Ekattor School Management System

Developer Manual

Source Code Structure:

We followed standard MVC structure within powerful Php Codeigniter framework to develop this project.

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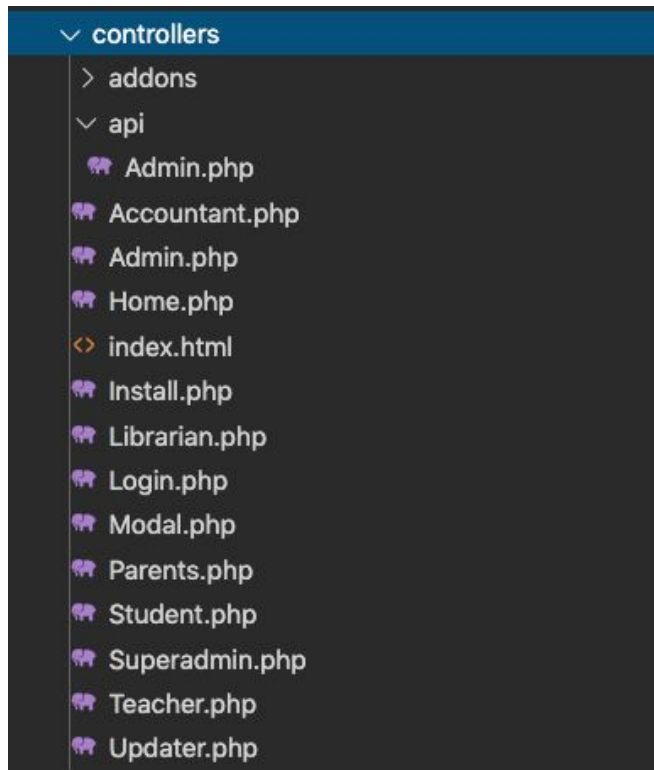
∨ controllers
   > addons
   ∨ api
     🐃 Admin.php
  🐃 Accountant.php
  🐃 Admin.php
  🐃 Home.php
  <> index.html
  🐃 Install.php
  🐃 Librarian.php
  🐃 Login.php
  🐃 Modal.php
  🐃 Parents.php
  🐃 Student.php
  🐃 Superadmin.php
  🐃 Teacher.php
  🐃 Updater.php
	1.(a) Structure of application directory
	● Controllers:
	  ○ **Addons** : All the controllers of installed addons will remain here.
	  ○ **API**:
	    ■ **Admin:** We are working on mobile application as well. Here we will write down all the API functionalities.
	  ○ **Admin.php**: It runs all the functions of admin panel.
	
	  ○ **Accountant.php**: It runs all the functions of an accountant panel.
	
	  ○ **Home.php**: All the functionalities of frontend are written in here.
	
	  ○ **Install.php**: Install.php controller handles the installation process.
	
	  ○ **Librarian.php**: Librarian.php controller handles all the functions of Librarian.
	
	  ○ **Login.php**: The functionalities of processing login system are written in here.
	
	  ○ **Modal.php**: Modal controller has the functionalities of pop up views.
	
	  ○ **Parents.php**: It runs all the functions of a parent panel.
	
	  ○ **Student.php**: It runs all the functions of a student panel.
	
	  ○ **Superadmin.php**: It runs all the functions of a Superadmin panel.

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	○ **Teacher.php**: It runs all the functions of a Teacher panel. ○ **Updater.php:** We've used Updater.php controller for updating the application.
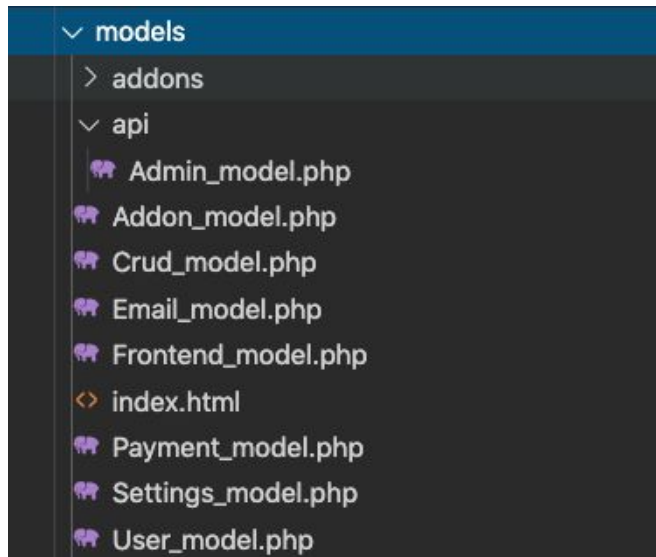
1(b) Structure of app Directory:

