned to composer John Williams. They had plenty of other hits after that, but it was the killer shark with its ominous musical theme that got it all started.

- 2015-04-11:matinee
- 2015-04-14:evening
- 2015-04-16:evening



A small, dark image of a person's face, possibly a performer, located at the bottom left of the page.

Entertainment x

localhost/new399A4/public/index/searchreport?show=Marriage%20of%20Figaro

In 1978, when Stephen Spielberg needed music to evoke impending doom, in Jaws, he turned to composer John Williams. They had plenty of other hits after that one ♦?? witness Raiders of the Lost Ark, Jurassic Park, Schindler's List and so many others ♦?? but it was the killer shark with its ominous musical theme that got it all started.

- 2015-04-11:matinee
- 2015-04-14:evening
- 2015-04-16:evening

	<p>Figaro happily measures the space where the bridal bed will fit while Susanna tries on her wedding bonnet in front of a mirror (in the present day, a more traditional French floral wreath or a modern veil are often substituted, often in combination with a bonnet, so as to accommodate what Susanna happily describes as her wedding cappellino). (Duet: Cinque, dieci, venti ♦?? "Five, ten, twenty").</p>
	<p>A handsome room with an alcove, a dressing room on the left, a door in the background (leading to the servants' quarters) and a window at the side.</p>


• [Another Search](#)

Ok see we can click another search, lets click that:

and we are back

Entertainment x

localhost/new399A4/public/index/searchshow



Entertainment

What is on at entertainment

Search for shows

Show type
Drama ▼

Venue
Opera ▼

Start date
mm/dd/yyyy

End date
mm/dd/yyyy

Search

This time just search what opera show in April:

What

Search for shows

Show type
Opera ▼

Venue
Opera ▼

Start date
04/01/2015

End date
04/27/2015 x ▼

Search



Shows on at the Opera

- [Marriage of Figaro](#)

Ok just one show now, but we just check this show, lets change

some genre:

Sure people like comedy show at playhouse:



E

Shows on at the Playhouse

- [Friends](#)
- [two and a half men](#)

Lets click one:



Friends

NBC

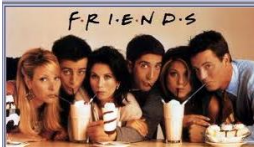
Three young men and three young women - of the BFF kind - live in the same apartment complex and face life and love in New York. They're not above sticking their noses into one another's businesses and swapping romantic partners, which always leads to the kind of hilarity average people will never experience - especially during breakups.

- 2015-04-09:matinee
- 2015-04-11:evening
- 2015-04-12:matinee
- 2015-04-14:evening
- 2015-04-16:evening



cold day best time to eat ice cream

- 2015-04-16:evening



cold day best time to eat ice cream



let's play Card game~best to strengthen the bound what ever the friends or the family



I hope I can be one of them, or at least have some of friends like that,"I'll be there for you"

Ok after show the search let's start add some data for it:

Start with login:

There two role in the database now:

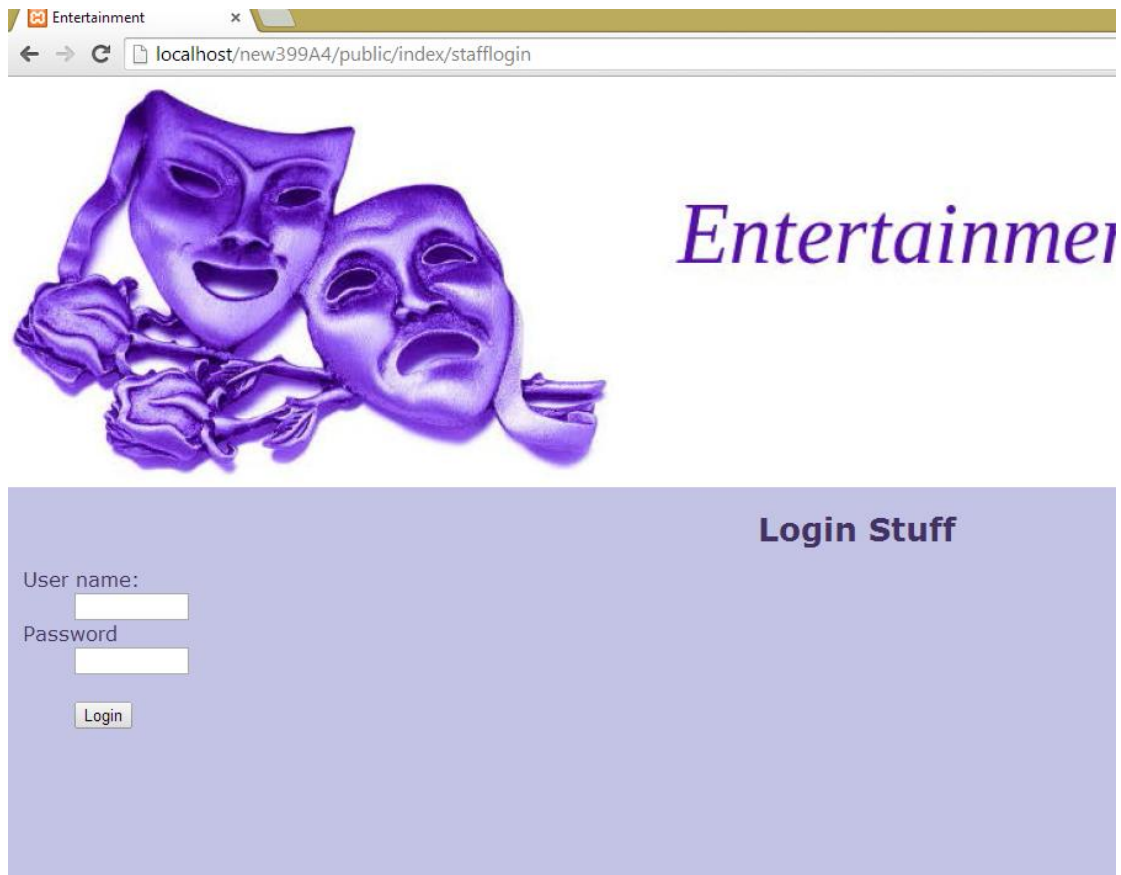
				username	fullname	pwd	role
<input type="checkbox"/>				littlemad	mad davenport	5e8fdcc9d884a9a5eba142c0a03402b8	events
<input type="checkbox"/>				victor	Xiaoxiong LiZhao	f647e02a69ab0e51780373f86f89a12a	clerica
				With selected: Change Delete Export			

One events one clerical

Let click stuff login



Login page:

