Hello All,

We need to create 2 sections for one web application. One for admin user and one for any end user.

Please create folder name with your name ex. milind in your wamp server and do this exercise under that folder.

First create the admin section which can be accessed via something like this type of URL -> <http://localhost/milind/admin/>.

At first, we need to create database in MySQL and create login table with one record of super-admin with below credential:

**Email:** [**testuser@kcsitglobal.com**](mailto:testuser@kcsitglobal.com)

**Password: secret**

In admin section, we need to create below pages as explained below:

* **Login Page: login.php with below form details for post data**
* Email address
* Password
* Login button

**Notes for login page:**

* Email address and password would be matched with db. So, based on that session of these variable would be created.
* In above page, validation must be at client side and at server side.
* **Admin module with list, add, edit and delete functionality**
* Create another admin user with **ID, Name,** **Gender (Male/Female),** **Hobbies,** **Email**, and **Password**.
* Gender field should be in radio buttons with any one option can be selected.
* Hobbies field should be multiple checkboxes with options like **Cricket, Singing, Swimming, Shopping,** etc. User can select one or more checkboxes. Minimum one option is mandatory.
* Only super-admin (first user added directly in table) should able to add/edit/delete another user(s). For other than admin user can only access the list page.
* List page contains the edit and delete link. On clicking of the edit page link that record should be opened in edit page and user can edit it. On clicking of the delete link use ajax method to delete that record and after deleting that record list page should be refreshed.
* Add/Edit page with above given fields.
* Do it with both server-side and client-side validation.
* User also can login with this created one or more admin and session will work accordingly.
* Show login user email/name of user on every page with logout link, once user click on logout session will be destroyed and user redirect to login page.
* All other modules can be accessed after login. If user directly access it from browser then redirect them to login page.
* **Category module with list, add, edit and delete functionality**
* Create category table with **ID,** **Name** and **Active** fields.
* Active field contains like that category is active or not and only active category records we will consider everywhere.
* List page contains the edit and delete link. On clicking of the edit page link that record should be opened in edit page and user can edit it. On clicking of the delete link use ajax method to delete that record and after deleting that record list page should be refreshed.
* Add/Edit page with above given fields.
* Do it with both server-side and client-side validation.
* **Product module with list, add, edit and delete functionality**
* Create product table with **ID,** **Name, Category ID, Image, Created By User ID** and **Active** fields.
* Category ID field should contain the one of ID of category table. It means at time of add/edit page we need to show all categories and user can select any one of them. Also, at time of listing page we need to display name of that category.
* In image field user can upload the product image with only type of PNG, JPEG and JPG. Do validation on both client-side and server-side. This image also needs to display on listing page.
* Created By User ID field should contain the logged in user’s id and it should be saved in products table.
* Active field contains like that product is active or not.
* List page contains the edit and delete link. On clicking of the edit page link that record should be opened in edit page and user can edit it. On clicking of the delete link use ajax method to delete that record and after deleting that record list page should be refreshed.
* Add/Edit page with above given fields.
* Do it with both server-side and client-side validation.

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Front-end section which can be accessed via something like this type of URL -> <http://localhost/milind/>.

In front-end we need to only display listing page of products with ID, Name, Category Name, Image, Created By User Name and Active (Yes/No).

Also add one filter in list page with dropdown of all active category. Once user select any one of category then product listing page refresh and only display products which contains that category only.

**Note:** We need to do this exercise first with PHP and MySQL and then convert it into Laravel.