how to upload image in database save in folder?

I am new to CI.Can anyone help me giving tutorial for image uploading for CI 2.0. I have make an folder **Product_image** in asset folder.My table name is **tbl_product**.my controller page is product and code is:

```php
<?php
include_once('application/backend/controllers/dashboard.php');

class Product extends Dashboard {
    function _construct(){
        parent::_construct();
        $this->load->model('product_model');
}

public function index() {

  $this->islogin();
  $data=$this->generateCommonItems();
  $this->load->model('product_model');
  $data['page_title']="List of Products";
  $data['page_heading']="List of Products";
  $data['listAllProduct']=$this->product_model->listAllProduct();
  $this->load->view('products/listproduct',$data);
}

function addproduct() {
    $this->data['title'] = 'Add Product';

    //validate form input
    $this->form_validation->set_rules('prod_name', 'Product name',
'required|xss_clean');
    $this->form_validation->set_rules('prod_des', 'Description', 'required|xss_clean');
    $this->form_validation->set_rules('price', 'Price', 'required|xss_clean');
    $this->form_validation->set_rules('prod_image', 'Picture', 'required|xss_clean');

    if ($this->form_validation->run() == true)
    {
        $data = array(
            'prod_name'            => $this->input->post('prod_name'),
            'prod_des'        => $this->input->post('prod_des'),
            'price'            => $this->input->post('price'),
            'prod_image'            => $this->input->post('prod_image')
        );

        $this->product_model->insert_product($data);
        redirect('product/addproduct');

    } else {
        $data=$this->generateCommonItems();
        //display the add product form
        //set the flash data error message if there is one

        $this->data['prod_name'] = array(
            'name'        => 'name',
            'id'          => 'name',
            'type'        => 'text',
            'style'       => 'width:300px;',
            'value'       => $this->form_validation->set_value('name'),
        );
        $this->data['prod_des'] = array(
            'name'        => 'description',
            'id'          => 'description',
            'type'        => 'text',
            'cols'        =>  60,
            'rows'        =>  5,
            'value'       => $this->form_validation->set_value('description'),
        );
        $this->data['price'] = array(
            'name'        => 'price',
            'id'          => 'price',
            'type'        => 'text',
            'style'       => 'width:40px;text-align: right',
            'value'       => $this->form_validation->set_value('price'),
        );
        $this->data['prod_image'] = array(
            'value' => $this->form_validation->set_value('prod_image'),
        );

        $this->load->view('includes/header',$data);
        $this->load->view('products/product_form', $this->data);
                $this->load->view('includes/footer',$data);
```

```php
    }
}

 public function delete($prod_id) {

    $this->islogin();
    $this->load->model('product_model');
    if($this->product_model->deleteById($prod_id))
        redirect('product/index');
}

function edit_product($prod_id) {
    $product = $this->product_model->get_product($prod_id);

    $this->data['title'] = 'Edit Product';

    //validate form input
    $this->form_validation->set_rules('prod_name', 'Product name',
'required|xss_clean');$this->form_validation->set_rules('description', 'Description',
'required|xss_clean');
    $this->form_validation->set_rules('price', 'Price', 'required|xss_clean');
    $this->form_validation->set_rules('prod_image', 'Picture', 'required|xss_clean');

    if (isset($_POST) && !empty($_POST))
    {
        $data = array(
            'prod_name'                   => $this->input->post('prod_name'),
            'prod_des'          => $this->input->post('prod_des'),
            'price'                => $this->input->post('price'),
            'prod_image'                 => $this->input->post('prod_image'),
        );

        if ($this->form_validation->run() === true)
        {
            $this->product_model->update_product($prod_id, $data);
            redirect(base_url().'product/edit/'.$prod_id);
        }
    }
    $this->data['tbl_product'] = $product;

    //display the edit product form
    $this->data['prod_name'] = array(
        'name'      => 'name',
        'id'        => 'name',
        'type'      => 'text',
        'style'     => 'width:300px;',
        'value'     => $this->form_validation->set_value('name', $product['name']),
    );

    $this->data['prod_des'] = array(
        'name'        => 'description',
        'id'          => 'description',
        'type'        => 'text',
        'cols'        =>  60,
        'rows'        =>  5,
        'value'       => $this->form_validation->set_value('description',
$product['description']),
    );

    $this->data['price'] = array(
        'name'       => 'price',
        'id'         => 'price',
        'type'       => 'text',
        'style'      => 'width:40px;text-align: right',
        'value'      => $this->form_validation->set_value('price', $product['price']),
    );

    $this->data['prod_image'] = array(
        'name'  => 'picture',
        'id'    => 'picture',
        'type'  => 'text',
        'style' => 'width:250px;',
        'value' => $this->form_validation->set_value('prod_image', $product['picture']),
    );

    $this->load->view('products/edit_product', $this->data);
}

}
```

