

Project Proposal – A blog website – from ‘Random’ Team

Our team will build a blog website application using PHP and MySQL database. A blog as you know it is an application where some users (Admin users) can create, edit, update and publish articles to make them available in the public to read and maybe comment on. Users and the public can browse through a catalog of these articles and click to anyone to read more about the article and comment on them.

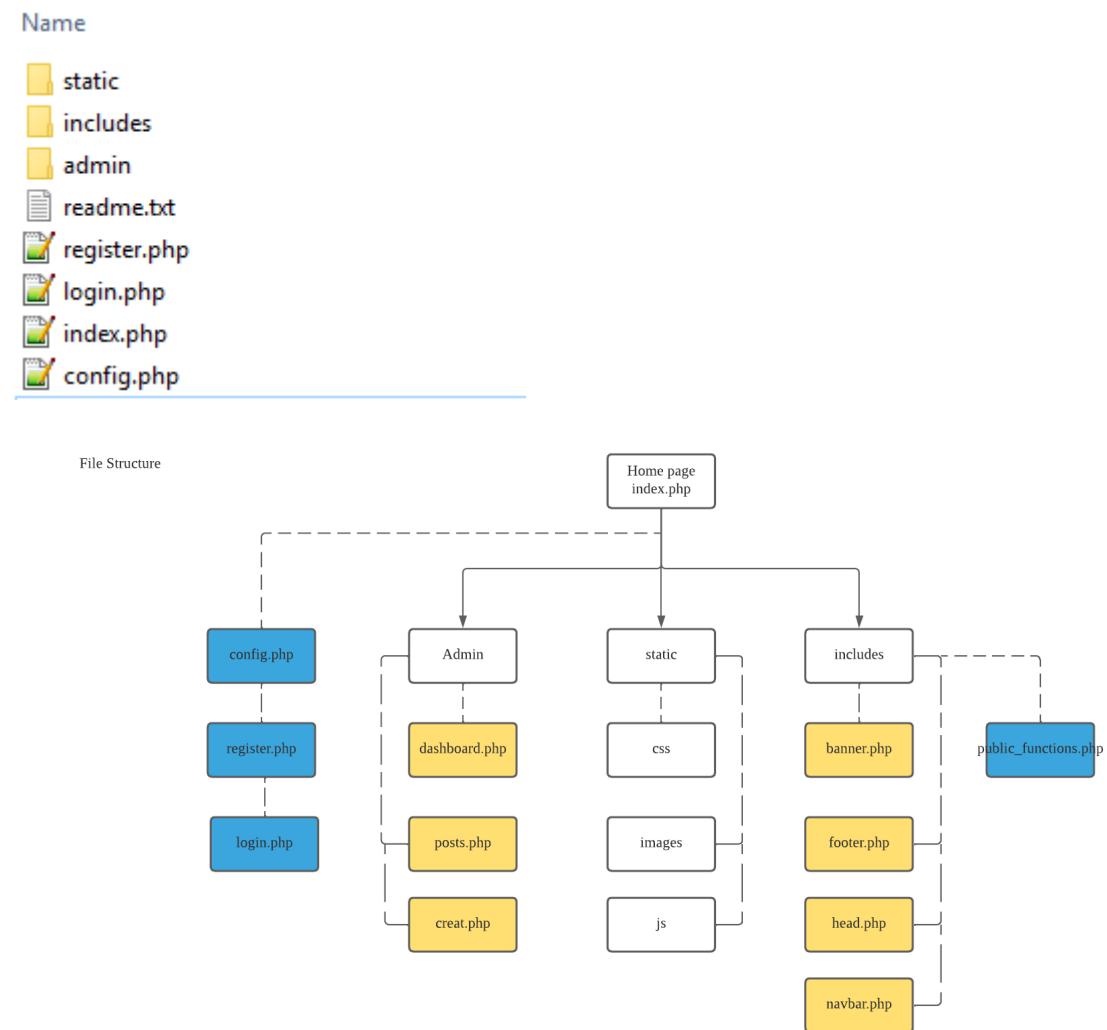
Features:

- A user registration system that manages two types of users: Admin and Normal Users
- The blog will have an admin area and a public area separate from each other
- The admin area will be accessible only to logged in admin users and the public area to the normal users and the general public
- In the admin section, two types of admins exist:
 - Admin:

- Can create, view, update, publish/unpublish and delete **ANY** post.
- Can also create, view, update and delete topics.
- An Admin user (and only an Admin user) can create another admin user or Author
- Can view, update and delete other admin users
- **Author:**
 - Can create, view, update and delete **only posts created by themselves**
 - They **cannot publish** a post. All publishing of posts is done by the Admin user.
- Only published posts are displayed in the public area for viewing
- Each post is created under a particular topic
- A many-to-many relationship exists between posts and topics.
- The public page lists posts; each post displayed with a featured image, author, and date of creation.
- The user can browse through all posts listings under a particular topic by clicking on the topic
- When a user clicks on a post, they can view the full post and comment at the bottom of the posts.
- A commenting function is implemented which allows users to comment.

Here is our web site folders and files structure:

Folders: admin, includes, and static.



The 3 folders will hold the following contents:

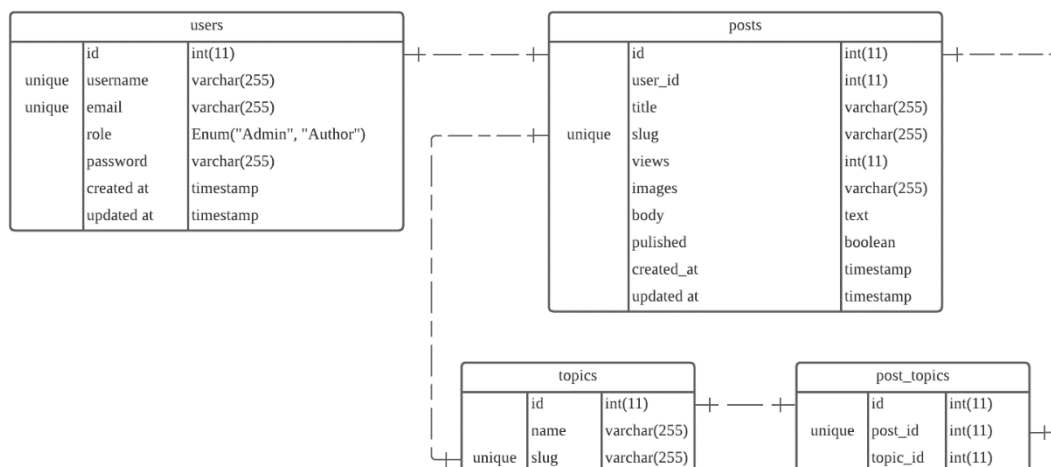
- **admin:** Will hold files for the admin backend area. Files concerned with creating, viewing, updating and deleting posts, topics, users.

- **includes:** Will hold files containing pieces of code that will be included into one or more other pages. E.g. Files for error display
- **static:** Hold static files such as images, CSS stylesheets, Javascript.

In the root folder of the application, have the file of `index.php`, `config.php`, `register.php` and `login.php`.

The Database

Create a database named `php_project`. In this database, create 4 tables: `posts`, `users`, `topics` and `post_topics` with the following relations.



FSD05

Random Team