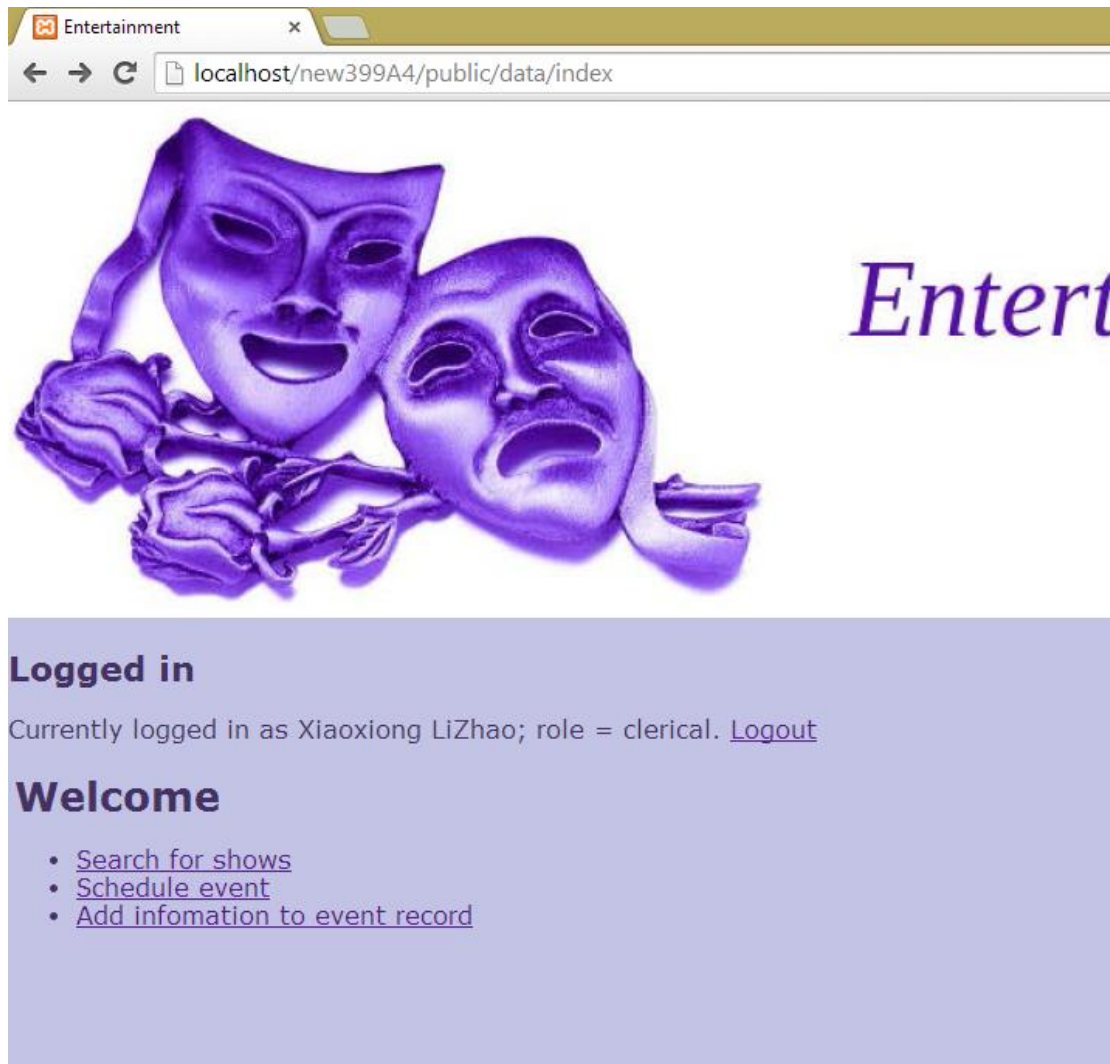


according to assignment spec, clerical role cannot schedule the show, only events role can schedule the event, let's do this test:

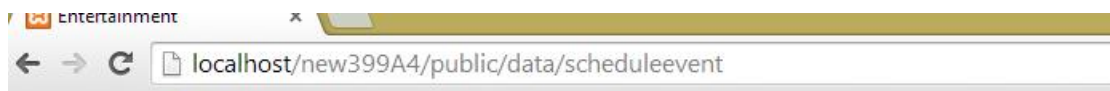
Login clerical first:

A close-up of the login form from the previous image. The 'User name:' label is followed by an input field containing the text 'victor'. The 'Password' label is followed by an input field containing five dots. A 'Login' button is positioned below the password field.

When I login and then click schedule event, but this role is not events role, so~



So access denied



Logged in

Currently logged in as Xiaoxiong LiZhao; role = clerical. [Logout](#)

Access denied for this role

What are you doing here?

You aren't supposed to be here.

Ok back, and see what can clerical do



Logged in

Currently logged in as Xiaoxiong LiZhao; role = clerical. [Logout](#)

add details to shows

Show

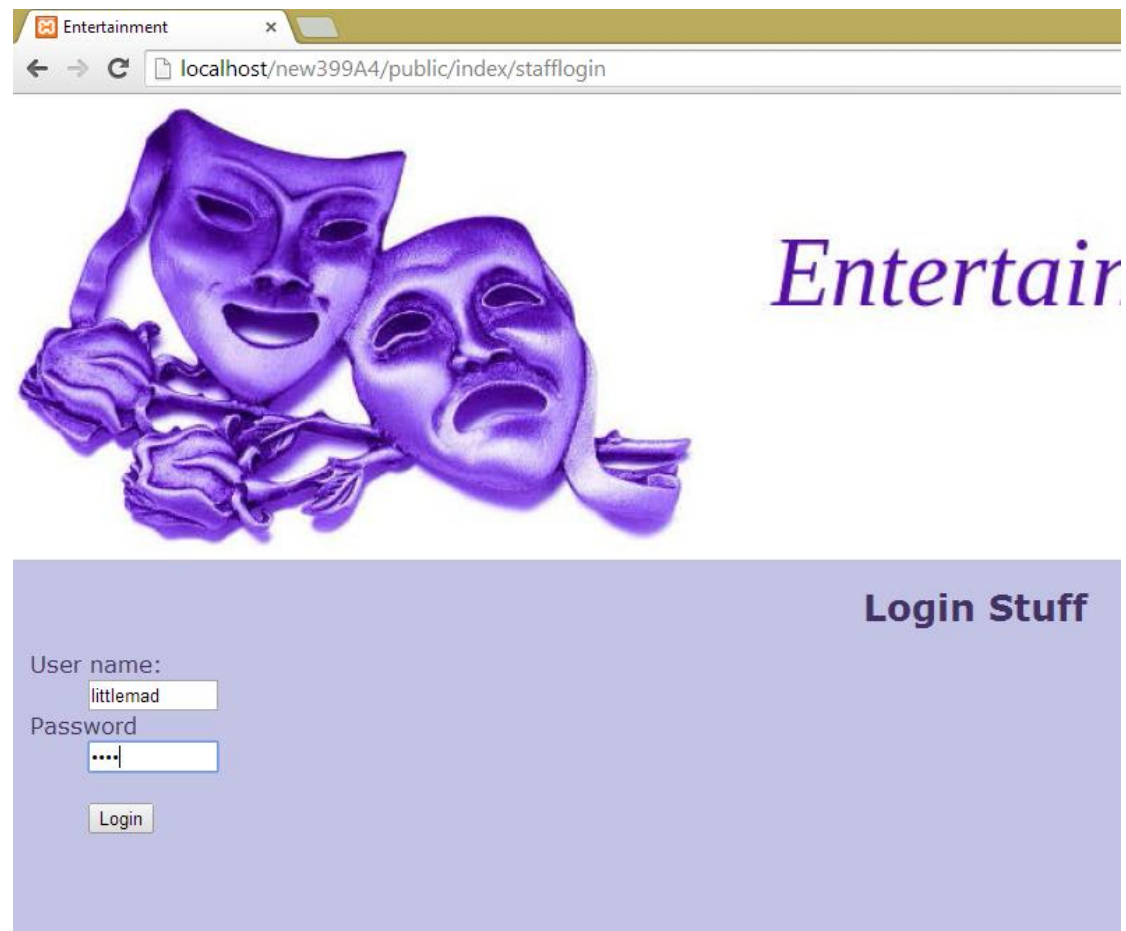
Show identifier

Supplementary data

Action

Yep he definitely can add supplement datas for show

Ok, let's logout and login events role,



The screenshot shows a web browser window with the title 'Entertainment'. The address bar displays 'localhost/new399A4/public/index/stafflogin'. The page features a large image of two purple theatrical masks (one smiling, one frowning) and the word 'Entertain' in a purple serif font. Below this is a light blue login section titled 'Login Stuff'. It contains a 'User name:' label with a text input field containing 'littlemad', a 'Password' label with a password input field showing four dots, and a 'Login' button.

Entertainment

localhost/new399A4/public/index/stafflogin

Entertain

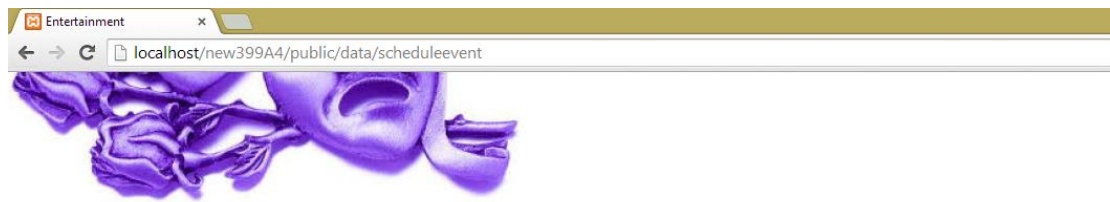
Login Stuff

User name:
littlemad

Password
....