my model page is **product_model**:

```php
<?php class Product_model extends CI_Model {

 function __construct() {

     parent::__construct();
}

function listAllProduct() {
    $query = $this->db->select('*')->from('tbl_product')->get();
    //return $query = result();
    //$query = $this->db->query("select * from tbl_product");
    return $query->result();
}

function get_product($prod_id) {
    $this->db->select('prod_id, prod_name, prod_des, price, prod_image');
    $this->db->where('prod_id', $prod_id);
    $query = $this->db->get('tbl_product');

    return $query->row_array();
}
```

```php
public function insert_product($data) {
    if ($this->db->insert('tbl_product', $data))
        return true;
    else {
        return false;
    }
}

public function update_product($prod_id, $data) {
    $this->db->where('prod_id', $prod_id);
    $this->db->update('tbl_product', $data);
}

function deleteById($prod_id) {
    $this->db->where('prod_id', $prod_id);
    if ($this->db->delete('tbl_product')) {
        return true;
    } else {
        return false;
    }
}
```

View:

```html
<h2 align="center">Add Product</h2>
  <?php echo form_open("product/addproduct");?>
  <table width="700" border="1" cellpadding="0" cellspacing="2" align="center">
    <tr>
        <td width="130" align="right" bgcolor="#FFFFFF">Product Name: </td>
        <td><?php echo form_input($prod_name);?></td>
    </tr>
    <tr>
        <td width="130" align="right" bgcolor="#FFFFFF">Product Description: </td>
        <td><?php echo form_textarea($prod_des); ?></td>
    </tr>
    <tr>
        <td align="right" bgcolor="#FFFFFF">Price:</td>
        <td><?php echo form_input($price); ?></td>
    </tr>
    <tr>
        <td align="right" bgcolor="#FFFFFF">Picture:</td>
        <td><?php echo form_input($prod_image); ?></td>
    </tr>
    <tr>
        <td align="right" bgcolor="#FFFFFF"> </td>
        <td><?php echo form_submit('submit', 'Submit');?></td>
    </tr>
  </table>
<?php echo form_close(); ?>
```

Form page view:

```html
<h2 align="center">Add Product</h2>
  <?php echo form_open("product/addproduct");?>
  <table width="700" border="1" cellpadding="0" cellspacing="2" align="center">
    <tr>
        <td width="130" align="right" bgcolor="#FFFFFF">Product Name: </td>
        <td><?php echo form_input($prod_name);?></td>
    </tr>
    <tr>
        <td width="130" align="right" bgcolor="#FFFFFF">Product Description: </td>
        <td><?php echo form_textarea($prod_des); ?></td>
    </tr>
    <tr>
        <td align="right" bgcolor="#FFFFFF">Price:</td>
        <td><?php echo form_input($price); ?></td>
    </tr>
    <tr>
        <td align="right" bgcolor="#FFFFFF">Picture:</td>
        <td><?php echo form_input($prod_image); ?></td>
    </tr>
    <tr>
        <td align="right" bgcolor="#FFFFFF"> </td>
        <td><?php echo form_submit('submit', 'Submit');?></td>
    </tr>
  </table>
<?php echo form_close(); ?>
```

I m thankful to him/her who give me solution for this error code by checking mistake n error?

codeigniter

2 Answers

1: You have to use the attribute open_multipart when uploading files in forms:

```php
<?php echo form_open_multipart('product/addproduct');?>
```

2: Take off the file form attrribute from the form validation: Delete this:

```php
$this->form_validation->set_rules('prod_image', 'Picture', 'required|xss_clean');
```

3: Use this to save the file in folder:

```
$config['upload_path'] = './asset/Product_image/'; //The path where the image will be save
$config['allowed_types'] = 'gif|jpg|png'; //Images extensions accepted
$config['max_size'] = '2048'; //The max size of the image in kb's
$config['max_width']  = '1024'; //The max of the images width in px
$config['max_height'] = '768'; //The max of the images height in px
$config['overwrite'] = TRUE; //If exists an image with the same name it will overwrite.
Set to false if don't want to overwrite
$this->load->library('upload', $config); //Load the upload CI library
if (!$this->upload->do_upload('userfile')){
    $uploadError = array('upload_error' => $this->upload->display_errors());
    $this->set_flashdata('uploadError', $uploadError, $urlYouWantToReturn); //If for some
reason the    upload could not be done, returns the error in a flashdata and redirect to
the page you specify in $urlYouWantToReturn
    exit;
}
```

