Managing user sessions in CodeIgniter

Topics : Codeigniter
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Managing user sessions in CodeIgniter involves handling user authentication, maintaining session data, and providing access control to different parts of your application. CodeIgniter provides a Session Library that makes it easy to work with sessions. Here's how you can manage user sessions in CodeIgniter:

1. Configuration:

- Ensure that the session library is loaded in your `autoload.php` configuration file or load it manually in your controller or model.

```
$this->load->library('session');
```

2. Starting a Session:

- CodeIgniter automatically starts sessions when your controller is loaded. You don't need to manually start sessions.

3. Storing Data in Session:

- You can store data in the session using the `set_userdata()` method of the Session Library.

```
$this->session->set_userdata('user_id', 123);
```

4. Retrieving Data from Session:

- You can retrieve data from the session using the `userdata()` method of the Session Library.

```
$user_id = $this->session->userdata('user_id');
```

5. Removing Data from Session:

- You can remove data from the session using the `unset_userdata()` method of the Session Library.

```
$this->session->unset_userdata('user_id');
```

6. Flash Data:

- Flash data is a type of session data that is only available for the next request, and then it is automatically deleted.
- You can store flash data using the `set_flashdata()` method.

```php
$this->session->set_flashdata('message', 'Login successful.');
```

- You can retrieve flash data using the `flashdata()` method.

```php
$message = $this->session->flashdata('message');
```

7. Destroying Session:

- You can destroy the session and remove all session data using the `sess_destroy()` method.

```php
$this->session->sess_destroy();
```

8. Accessing Session Data in Views:

- You can access session data directly in your views using the `userdata()` method.

```php
<?php echo $this->session->userdata('user_id'); ?>
```