Login

Now we can schedule the event, and by the way “mad” means “Madison” originally, I pick from internet, ok nothing big deal for this,haha



Logged in

Currently logged in as mad davenport; role = events. [Logout](#)

Create new show record

Add a Show

Show Identifier:

Title

Venue

Show type

From date

To date

Company

←

→

↻

localhost/new399A4/public/data/scheduleevent

Show type

All

From date

mm/dd/yyyy

To date

mm/dd/yyyy

Company

Description

Performances

addevent

Enter performance details

Show Time

matinee

Date

mm/dd/yyyy

Add performance

Let's add!!

Just want to show first if date is out of range will be:

The screenshot shows a web browser window with the address bar displaying `localhost/new399A4/public/data/scheduleevent`. The page has a light purple background and contains several form sections:

- Show type:** A dropdown menu with "Jazz" selected.
- From date:** A text input field containing "05/01/2015".
- To date:** A text input field containing "05/20/2015".
- Company:** A text input field containing "Sony Pictures Classics".
- Description:** A text area containing the text: "2014, gradually expanding to over 500 screens and finally closing after 24 weeks on March 26, 2015. Over this time the film grossed \$33.1 million against a production budget of \$3.3 million."
- Performances:** A text area containing the text: "2015-05-11,Matinee;" and "2015-05-15,Matinee;".
- Buttons:** An "addevent" button is located below the Performances section.

An error message dialog box is displayed in the upper right corner of the page. It has a title bar with a close button (X) and contains the text: "The page at localhost says: the date should be between start and end". An "OK" button is at the bottom right of the dialog.

Below the main form, there is a section titled "Enter performance details" which includes:

- Show Time:** A dropdown menu with "matinee" selected.
- Date:** A text input field containing "05/27/2015".
- Buttons:** An "Add performance" button is located at the bottom of this section.

Ok let be in the range:

And we add these datas

Add a Show

Show Identifier:

Title

Venue

Show type

From date

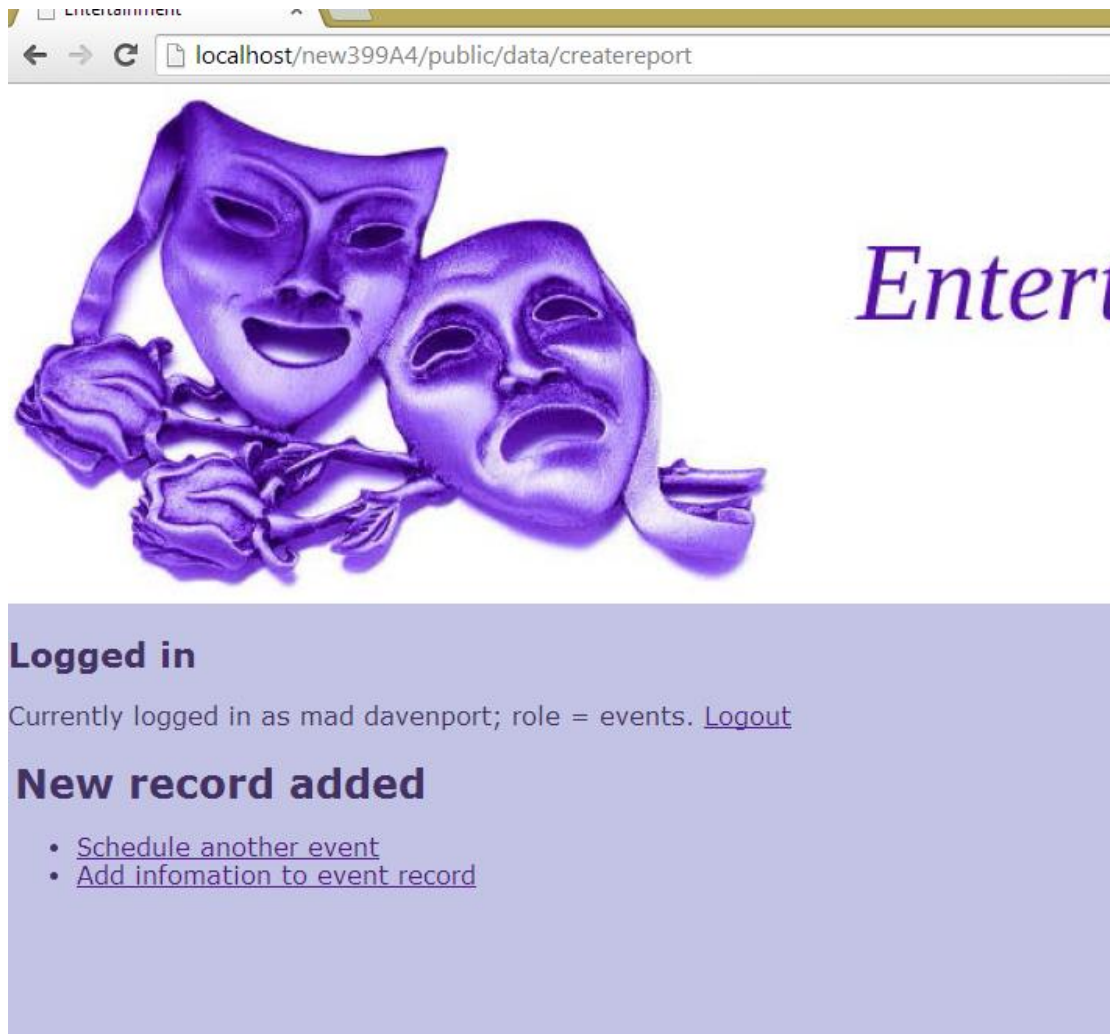
To date

Company

Description

Performances

We click addevent button:



The database will be:

	mykey	venue	startseason	endseason	genre	title	company	shortdescription
<input type="checkbox"/>	Edit Copy Delete comedy_1	Playhouse	2015-04-08	2015-04-29	Comedy	Friends	NBC	Three young men and three young women - of the BFF...
<input type="checkbox"/>	Edit Copy Delete comedy_2	Playhouse	2015-04-03	2015-04-23	Comedy	two and a half men	CBS	Chiropractor and single father Alan Harper lives i...
<input type="checkbox"/>	Edit Copy Delete jazz_1	Concert	2015-05-01	2015-05-20	Jazz	Whiplash	Sony Pictures Classics	jazz student (Teller) and an abusive instructor (...)
<input type="checkbox"/>	Edit Copy Delete opera_1	Opera	2015-04-10	2015-04-21	Opera	Marriage of Figaro	Sydney house	In 1978, when Stephen Spielberg needed music to ev...
<input type="checkbox"/>	Edit Copy Delete opera_2	Opera	2015-03-01	2015-04-09	Opera	The Fairy Queen	Sydney house	The Fairy-Queen (1692; Purcell catalogue number Z....

It's sort by alphabetical order

And let's see the time

<input type="checkbox"/>		Edit		Copy		Delete	7	opera_1	evening	2015-04-14
<input type="checkbox"/>		Edit		Copy		Delete	8	opera_1	evening	2015-04-16
<input type="checkbox"/>		Edit		Copy		Delete	12	opera_2	matinee	2015-03-05
<input type="checkbox"/>		Edit		Copy		Delete	13	opera_2	evening	2015-03-19
<input type="checkbox"/>		Edit		Copy		Delete	14	opera_2	evening	2015-04-07
<input type="checkbox"/>		Edit		Copy		Delete	15	comedy_2	evening	2015-04-22
<input type="checkbox"/>		Edit		Copy		Delete	16	comedy_2	evening	2015-04-09
<input type="checkbox"/>		Edit		Copy		Delete	17	comedy_2	matinee	2015-04-06
<input type="checkbox"/>		Edit		Copy		Delete	18	jazz_1	matinee	2015-05-11
<input type="checkbox"/>		Edit		Copy		Delete	19	jazz_1	matinee	2015-05-15
<input type="checkbox"/>		Edit		Copy		Delete	20	jazz_1	evening	2015-05-19

Yep it works~~now let's add supplement data,just by clicking add information to event record:

Logged in

Currently logged in as mad davenport; role = events. [Logout](#)

New record added

- [Schedule another event](#)
- [Add infomation to event record](#)