4: After that, you gonna grab the file name to save the file reference in Database. Put right below:

```
$file_info = $this->upload->data('userfile');
$file_name = $file_info['file_name']; //Now you got the file name in the $file_name var.
Use it to record in db.
//You can assign it to your data array to pass to your update_product function.
```

5: Now, the whole code merged:

```
function addproduct() {
$this->data['title'] = 'Add Product';

//validate form input
$this->form_validation->set_rules('prod_name', 'Product name',    'required|xss_clean');
$this->form_validation->set_rules('prod_des', 'Description', 'required|xss_clean');
$this->form_validation->set_rules('price', 'Price', 'required|xss_clean');

if ($this->form_validation->run() == true)
{
    $config['upload_path'] = './asset/Product_image/'; //The path where the image will be
save
    $config['allowed_types'] = 'gif|jpg|png'; //Images extensions accepted
    $config['max_size']    = '2048'; //The max size of the image in kb's
    $config['max_width']  = '1024'; //The max of the images width in px
    $config['max_height']  = '768'; //The max of the images height in px
    $config['overwrite'] = TRUE; //If exists an image with the same name it will
overwrite. Set to  false if don't want to overwrite
    $this->load->library('upload', $config); //Load the upload CI library
    if (!$this->upload->do_upload('userfile')){
        $uploadError = array('upload_error' => $this->upload->display_errors());
        $this->set_flashdata('uploadError', $uploadError, $urlYouWantToReturn); //If for
some reason the upload could not be done, returns the error in a flashdata and redirect to
the page you specify in $urlYouWantToReturn
        exit;
    }
    $file_info = $this->upload->data('userfile');
    $file_name = $file_info['file_name']; //Now you got the file name in the $file_name
var. Use it to record in db.
    $data = array(
        'prod_name' => $this->input->post('prod_name'),
        'prod_des'  => $this->input->post('prod_des'),
        'price'     => $this->input->post('price'),
        'prod_image'=> $file_name,
    );

    $this->product_model->insert_product($data);
    redirect('product/addproduct');

} else {
    $data=$this->generateCommonItems();
    //display the add product form
    //set the flash data error message if there is one

    $this->data['prod_name'] = array(
        'name'      => 'name',
        'id'        => 'name',
        'type'      => 'text',
        'style'     => 'width:300px;',
        'value'     => $this->form_validation->set_value('name'),
    );
    $this->data['prod_des'] = array(
        'name'      => 'description',
        'id'        => 'description',
        'type'      => 'text',
        'cols'      =>  60,
        'rows'      =>  5,
        'value'     => $this->form_validation->set_value('description'),
    );
    $this->data['price'] = array(
        'name'      => 'price',
        'id'        => 'price',
        'type'      => 'text',
        'style'     => 'width:40px;text-align: right',
        'value'     => $this->form_validation->set_value('price'),
    );
    $this->data['prod_image'] = array(
        'value' => $this->form_validation->set_value('prod_image'),
    );

    $this->load->view('includes/header',$data);
    $this->load->view('products/product_form', $this->data);
    $this->load->view('includes/footer',$data);
}
```

}

This is what i use in my CI projects, hope it helps!

edited Jul 26 '14 at 2:02   answered Jul 26 '14 at 1:55

Arthur Mastropietro
195 ● 1 ● 10

thanx .... – naWin Jul 28 '14 at 10:16

hope it helps! If does, please mark this as solved! Thanks – Arthur Mastropietro Jul 28 '14 at 17:43

@ArthurMastropietro - can you look out this stackoverflow.com/questions/34431199/... question? –
Vilas Galave Dec 23 '15 at 8:32

You can upload images with form by giving it an attribute of enctype.

```
<?php echo form_open_multipart('product/addproduct');?>
      <input type="file" name="userfile" size="20" />
      <input type="submit" value="Submit">
<?php echo form_close();?>
```

CodeIgniter also have some helper classes that can be found in the documentation.
Here's one:

http://ellislab.com/codeigniter/user-guide/libraries/file_uploading.html

answered Jul 25 '14 at 16:51

B_CooperA
130 ● 2 ● 11