

Short Description:

Role Name	Description
User	An User can login to the system show post, comment post, like post, add to favourite post, subscribe to get notification, can show own profile, can show author profile, search specific post, view activity log and message to Admin for any help or query. He can request to admin for make him author. After admin approve he can post like author.

User Modules:

User Dashboard Module (M1)		
Function	Description	Database
M1F1	A Dashboard should be developed in the system in the route "dashboard/user" were multiple types of information or overview would be Present such as: <ul style="list-style-type: none"> Showing number of post add to favourite list for current date and last seven days Showing number of comment add on post for current date and last seven days 	Select count of post add to favourite list from table "post_user" for the current date and last seven days. Select count of post comment from table "comments" for the current date and last seven days.
M1F2	User can view all his favourite post. Edit and delete from favourite list by navigating "/posts/favourite/{user_id}" . <ul style="list-style-type: none"> Can see all favourite post Can remove post from favourite post Can navigate to details of this specific post 	Select all post from table "post_user" where user_id = post_id.
M1F3	User can view all his comment. Edit and delete from comment list by navigating "/posts/commentByUser/{user_id}" . <ul style="list-style-type: none"> Can see all Comment in list Can remove comment from comment list Can navigate to details of this specific post 	Select all comment from table "comment" where user_id = comment.user_id.

User Account Module (M2)		
Function	Description	Database
M2F1	To view users profile data a GET request in “user/profile” with users information. HTML table format is used to view this information.	Select all data from users table where id=user_id
M2F2	<p>An Account option would be in the system side navigation bar in the route “/user/profile” Where would be present a Profile preview in the left and “Profile Setting” button in the right section of the page. Clicking the “Profile Setting” button, a form will appear in the page with Input fields Name, Email, Image.</p> <ul style="list-style-type: none"> Profile Setting <p>“author/profile” with POST request</p> <p>Upon submission of the edited data there will take place a validation including:</p> <ul style="list-style-type: none"> Name, Email and Image field cannot be empty Email should be email type Image type must be jpg, bmp, png <p>After validating all the above criteria, it would update the row of the table “users” from database according to the selected id. If there is validation error or database update error it would redirect back with (GET request) error message. If the database update is successful then it would give success message.</p>	<p>Update the row data of table “users” where id = “id” and the data are</p> <p>"name" = "name", "email" = "email", "profileImage" = "image"</p>

User request for Author(M3)		
Function	Description	Database
M3F1	<p>User can request for Author by navigating “user/request” route</p> <ul style="list-style-type: none"> Send request for promoting to Author Can add some message before sending Email send to User after approved by admin After Confirm By Admin User can post blog like author 	<p>Add one row to the table “userrequest” and status set to pending</p> <p>After approving admin it status set to accept</p>

User Homepage Module (M4)		
Function	Description	Database
M4F1	<p>To view users homepage data a GET request in “/home”.</p> <p>Here user can see</p> <ul style="list-style-type: none"> • All publish blog • Favourite blog count of a blog • Total comment count of a blog 	Select all post from posts table where status=publish
M4F2	<p>Top of the page user can view all category list with picture. After selecting the category all post is shown of this specific category</p> <ul style="list-style-type: none"> • All publish blog of specific category • Favourite blog count of a blog of this category • Total comment count of a blog of this category 	Select all category from categories table
M4F3	<p>All Author list shown in the footer section of home page. By selecting Specific author name navigate to “/single-author/{author_id}”, user can see-</p> <ul style="list-style-type: none"> • All post publishes by this author • Author name • Author image • Author Email 	Select all post from posts table where author_id = author_id
M4F4	<p>User can search post “/posts/search” By post title</p> <ul style="list-style-type: none"> • All publish blog searching title • Favourite blog count of a blog of searching title • Total comment count of a blog of searching title 	Select all post from posts table where title like query.

Single Blog Module(M5)		
Function	Description	Database
M5F1	<p>By selecting post title navigate “/single-blog/{id}” to Single blog page.</p> <ul style="list-style-type: none"> • User can add to favourite from this page “/favorite/{post}/add” • User can view all comment to specific post 	<p>Select all data from posts table where post_id=post_id</p> <p>Select all data from comments table where post_id=post_id</p>

M5F2	<p>In single blog page user can view all comment of this specific post. User can add new comment to this post by calling “/comment/{post}/add”</p> <ul style="list-style-type: none"> • User can add comment to this blog • User can edit his comment • User can delete his comment • User can reply comment by adding new comment to this specific blog 	<p>Insert into data of table “comment” referring post_id and user_id</p>
------	--	--

User Subscriber Module(M6)		
Function	Description	Database
M6F1	<p>User can subscribe to the site by giving email address to the footer of the page by calling post method “user/subscriber”</p> <ul style="list-style-type: none"> • Email should be verified • Sent mail to this mail after publishing any post to the website 	<p>Add email one row to the table “subscriber”</p>