Yep

Entertainment

localhost/new399A4/public/data/addinfo



Logged in

Currently logged in as mad davenport; role = events. [Logout](#)

add details to shows

Show

Show identifier

Supplementary data

Picture	Comment
<input type="button" value="Add data"/>	

Action

Let's add some stuff in it

add details to shows

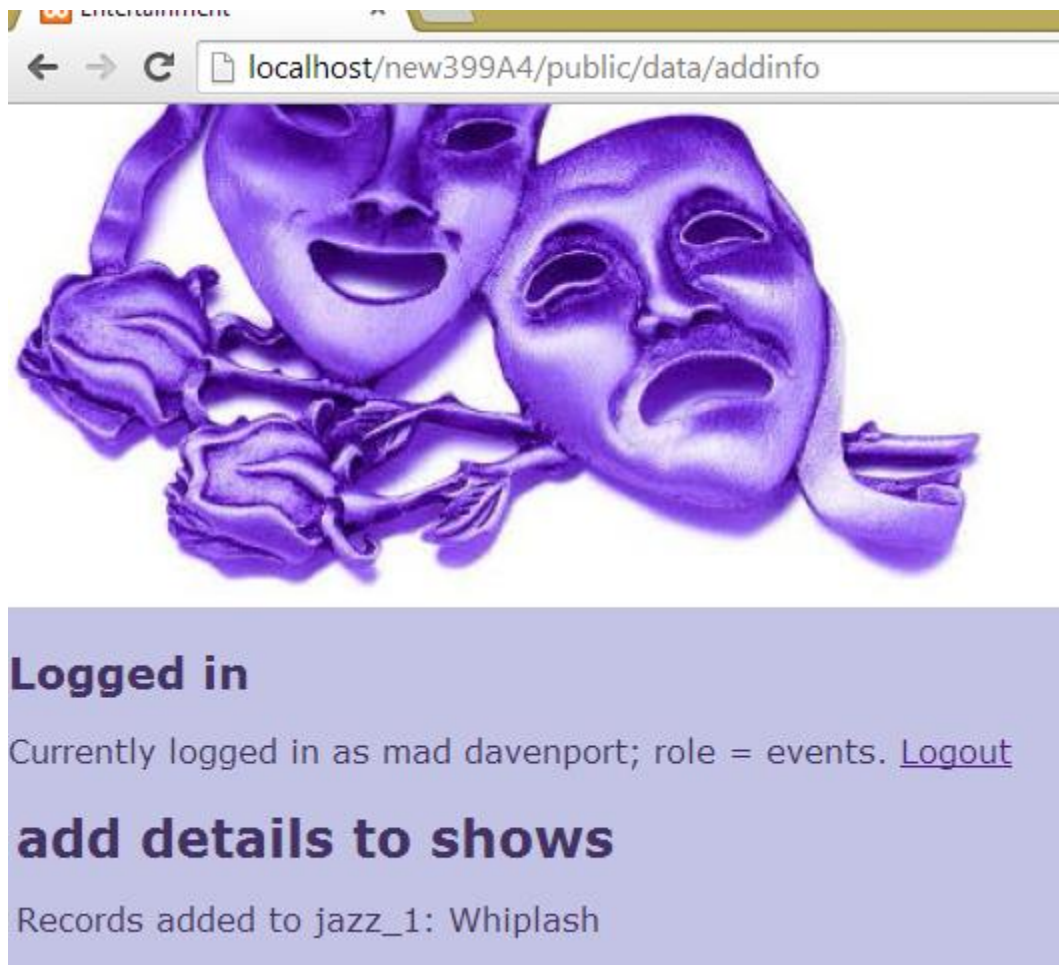
Show

Show identifier

Supplementary data

Picture	Comment
	<p>until his hands bleed and breaks up with his girlfriend Nicole (Melissa Benoist), believing she will distract him.</p>
	<p>with Fletcher and a tirade against his fellow musicians, Andrew drives back to the car rental office and retrieves the drumsticks.</p>
	<p>drumset and starts playing "Caravan". The rest of the band joins him,</p>

Yep, it added



Let's see that in the database now:

<input type="checkbox"/>	Edit	Copy	Delete	10	comedy_2	The first five seasons find Charlie in casual sexu...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQ...
<input type="checkbox"/>	Edit	Copy	Delete	11	comedy_2	Alan's experiences are somewhat different. Through...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQ...
<input type="checkbox"/>	Edit	Copy	Delete	12	jazz_1	Fletcher recruits Ryan Connolly (Austin Stowell),...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQ...
<input type="checkbox"/>	Edit	Copy	Delete	13	jazz_1	On the way to a jazz competition, Andrew's bus bre...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQ...
<input type="checkbox"/>	Edit	Copy	Delete	14	jazz_1	On stage at the jazz festival, Fletcher reveals th...	data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQ...
↑ <input type="checkbox"/> Check All With selected: Change Delete Export							

This what I just add 3 picture and 3 comments:

Let's search for this new add

Shows on at the Concert

- [Whiplash](#)

public/mbox/search/report/show=whiplash

NEW

jazz student (Teller) and an abusive instructor (Simmons). Paul Reiser and Melissa Benoist co-star as the student's father and love interest respectively. The film opened in limited release domestically in the US and Canada on October 10, 2014, gradually expanding to over 500 screens and finally closing after 24 weeks on March 26, 2015. Over this time the film grossed \$33.1 million against a production budget of \$3.3 million.

- 2015-05-11:matinee
- 2015-05-15:matinee
- 2015-05-19:evening



Fletcher recruits Ryan Connolly (Austin Stowell), the core drummer from Andrew's former lower-level class. Ryan is clearly a worse drummer, but Fletcher promotes him to core almost immediately, infuriating Andrew. Determined to impress Fletcher, Andrew practices until his hands bleed and breaks up with his girlfriend Nicole (Melissa Benoist), believing she will distract him.



On the way to a jazz competition, Andrew's bus breaks down. Determined to make the performance, he rents a car but arrives late without his drumsticks. After an argument with Fletcher and a tirade against his fellow musicians, Andrew drives back to the car rental office and retrieves the drumsticks.



On stage at the jazz festival, Fletcher reveals that he knew all along that Andrew had testified against him, and this concert

Part 4 Display and explanation of code

application/ configs/application.ini

```
[production]
phpSettings.display_startup_errors = 0
phpSettings.display_errors = 0
includePaths.library = APPLICATION_PATH "/../library"
bootstrap.path = APPLICATION_PATH "/Bootstrap.php"
bootstrap.class = "Bootstrap"
appnamespace = "Application"
resources.frontController.controllerDirectory = APPLICATION_PATH "/controllers"
resources.frontController.params.displayExceptions = 1

resources.view.helperPath.VICTOR_View_Helper = "VICTOR/View/Helper"
resources.layout.layoutPath = APPLICATION_PATH "/layouts/scripts/"
autoloaderNamespaces[] = "VICTOR_"

resources.db.adapter = "PDO_MYSQL"
resources.db.params.host = localhost
resources.db.params.username = "root"
resources.db.params.dbname = "entertainment_centre"
resources.db.params.password = "sasakixi"

[staging : production]

[testing : production]
phpSettings.display_startup_errors = 1
phpSettings.display_errors = 1

[development : production]
phpSettings.display_startup_errors = 1
phpSettings.display_errors = 1
resources.frontController.params.displayExceptions = 1
```

application/ controllers/DataController.php

```
<?php

class DataController extends Zend_Controller_Action
{
```

```

public function init()
{
    /* Initialize action controller here */
}

public function indexAction()
{
    // action body
}

public function createreportAction(){

}

public function scheduleeventAction(){
    $myform = new Application_Form_Createform();
    $this->view->form = $myform;

    if($this->getRequest()->isPost()){
        $inputs = $this->getRequest()->getPost();
        if($myform->isValid($inputs)){
            $showid = $myform->getValue('showid');
            $title = $myform->getValue('title');
            $venue = $myform->getValue('venue');
            $genre = $myform->getValue('type');
            $start = $myform->getValue('From');
            $end = $myform->getValue('To');
            $com = $myform->getValue('Company');
            $sd = $myform->getValue('description');

            $performance = $myform->getValue('performances');

            $presentationst = new Application_Model_DbTable_ECPresentationstable();
            $performancest = new Application_Model_DbTable_ECPerformancestable();

            $predata = array(
                'mykey'=>$showid,
                'venue'=>$venue,
                'startseason'=>$start,
                'endseason'=>$end,
                'genre'=>$genre,
                'title'=>$title,
                'company'=>$com,
            );
        }
    }
}

