Database design

**Registration**

Clicking on Register sends the user to the registration page were registration information is collected. The registration form collects these details:

Name | Surname | Email| *Maybe contact number* |

The information collected here will be stored in pendingUsers table. The pendingUsers table stores the information below:

PENDINGUSERS (**id**, f\_name, surname, email, contact\_no, verify\_token, created\_at, updated\_at)

The users here are sent a verification email to the stated email address. They need to verify their email address within a limited time period (e.g. 5 days) after which their details are removed from the database (in other words the verification link expires)

**Verify Email address**

Clicking on the verify link sends a user to a page which they can now set up a password. After verification the user information is now transferred to the users table. Other information is transferred to the members table.

USERS (**id**, email, password, admin\_level, remember\_token, created\_at, updated\_at).

**Login**

Pending users are not able to log in because they have not created a password. Verified users can log in and start filling out the application form

**Application Form/User Profile**

After logging in there is a link called Apply Now or Application. The information collected here is stored in the members table. A user does not have to complete the entire application in one go. A message will appear prompting the user to complete his/her profile if incomplete. The UI will be designed in such a way that it allows the user fill in the information in batches with a button that says next or proceed to move on to the next form. After submitting the application form the link for Apply Now or Application is changed to Profile. In profile users can change a limited amount of their information like contact number and address.

MEMBERS (**id**, membership\_no, title, initials, f\_name, middle\_name, surname, maiden\_name, id\_passport\_number, tel\_number, cell\_number, marital\_status, insolvency, liquidation, electronic\_copy, beneficiary, application\_type, completed\_at)

**Additional Contact**

ADDITIONALCONTACT (**id**, member\_id(FK), cont\_type, title, initials, first\_names, surname, cell\_no, email, addr\_line1, addr\_line2, suburb, town, post\_code, postal\_address)

**Beneficiaries**

BENEFICIARIES (**id**, member\_id(FK), first\_names, surname, relationship, id\_number, percentage)

**Insurances**

INSURANCES (**id**, member\_id(FK), type, company, benefits, )

**Questions**

Membership number?

**UI/UX Design**

The domain is <https://www.dhs.org.za>. This website has four pages

Home

About

Register

Contact

There is also an admin site which is located at <https://admin.dhs.org.za>.

**Structure**