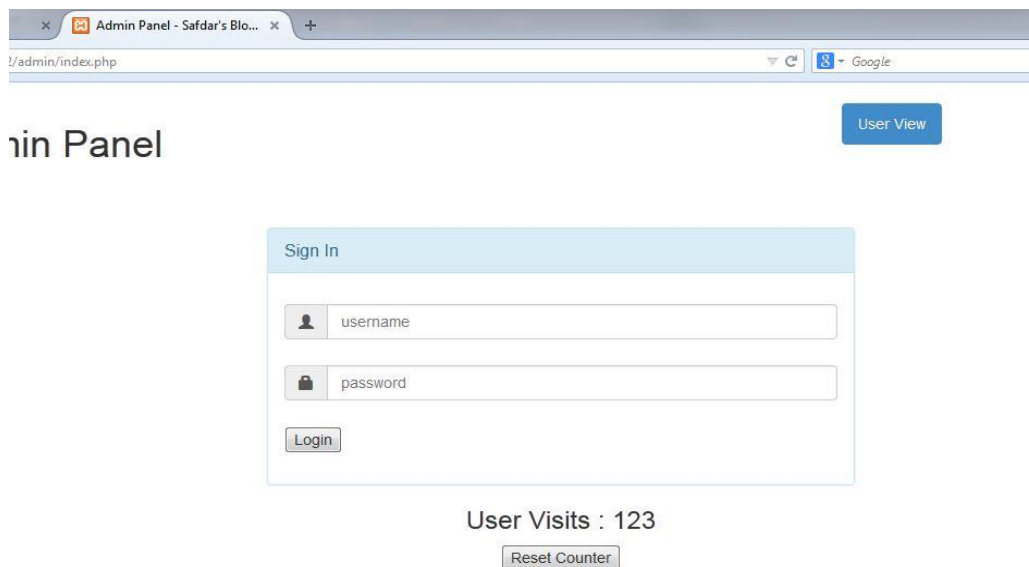# Course : ITM 562

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Assignment : 2

The files submitted for this assignment makes the use of BOOTSTRAP in order to create a good layout for the website.
You are going to build a blogging platform to complete with blogger and wordpress – two leading platforms in this space. Your blogging platform must offer at least two pages. One administrative page to save new blog entries and another separate page for outside users to view the last five blog entries. You have to perform the following tasks :

1. Administrators should be able use the admin section to upload a blog entry that consists of a title and blog text.
o The easiest way to do this might be through a single form that allows all these fields, and saving the blog file into a new folder for each new entry.

o All JavaScript injections to the form should be removed. HTML formatting may or may not be allowed, depending on your discretion.
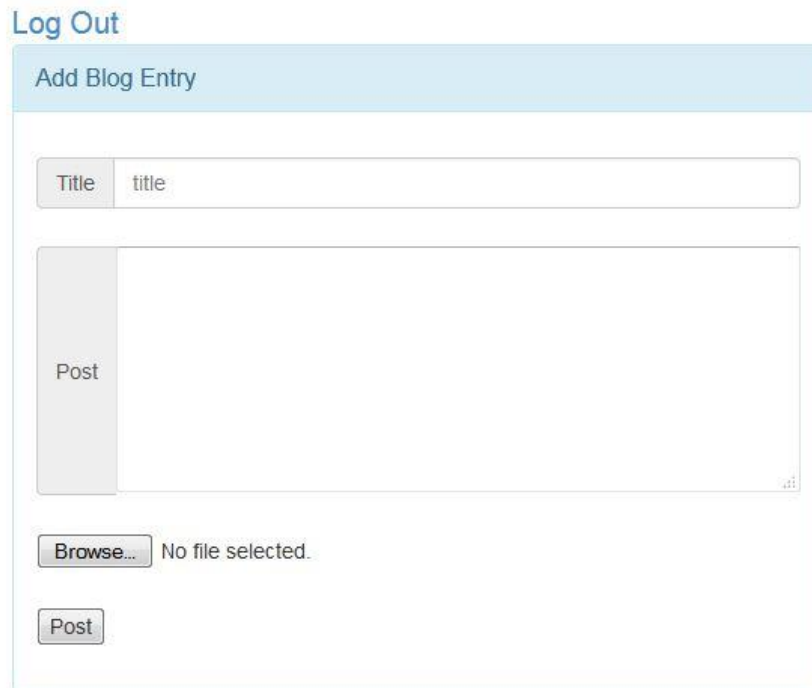

The username and password are as follows :
Username : admin
Password : admin

Once you are logged in, you will be redirected to the following screen :

The Title and Post are necessary while image is optional.

Graduate Extension :

Administrators should also be able to add an optional image to blog entries
o Add file uploading to the main blog upload on the admin section and save the uploaded image to the same folder as the blog entries

When the page blog page loads, it checkes if it is receiving any POST REQUEST from the form. If it receives any POST REQUEST then it saves the blog entry as follows :

- There are two folders : title and blogpost
- Title contains all the titles and blogpost contains all the blog entries
- In both the folders there is file named default which contains a number starting from 1
- Now, first when the form is updated, it takes the number of that default file and then create a new file in title folder with name of the post number and it create a new file in blogpost folder with the name of the post number
- Then it increment the number by 1 and update the default file
- So in this way as soon as the post increases, new files are created with the post number in title folder and blogpost folders respectively

- The number in the title folder corresponds to the title and the same number of blogpost contains it blog entry
- Content of file saved is as follows :

This is the blogpost entries, you can see there are also some image files of the respective blog entries if they are uploaded by the admin.