```

```

        'shortdescription'=>$sd
    );

    $presentationst->insert($predata);

    $eachd = array();
    $eachd = split(';', $performance);
    $num = count($eachd);
    for($i = 0; $i < $num - 1; $i ++){
        $seda = $seda = split(' ', $eachd[$i]);
        $date = trim($seda[0]);
        $st = trim($seda[1]);

        $perdata = array(
            'showid'=>$showid,
            'showtime'=>$st,
            'showdate'=>$date
        );
        $performancest->insert($perdata);
    }

    $this->_redirect('/data/createreport');

    }
    else{
        $myform->populate($inputs);
    }
}
}

public function addinfoAction(){
    if($this->getRequest()->isPost()){
        $datas = array();
        $datas = $this->getRequest()->getPost();

        $infot = new Application_Model_DbTable_ECInfotable();

        $comms = array();
        $pics = array();

```

```

$comms = $datas['comms'];
$pics = $datas['pics'];

$presentationst = new Application_Model_DbTable_ECPresentationstable();
$preselector = $presentationst->select();
$preselector->where('mykey =:mk')->bind(array('mk'=>$datas['si']));

$predata = $presentationst->fetchAll($preselector);
if(count($predata) > 0){
    $num = count($pics);
    for($i = 0;$i < $num;$i ++){
        $onedata = array(
            'showid'=>$datas['si'],
            'details'=>$comms[$i],
            'picy'=>$pics[$i]
        );
        $infot->insert($onedata);
    }

    //$this->view->headMeta()->appendHttpEquiv('refresh','10');
    $this->view->report = 'Records added to '.$datas['si'].': '.$predata[0]['title'];
}
else{
    //$this->view->headMeta()->appendHttpEquiv('refresh','10');
    $this->view->report = 'no record for this showid is found, can not add supplement
information';
}

}
}

}

```

application/controllers/ErrorHandler.php

```
<?php
```

```

class ErrorHandler extends Zend_Controller_Action
{

```



```

public function errorAction()
{
    $errors = $this->_getParam('error_handler');

    if (!$errors || !$errors instanceof ArrayObject) {
        $this->view->message = 'You have reached the error page';
        return;
    }

    switch ($errors->type) {
        case Zend_Controller_Plugin_ErrorHandler::EXCEPTION_NO_ROUTE:
        case Zend_Controller_Plugin_ErrorHandler::EXCEPTION_NO_CONTROLLER:
        case Zend_Controller_Plugin_ErrorHandler::EXCEPTION_NO_ACTION:
            // 404 error -- controller or action not found
            $this->getResponse()->setHttpResponseCode(404);
            $priority = Zend_Log::NOTICE;
            $this->view->message = 'Page not found';
            break;
        default:
            // application error
            $this->getResponse()->setHttpResponseCode(500);
            $priority = Zend_Log::CRIT;
            $this->view->message = 'Application error';
            break;
    }

    // Log exception, if logger available
    if ($log = $this->getLog()) {
        $log->log($this->view->message, $priority, $errors->exception);
        $log->log('Request Parameters', $priority, $errors->request->getParams());
    }

    // conditionally display exceptions
    if ($this->getInvokeArg('displayExceptions') == true) {
        $this->view->exception = $errors->exception;
    }

    $this->view->request = $errors->request;
}

public function getLog()
{
    $bootstrap = $this->getInvokeArg('bootstrap');

```

```

        if (!$bootstrap->hasResource('Log')) {
            return false;
        }
        $log = $bootstrap->getResource('Log');
        return $log;
    }

    public function denyaccessAction()
    {
        // action body
    }
}

```

application/controllers/IndexController.php

```

<?php

class IndexController extends Zend_Controller_Action
{

    public function init()
    {
        /* Initialize action controller here */
    }

    public function indexAction()
    {
        // action body
    }

    public function searchshowAction()
    {
        $myform = new Application_Form_Dataform();

        $this->view->form = $myform;

        if ($this->getRequest()->isPost()){
            $inputdata = $this->getRequest()->getPost();
            if($myform->isValid($inputdata)){
                $type = $myform->getValue('type');
                $venue = $myform->getValue('venue');
                $start = $myform->getValue('Start');
                $end = $myform->getValue('End');
            }
        }
    }
}

```

```

        $startdate = date($start);
        $enddate = date($end);

        $presentationst = new Application_Model_DbTable_ECPresentationstable();
        $pselector = $presentationst->select();

        $pselector->where('startseason >= ?', $startdate)->where('endseason
        <= ?', $enddate)->where('genre = ?', $type)->where('venue = ?', $venue);

        $sevents = $presentationst->fetchAll($pselector);

        $name= array();
        foreach ($sevents as $row){
            $name[] = $row->title;
        }
        $this->view->venue = $venue;
        $this->view->names = $name;
    }
    else{
        $myform->populate($inputdata);
    }
}

public function staffloginAction()
{
    $loginform = new Application_Form_Loginform();
    $this->view->form = $loginform;
    if ($this->getRequest()->isPost()) {
        $inputdata = $this->getRequest()->getPost();
        $this->checkcredentials($inputdata);
    }
}

private function checkcredentials($formData){
    $authAdapter = new Zend_Auth_Adapter_DbTable();
    $authAdapter->setTableName('ecuserroles')
        ->setIdentityColumn('username')
        ->setCredentialColumn('pwd');
}

```

```

    $authAdapter->setIdentity($formData['username']);
    $authAdapter->setCredential(md5($formData['password']));
    $authenticator = Zend_Auth::getInstance();
    $check = $authenticator->authenticate($authAdapter);
    if ($check->isValid()) {
        $matchrow = $authAdapter->getResultRowObject(null, 'password');
        $authenticator->getStorage()->write($matchrow);
        $this->_redirect('/data/index');
    }
    else {
        $this->_redirect('/index/stafflogin');
    }
}

public function logoutAction()
{
    $auth = Zend_Auth::getInstance();
    $auth->clearIdentity();
    $this->_redirect('/');
}

public function searchreportAction(){
    if($this->getRequest()->isGet()){
        $title = $this->_getParam('show');

        $this->view->report = $title;

        $presentationst = new Application_Model_DbTable_ECPresentationstable();
        $pselector = $presentationst->select();
        $pselector->where('title =:sn')->bind(array('sn'=>$title));

        $sevents = $presentationst->fetchAll($pselector);
        $sid;

        foreach ($sevents as $row){
            $sid = $row->mykey;
        }

        $infot = new Application_Model_DbTable_ECInfotable();
        $inselector = $infot->select();
        $inselector->where('showid=:si')->bind(array('si'=>$sid));

        $allinfo = array();
        $allinfo = $infot->fetchAll($inselector);
    }
}

```

```

$performancest = new Application_Model_DbTable_ECPerformancetable();
$preselector = $performancest->select();
$preselector->where('showid=:si')->bind(array('si'=>$id));

$alltime = array();
$alltime = $performancest->fetchAll($preselector);

$event;
foreach($sevents as $e)
    $event = $e;

$this->view->eventinfo = $event;
$this->view->supinfo = $allinfo;
$this->view->timeinfo = $alltime;
    }
}
}

```

application/forms/Createform.php

```
<?php
```

```

class Application_Form_Createform extends Zend_Form{

    public function init() {
        $showid = new Zend_Form_Element_Text('showid');
        $showid->setLabel('Show Identifier:')
            ->setAttrib('size', 10)
            ->setAttrib('maxlength', 10)
            ->setRequired(true)
            ->addFilter('StripTags')
            ->addFilter('StringTrim');

        $title = new Zend_Form_Element_Text('title');
        $title->setLabel('Title')
            ->setAttrib('size', 40)
            ->setAttrib('maxlength', 40)
            ->setRequired(true)
            ->addFilter('StripTags')
            ->addFilter('StringTrim');

        $venue = new Zend_Form_Element_Select('venue');
        $venue->setLabel('Venue')