- **Models**: All the functions related to database are written down here.
  - **Addons** : This is where all the addons models will remain.
  - **API**
    - **Admin_model.php**
  - **Addon_model.php**
  - **Crud_model.php**
  - **Email_model.php**
  - **Frontend_model.php**
  - **Payment_model.php**
  - **Settings_model.php**
  - **User_model.php**
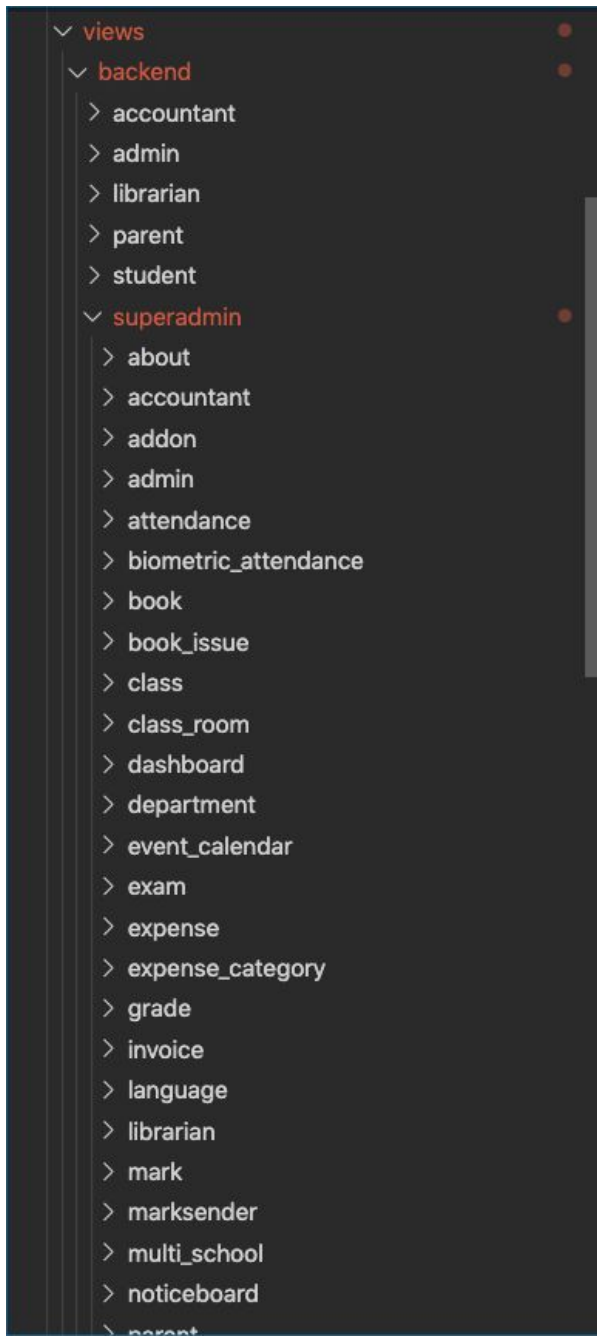
1(c) Structure of views:
- Views: We've separated all the view files in a standard way. Like we created folder module wise and kept all the view files inside the relevant folder.
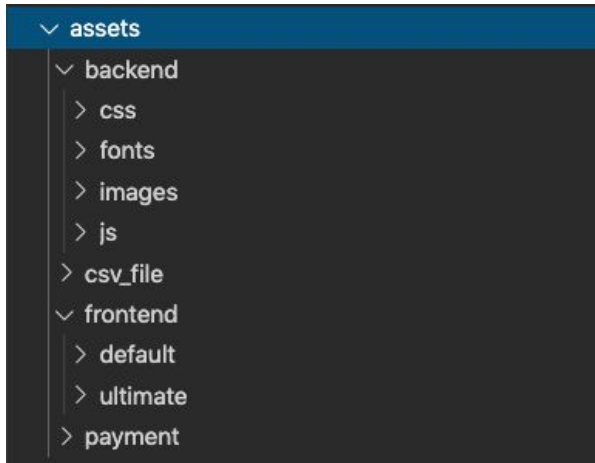
	2(a) Structure of Assets: ● **Backend:** This directory contains all the CSS, JS, essential plugins and images of backend panel. ● **Frontend:** This directory contains all the CSS, JS, essential plugins and images of frontend panel.

```
∨ assets
  ∨ backend
    > css
    > fonts
    > images
    > js
  > csv_file
  ∨ frontend
    > default
    > ultimate
  > payment
```