This is the titles of the entries.
You can see that both the folder contains a default file which contains the total number of the post.

2. Your blogging platform should have a standard layout including a site name and page header on the top of every page.
o The easiest way to do this is to create a set of reusable layout functions that are used on all your pages
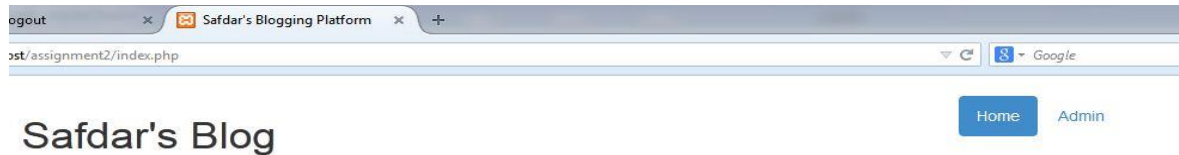
Every page has header name and title as shown above and menu on top using bootstrap

3. Your blogging platform should allow regular internet users to view up to the last five blog entries on the main page of the website. Each blog entry should clearly show the title, the blog text that the administrator uploaded for that entry.
o This might be best achieved by scanning the directory where you store all blog entries, and loading the files for each blog and displaying them using a custom function
o Blogs entries should be saved in files for safe keeping

I have already added 7 blog entries from the admin panel.

This viewing of blog entries are carried out as follows :

- It initializes a variable count = 0
- It takes the number from the default file as showed above which is the last post.
- Then it starts from the last post until the first post in the for loop and view all the titles and blog entries and count is incremented every time.
- But it is restricted until the count reaches 5, so when count reaches 5 then no more posts are shown.

Graduate Extension :

Users of the main blog site should see the images uploaded with each blog entry if one exists.

- You can see the image file in the third entry as I have already uploaded image

4. Your blogging platform should also show in a common footer at the bottom of every page the number of times the user has visited any page
o There should also be a button to reset the count to zero
o This is achieved best with session variables

User Visits : 128

Reset Counter

The user visits are shown on each page and it increments by 1 every time.
By clicking on Reset Counter button we can reset the user visits.

This is done as follows :
- Counter.php file is created separately to store the counter and it is called in every page
- In this file session is created and everytime the user refresh the page the user hits is incremented by 1
- When the reset counter button is clicked, the user hits is set to 1

Graduate Extension :

Clicking on each blog entry's title from the user page should display a new page containing only that blog entry.
o This should be using a second .php page, or you could alternatively use a $_GET request on the main index page.
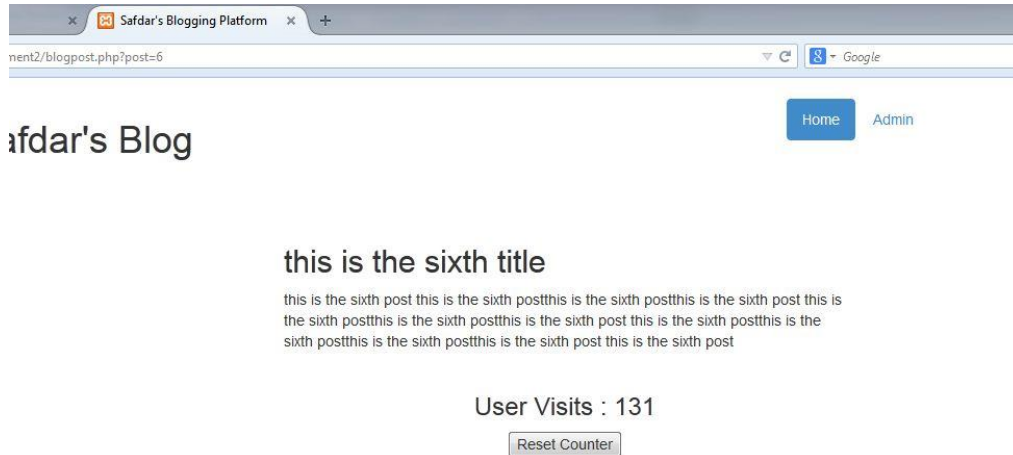
As you can see above I clicked on sixth title and I was redirect to a new page and here I can see the title of the sixth entry and the post of that entry.

This is done as follows :

- All the title are created using <A HREF> links and they redirect to a new page called blogpost.php by passing a parameter post = the number of the post
- When the user clicks on the link it goes to that page with the number of post
- When the blogpost.php page is loaded, it checks if it is coming from a parameter passed by GET request. If it is coming by GET request then it continues otherwise it just redirect to index page if the user has directly visited blogpost page
- Taking the number of the post from the GET request and viewing the corresponding post title and blog entry using that number