```

```
->setMultiOptions(array('Any'=>'Any','Opera'=>'Opera','Concert'=>'Concert','Playhouse'=>'Playhouse','Studio'=>'Studio'))
```

```
->setRequired(true)->addValidator('NotEmpty', true);
```

```
$type = new Zend_Form_Element_Select('type');
```

```
$type->setLabel('Show type')
```

```
->setMultiOptions(array('All'=>'All','Drama'=>'Drama','Film'=>'Film','Opera'=>'Opera','Jazz'=>'Jazz','World Music'=>'World Music',
```

```
'Ballet'=>'Ballet','Recital'=>'Recital','Concert'=>'Concert','Choral'=>'Choral','Contemporary Dance'=>'Contemporary Dance',
```

```
'Comedy'=>'Comedy','Children'=>'Children'))
```

```
->setRequired(true)->addValidator('NotEmpty', true);
```

```
$From = new VICTOR_Element_HTML5TextType('From');
```

```
$From->setAttrib('thetype', 'date')
```

```
->setAttrib('id', 'std')
```

```
->setLabel("From date");
```

```
$To = new VICTOR_Element_HTML5TextType('To');
```

```
$To->setAttrib('thetype', 'date')
```

```
->setAttrib('id', 'ed')
```

```
->setLabel("To date");
```

```
$com = new Zend_Form_Element_Text('Company');
```

```
$com->setLabel('Company')
```

```
->setAttrib('size', 40)
```

```
->setAttrib('maxlength', 40)
```

```
->setRequired(true)
```

```
->addFilter('StripTags')
```

```
->addFilter('StringTrim');
```

```
$des = new Zend_Form_Element_Textarea( 'description' );
```

```
$des->setLabel('Description')
```

```
->setRequired( true )
```

```
->setAttrib('cols', 50)
```

```
->setAttrib('rows', 4);
```

```
$per = new Zend_Form_Element_Textarea( 'performances' );
```

```
$per->setLabel('Performances')
```

```
->setRequired( true )
```

```
->setAttrib('cols', 50)
```

```
->setAttrib('rows', 4)
```

```
->setAttrib('readonly', 'true')
->setAttrib('id', 'Per');
```

```
$addevent = $this->createElement('submit', 'submit');
$addevent->setLabel("addevent ");
```

```
$this->addElements(array(
    $showid,
    $title,
    $venue,
    $type,
    $From,
    $To,
    $com,
    $des,
    $per,
    $addevent
));
```

```
$this->addDisplayGroup(array(
    'showid',
    'title',
    'venue',
    'type',
    'From',
    'To',
    'Company',
    'description',
    'performances',
    'submit'
), 'htmltags2', array('legend' => 'Add a Show'));
```

```
$showtime = new Zend_Form_Element_Select('showtime');
$showtime->setLabel('Show Time')
    ->setAttrib('id', 'st')
    ->setMultiOptions(array('Matinee'=>'matinee','Evening'=>'evening'))
    ->setRequired(true)->addValidator('NotEmpty', true);
```

```
$date = new VICTOR_Element_HTML5TextType('date');
$date->setAttrib('thetype', 'date')
```

```

        ->setAttrib('id', 'd')
        ->setLabel('Date');

    $addp = new Zend_Form_Element_Button('addperformance');
    $addp->setAttrib('onclick', 'doaddp()')
        ->setLabel('Add performance');

    $this->addElements(array(
        $showtime,
        $date,
        $addp
    ));

    $this->addDisplayGroup(array(
        'showtime',
        'date',
        'addperformance'
    ), 'htmltags1', array('legend' => 'Enter performance details'));
    }
}

```

application/forms/Dataform.php

```

<?php

class Application_Form_Dataform extends Zend_Form
{

    public function init()
    {

        $this->setMethod('post');

        $type = new Zend_Form_Element_Select('type');
        $type->setLabel('Show type')
            ->setMultiOptions(array('Drama'=>'Drama', 'Film'=>'Film', 'Opera'=>'Opera', 'Jazz'=>'Jazz', 'World
Music'=>'World Music',
                'Ballet'=>'Ballet', 'Recital'=>'Recital', 'Concert'=>'Concert', 'Choral'=>'Choral', 'Contemporary
Dance'=>'Contemporary Dance',
                'Comedy'=>'Comedy', 'Children'=>'Children'))
            ->setRequired(true)->addValidator('NotEmpty', true);
    }
}

```



```

        $venue = new Zend_Form_Element_Select('venue');
        $venue->setLabel('Venue')

->setMultiOptions(array('Opera'=>'Opera','Concert'=>'Concert','Playhouse'=>'Playhouse','Studio'=>'Studio'))
        ->setRequired(true)->addValidator('NotEmpty', true);

        $start = new VICTOR_Element_HTML5TextType('Start');
        $start->setAttrib('thetype', 'date');
        $start->setLabel("Start date");

        $end = new VICTOR_Element_HTML5TextType('End');
        $end->setAttrib('thetype', 'date');
        $end->setLabel("End date");

        $submit = $this->createElement('submit', 'submit');
        $submit->setLabel("Search ");

        $this->addElements(array(
            $type,
            $venue,
            $start,
            $end,
            $submit
        ));

        $this->addDisplayGroup(array(
            'type',
            'venue',
            'Start',
            'End',
            'submit'
        ), 'inputdata', array('legend' => 'Search for shows'));
    }

}

```

application/ forms/Loginform.php

```
<?php
```

```

class Application_Form_Loginform extends Zend_Form
{

    public function init()

```

```

{
    $username = new Zend_Form_Element_Text('username');
    $username->setLabel('User name:');
        ->setAttrib('size', 10)
        ->setAttrib('maxlength', 10)
        ->setRequired(true)
        ->addFilter('StripTags')
        ->addFilter('StringTrim');
    $password = new Zend_Form_Element_Password('password');
    $password->setLabel('Password')
        ->setAttrib('size', 10)
        ->setAttrib('maxlength', 10)
        ->setRequired(true)
        ->addFilter('Alnum');
    $submit = $this->createElement('submit', 'submit');
    $submit->setLabel("Login");

    $this->addElements(array($username, $password, $submit));
}
}

```

application/ layouts/ scripts/layout.phtml

```

<?php
$this->headMeta()->appendHttpEquiv('Content-Type', 'text/html;charset=utf-8');
$this->headTitle()->setSeparator(' - ');
$this->headTitle('Entertainment');
$this->headLink()->appendStylesheet($this->baseUrl() . '/css/Mycss.css');
$this->headScript()->appendFile($this->baseUrl() . '/js/Myscript.js');

echo $this->doctype();
?>

<html>
    <head>
        <style>
            .targets{
                width:400px;
                height:190px;
                background-color:#aaaaaa;
            }
        </style>

```

```

        <?php
            echo $this->headMeta(),$this->headTitle(), $this->headScript(), $this->headLink();
        ?>
        <link rel="shortcut icon" href="/image/drafavicon.ico" mce_href="/image/drafavicon.ico"
type="image/x-icon">
    </head>
    <body>
        <div id='headdiv'>
            
        </div>

        <div id="user">
            <?php
                $authenticationdata = Zend_Auth::getInstance();
                if ($authenticationdata->hasIdentity()) {
                    echo "<h2>Logged in</h2>";
                    echo "<p>Currently logged in as ";
                    echo $authenticationdata->getIdentity()->fullname;
                    echo "; role = ";
                    echo $authenticationdata->getIdentity()->role;
                    echo ". <a href='";
                    echo $this->url(array('controller' => 'index', 'action' => 'logout'));
                    echo "'>Logout</a></p>";
                }
            ?>
        </div>

        <div id="content">
            <?php echo $this->layout()->content; ?>
        </div>
    </body>
</html>

```

application/ models/ DbTable/ ECInfotable.php

```

<?php

class Application_Model_DbTable_ECInfotable extends Zend_Db_Table_Abstract{
    protected $_name = 'ECInfo';

    protected $_referenceMap = array(
        'ECPresentations'=>array(
            'columns' => 'showid',

```

```

        'refTableClass' => 'Application_Model_DbTable_ECPresentationstable',
        'refColumns' => 'mykey'
    )
};
}

```

application/models/DbTable/ECPerformancetable.php

```
<?php
```

```

class Application_Model_DbTable_ECPerformancetable extends Zend_Db_Table_Abstract{
    protected $_name = 'ECPerformances';

    protected $_referenceMap = array(
        'ECPresentations'=>array(
            'columns' => 'showid',
            'refTableClass' => 'Application_Model_DbTable_ECPresentationstable',
            'refColumns' => 'mykey'
        )
    );
}

```

application/models/DbTable/ECPresentationstable.php

```
<?php
```

```

class Application_Model_DbTable_ECPresentationstable extends Zend_Db_Table_Abstract{
    protected $_name = 'ECPresentations';

    protected $_dependentTables =
array('Application_Model_DbTable_ECPerformancetable','Application_Model_DbTable_ECInfotabletable');
}

