

### 2.4.2.5 Create redirectToKeycloak Function

In the **LoginController.php** file, create the `redirectToKeycloak` function. This function redirects users to the Keycloak Authorization Endpoint to start the login process. It is a key step in integrating Keycloak with a PHP application using the OAuth2 or OpenID Connect protocols, ensuring secure and seamless user authentication.

```
public function redirectToKeycloak()
{
    $config = config('keycloak-web');

    $url = $config['base_url'] . '/realms/' . $config['realm'] . '/protocol/openid-connect/auth?' . http_build_query([
        'client_id' => $config['client_id'],
        'redirect_uri' => $config['redirect_uri'],
        'response_type' => 'code',
        'scope' => 'openid profile email',
        'state' => bin2hex(random_bytes(16)),
        'nonce' => bin2hex(random_bytes(16)),
        'prompt' => 'login',
    ]);
}
```

Figure 18: *redirectToKeycloak* Function