2.4.3.3 Create *loginWithKeycloak* Function

Create a `loginWithKeycloak` function in the **Auth.php** file controller. Initialize the OpenID Connect client and set redirect URI. Authenticate the user and save user data in session to handle login logic.

```php
public function loginWithKeycloak()
{

    $oidc = new OpenIDConnectClient(
        getenv('KEYCLOAK_BASE_URL') . '/realms/' . getenv('KEYCLOAK_REALM'),
        getenv('KEYCLOAK_CLIENT_ID'),
        getenv('KEYCLOAK_CLIENT_SECRET')
    );

    $oidc->setRedirectURL(getenv('KEYCLOAK_REDIRECT_URI'));

    $oidc->authenticate();

    $userInfo = $oidc->requestUserInfo();

    $user = $this->auth_model->where('ic_number', $userInfo->nric)->first();

    if ($user) {

        session()->set('keycloak_user', [

            'nama' => $userInfo->nama, 'nric' => $userInfo->nric

        ]);

        foreach ($user as $k => $v) {

            session()->set('login_' . $k, $v);

        }

        return redirect()->to('/Main');

    } else {

        session()->set('keycloak_user', [

            'nama' => $userInfo->nama, 'nric' => $userInfo->nric

        ]);

        return view('auth/ic_number_not_found');

    }
}
```

Figure 32: *loginWithKeycloak* Function