```

application/models/DbTable/ecuserrolestable.php

```
<?php
```

```

class Application_Model_DbTable_Ecuserrolestable extends Zend_Db_Table_Abstract{
    protected $name = 'ecuserroles';

}

```

application/ views/ scripts/ data/addinfo.phtml

```
<h1>add details to shows</h1>
<?php
    if($this->report)
        echo '<p>'.$this->report.'</p>';
?>
<form method="post">
    <fieldset>
        <legend>Show</legend>
        <label for="si">Show identifier</label>
        <input id="si" type="text" name="si">
    </fieldset>
    <fieldset>
        <legend>Supplementary data</legend>
        <table id="Myshow" border="3">
            <tr>
                <th>Picture</th>
                <th>Comment</th>
            </tr>
        </table>
        <input type="button" value="Add data" onclick="doAdd()"><br><br>
    </fieldset>
    <fieldset>
        <legend>Action</legend>
        <input type="submit" value="Add details">
    </fieldset>
</form>
```

application/ views/ scripts/ data/createreport.phtml

```
<h1>New record added</h1>
<?php
    echo "<ul>";
    echo "<li><a href='";
        echo $this->url(array('controller' => 'data', 'action' => 'scheduleevent'));
        echo "'>Schedule another event</a></li>";

    echo "<li><a href='";
        echo $this->url(array('controller' => 'data', 'action' => 'addinfo'));
        echo "'>Add infomation to event record</a></li>";
    echo "</ul>";
?>
```

application/ views/ scripts/ data/index.phtml

```
<div id="welcome">
    <h1>Welcome</h1>
    <?php
        echo "<ul>";
        echo "<li><a href='";
            echo $this->url(array('controller' => 'index', 'action' => 'searchshow'));
            echo "'>Search for shows</a></li>";

        echo "<li><a href='";
            echo $this->url(array('controller' => 'data', 'action' => 'scheduleevent'));
            echo "'>Schedule event</a></li>";

        echo "<li><a href='";
            echo $this->url(array('controller' => 'data', 'action' => 'addinfo'));
            echo "'>Add infomation to event record</a></li>";
        echo "</ul>";
    ?>
</div>
```

application/ views/ scripts/ data/scheduleevent.phtml

```
<?php
echo "<div id='create_new_show'>";
echo "<h1 align='center'>Create new show record</h1>";
    echo $this->form;

echo "</div>";?>
```

application/ views/ scripts/ error/denyaccess.phtml

```
<h1 class="getlost">Access denied for this role</h1>
<p class="getlost">What are you doing here?</p>
<p class="getlost">You aren't supposed to be here.</p>
```

application/ views/ scripts/ error/error.phtml

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
```

```

<head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
    <title>Zend Framework Default Application</title>
</head>
<body>
    <h1>An error occurred</h1>
    <h2><?php echo $this->message ?></h2>

    <?php if (isset($this->exception)): ?>

        <h3>Exception information:</h3>
        <p>
            <b>Message:</b> <?php echo $this->exception->getMessage() ?>
        </p>

        <h3>Stack trace:</h3>
        <pre><?php echo $this->exception->getTraceAsString() ?>
        </pre>

        <h3>Request Parameters:</h3>
        <pre><?php echo $this->escape(var_export($this->request->getParams(), true)) ?>
        </pre>

    <?php endif ?>

</body>
</html>

```

application/ views/ scripts/index/index.phtml

```

<div id="welcome">
    <h1>Welcome</h1>
    <?php
        echo "<ul>";
        echo "<li><a href='";
            echo $this->url(array('controller' => 'index', 'action' => 'searchshow'));
            echo "'>Search for shows</a></li>";

        echo "<li><a href='";
            echo $this->url(array('controller' => 'index', 'action' => 'stafflogin'));
            echo "'>Staff Login</a></li>";
        echo "</ul>";
    ?>
</div>

```

application/ views/ scripts/index/logout.phtml

```
<br /><br />
<div id="view-content">
    <p>View script for controller <b>Index</b> and script/action name <b>logout</b></p>
</div>
```

application/ views/ scripts/index/searchreport.phtml

```
<?php
    if($this->eventinfo){
        echo '<h1>'.$this->eventinfo['title'].'</h1><br>';
        echo '<h2>'.$this->eventinfo['company'].'</h2><br>';
        echo '<p>'.$this->eventinfo['shortdescription'].'<p><br><br>';
    }

    if($this->timeinfo){
        echo '<ul>';
        foreach ($this->timeinfo as $ti){
            echo '<li>'.$ti['showdate'].': '.$ti['showtime'].'</li>';
        }
        echo '</ul>';
    }

    if($this->supinfo){
        echo "&<table border = '3'>";
        foreach($this->supinfo as $si){
            echo '<tr>';
            echo "&<td><img src = '". $si['picy']. "'/></td>" . "<td>". $si['details']. "</td>";
            echo '</tr>';
        }
        echo '</table>';
    }

    echo '<hr>';

    echo "<ul>";
    echo "<li><a href='";
        echo $this->url(array('controller' => 'index', 'action' => 'searchshow'));
        echo "'>Another Search</a></li>";
    echo "</ul>";

?>
```


application/ views/ scripts/index/searchshow.phtml

```
<?php
if($this->names){
    echo '<h1>Shows on at the '.$this->venue.'</h1>';?>
    <ul>
        <?php foreach($this->names as $name):?>
            <li><a href='<?php echo $this->url(array('controller' => 'index', 'action' =>
'searchreport'))';?>?show=<?php echo $this->escape($name);?>'><?php echo $this->escape($name);?></a></li>
        <?php endforeach; ?>
    </ul>
}
<?php
}else{
    echo "<h1 align='center'>What is on at entertainment centre</h1>";
    echo $this->form;
}
if($this)
?>
```

application/ views/ scripts/index/stafflogin.phtml

```
<?php
echo "<div id='appform'>";
echo "<h1 align='center'>Login Stuff</h1>";
    echo $this->form;
echo "</div>";
```

library/ VICTOR /ACL/Access.php

```
<?php

class VICTOR_ACL_Access{
    public $acl;

    public function __construct() {
        $this->acl = new Zend_Acl();

        $this->acl->addRole('guest', null);
        $this->acl->addRole('events', null);
        $this->acl->addRole('clerical', null);

        $this->acl->addResource("index");
        $this->acl->addResource("error");
        $this->acl->addResource("data");
    }
}
```

```

$this->acl->allow('guest', 'index',array('index','searchshow','stafflogin','searchreport'));
$this->acl->allow('guest', 'error');

$this->acl->allow('events','index',array('searchshow','logout','searchreport'));
$this->acl->allow('events','data');
$this->acl->allow('events', 'error');

$this->acl->allow('clerical','index',array('searchshow','logout','searchreport'));
$this->acl->allow('clerical','data',array('index','addinfo','createreport'));
$this->acl->allow('clerical', 'error');
}

}

```

library/ VICTOR / Element/HTML5TextType.php

```

<?php

class VICTOR_Element_HTML5TextType extends Zend_Form_Element_Text
{
    public $helper = 'html5Helper';
}

```

library/ VICTOR / PLUGIN/DispatchChecker.php

```

<?php

class VICTOR_PLUGIN_DispatchChecker extends Zend_Controller_Plugin_Abstract {

    public function preDispatch(Zend_Controller_Request_Abstract $request) {
        $rightschecker = Zend_Registry::get('myaccessrights');
        $role = "guest";
        if (Zend_Auth::getInstance()->hasIdentity()) {
            $role = Zend_Auth::getInstance()->getIdentity()->role;
        }
        $theResource = $request->getControllerName();
        $action = $request->getActionName();

        if (!$rightschecker->acl->isAllowed($role, $theResource, $action)) {
            $request->setControllerName('Error');
            $request->setActionName('denyaccess');
        }
    }
}

```

```
}
```

library/ VICTOR / View/ Helper/Html5Helper.php

```
<?php
```

```
class VICTOR_View_Helper_Html5Helper extends Zend_View_Helper_FormText {
```

```
    public function html5Helper($name, $value=null, $attrs=null)
    {
        $info = $this->_getInfo($name,$value,$attrs);
        extract($info);
        // build the element
        $disabled = '';
        if ($disable) {
            // disabled
            $disabled = ' disabled="disabled"';
        }
        $thetype = 'text';
        if(array_key_exists('thetype',$attrs)) {
            $thetype = $attrs['thetype'];
            unset($attrs['thetype']);
        }
    }
}
```

public/index.php

