Register Function(User)

➢ *Requirement*
  - As a user I want the website to have user register function so that user wants to access special privileges can login to the system. They fill in a form, input their name, login name, password and other information to register an account to login to the system. Inputted information must meet special criteria such as the username is unique, password re-type is matched and all field is required to be filled. If one of these criteria is not satisfied, it will show the errors warning.

➢ *Dev Task*
The solution is to create a function that will follow this event flow
  - User can access Register function from the embedded icon in the header on top right of every page labeled "Register"
  - The system displays the page with register form and asks user to fill in the blank. All of the blank must be filled with the correct format
  - User fills in the form with required information then press Register button
  - The system validates inputted information and sends to the database
  - The database named Users stores the information of existed user and it consists of the following fields id (varchar, PK), first name (varchar), lastname (varchar), username(varchar), password (varchar), phone (int), address (varchar), created(datetime), modified(datetime). Once the inputted information is validated, the account will be created in the database and return the result back to the system
  - Once the inputted information is validated, the account will be created in the database and return the result back to the system
  - If Success, the system will inform that "Create account successfully". