

2.4.3.9 Create *linkAccount* Function

Create a `linkAccount` function in the **Auth.php** file controller. Validate the email and password input. Attempt to authenticate the user using email and password. If the user is authenticated, update the IC number.

```
public function linkAccount()
{
    $session = session();

    if ($this->request->getMethod() == 'post') {
        $email = $this->request->getPost('email');
        $password = $this->request->getPost('password');
        $user = $this->auth_model->where('email', $email)->first();

        if ($user && password_verify($password, $user['password'])) {
            $nric = session()->get('keycloak_user')['nric'];
            $this->auth_model->update($user['id'], ['ic_number' => $nric]);
            foreach ($user as $k => $v) {
                $session->set('login_' . $k, $v);
            }
            return redirect()->to('/Main');
        } else {
            $session->setFlashdata('error', 'Invalid email or password');
            return redirect()->back();
        }
    }

    return view('auth/ic_number_not_found');
}
```

Figure 41: `linkAccount` Function