```
<?php
```

```
// Define path to application directory
```

```
defined('APPLICATION_PATH')
```

```
|| define('APPLICATION_PATH', realpath(dirname(__FILE__) . '/../application'));
```

```
// Define application environment
```

```
defined('APPLICATION_ENV')
```

```
|| define('APPLICATION_ENV', (getenv('APPLICATION_ENV') ? getenv('APPLICATION_ENV') : 'production'));
```

```
// Ensure library/ is on include_path
```

```
set_include_path(implode(PATH_SEPARATOR, array(
    realpath(APPLICATION_PATH . '/../library'),
    get_include_path(),
)));
```

```
/** Zend_Application */
```

```
require_once 'Zend/Application.php';
```

```
// Create application, bootstrap, and run
$application = new Zend_Application(
    APPLICATION_ENV,
    APPLICATION_PATH . '/configs/application.ini'
);

require_once "VICTOR/ACL/Access.php";
require_once "VICTOR/PLUGIN/DispatchChecker.php";

$accessRights = new VICTOR_ACL_Access();
Zend_Registry::set("myaccessrights",$accessRights);
$interceptor = new VICTOR_PLUGIN_DispatchChecker();

$frontController = Zend_Controller_Front::getInstance();
$frontController->registerPlugin($interceptor);

$application->bootstrap()
    ->run();
```

public/Mycss.css

```
root {
    display: block;
}
```

```
body {
    background-color: #c3c3e5;
    color: #443266;
    margin: 0px;
    padding: 0px;
    font-family: Verdana,Arial,Helvetica,sans-serif;
}
```

```
h1 { font-size: 1.6em; }
h2 { font-size: 1.4em; }
```

```
#ident {
    position: absolute;
    top: 20px;
    left: 500px;
    font-size: 4em;
```

```
color:#8c489f;
font-family: Georgia,'Times New Roman',times,serif;
font-style:italic;
}
```

```
#navbar {
border-color:#8c489f;
border-style:solid;
border-top-width:2px;
border-bottom-width:2px;
background-color:#f1f0ff;
min-height:48px;
}
```

```
#navbar ul {
max-width:600px;
margin-left:auto;
margin-right:auto;
margin-top:12px;
}
```

```
#navbar li {
list-style-type: none;
font-size:1.2em;
display:inline;
padding:8px;

margin-right:8px;
border-width:2px;
border-style:solid;
border-radius:20px;
border-color:#c3c3e5;
min-width:125px;
}
```

```
#navbar li a:active {
text-decoration: none;
color:#8c489f;
background-color:#c3c3e5;
}
```

```
/*#slideshow {
width: 50%; max-width: 600px; margin: 20px auto }
#slideshow img { width: 100% }*/
```

```
#appform {  
    padding-left:8px;  
}
```

```
p.description {  
    font-size:0.8em;  
}
```

```
#content {  
    padding-left:4px;  
}
```

public/Myscript.js

```
var indexdiv = 0;  
function doAdd(){  
    var tb = document.getElementById('Myshow');  
    var r = tb.insertRow();  
    var c1 = r.insertCell();  
    var c2 = r.insertCell();  
  
    c1.innerHTML = "<div class = 'targets' id = '" + 'target' + indexdiv + "'></div>";  
  
    var newdev = document.getElementById('target' + indexdiv);  
    newdev.addEventListener("dragover",FileDragover,false);  
    newdev.addEventListener("drop",FileDrop,false);  
  
    c2.innerHTML = "<textarea rows='7' cols='20' name = 'comms[]' '></textarea>"  
    indexdiv ++;  
}  
  
function handleFileSelect(afile,evt){  
    var reader = new FileReader();  
    var filetypes = /^(image\/jpeg|image\/png|image\/gif)$/;  
  
    if(!filetypes.test(afile.type)){  
        alert("please select file jpeg png or gif");  
        return;  
    }  
  
    reader.onload = function(e){  
        evt.target.innerHTML += "<img src = '" + e.target.result + "' style='float:left' width ='100'/>";  
        evt.target.innerHTML += "<input visibility: hidden name = 'pics[]' value = '" + e.target.result + "'/>";  
    }  
}
```

```

    }
    reader.readAsDataURL(afile);
}

function FileDragover(evt){
    evt.preventDefault();
}

function FileDrop(evt){
    evt.preventDefault();

    var files = evt.dataTransfer.files;
    var num = files.length;
    var i = 0;
    for(i = 0; i < num; i++){
        var afile = files[i];
        handleFileSelect(afile, evt);
    }
}

function doaddp(){
    var showtime = document.getElementById('st');
    var date = document.getElementById('d');
    var performances = document.getElementById('Per');

    var sv = showtime.value;
    var dv = date.value;

    var start = document.getElementById('std');
    var end = document.getElementById('ed');

    var temps = start.value.replace(/-/g, "/");
    var tempe = end.value.replace(/-/g, "/");
    var tempd = dv.replace(/-/g, "/");

    var ds = new Date(Date.parse(temps));
    var de = new Date(Date.parse(tempe));
    var dd = new Date(Date.parse(tempd));

    if(dd >= ds && dd <= de){
        performances.value += dv + ',' + sv + ';\n'
    }
    else{
        alert('the date should be between start and end');
    }
}

```

```
}  
}
```

Database

```
DROP TABLE IF EXISTS `ecuserroles`;  
DROP TABLE IF EXISTS `ECPerformances`;  
DROP TABLE IF EXISTS `ECInfo`;  
DROP TABLE IF EXISTS `ECPresentations`;
```

```
CREATE TABLE `ecuserroles` (  
  `username` VARCHAR(10) NOT NULL,  
  `fullname` VARCHAR(45) NOT NULL,  
  `pwd` VARCHAR(45) NOT NULL,  
  `role` ENUM('events','clerical') NOT NULL,  
  PRIMARY KEY (`username`));
```

```
CREATE TABLE `ECPresentations` (  
  `mykey` VARCHAR(32) NOT NULL,  
  `venue` ENUM('Opera','Concert','Playhouse','Studio') NOT NULL,  
  `startseason` DATE NOT NULL,  
  `endseason` DATE NOT NULL,  
  `genre` ENUM('Drama','Film','Opera','Jazz','World Music',  
  'Ballet','Recital','Concert','Choral','Contemporary Dance','Comedy','Children') NOT NULL,  
  `title` VARCHAR(128) NOT NULL,  
  `company` VARCHAR(128) NOT NULL,  
  `shortdescription` MEDIUMTEXT NOT NULL,  
  PRIMARY KEY (`mykey`));
```

```
CREATE TABLE `ECPerformances` (  
  `pid` INT NOT NULL AUTO_INCREMENT,  
  `showid` VARCHAR(32) NOT NULL,  
  `showtime` ENUM('matinee','evening') NOT NULL,  
  `showdate` DATE NOT NULL,  
  PRIMARY KEY (`pid`),  
  INDEX `fk_ECPerformances_1_idx` (`showid` ASC),  
  CONSTRAINT `fk_ECPerformances_1`  
  FOREIGN KEY (`showid`)  
  REFERENCES `ECPresentations` (`mykey`)  
  ON DELETE CASCADE  
  ON UPDATE NO ACTION);
```



```
CREATE TABLE `ECInfo` (  
  `idECInfo` INT NOT NULL AUTO_INCREMENT,  
  `showid` VARCHAR(32) NOT NULL,  
  `details` MEDIUMTEXT NOT NULL,  
  `picy` MEDIUMTEXT NULL,  
  PRIMARY KEY (`idECInfo`),  
  INDEX `fk_ECInfo_1_idx` (`showid` ASC),  
  CONSTRAINT `fk_ECInfo_1`  
  FOREIGN KEY (`showid`)  
  REFERENCES `ECPresentations` (`mykey`)  
  ON DELETE CASCADE  
  ON UPDATE NO ACTION);
```

```
insert into ecuserroles values ('victor','Xiaoxiong LiZhao', MD5('sa123'),'clerical');
```

```
insert into ecuserroles values ('littlemad','mad davenport', MD5('a321'),'events');
```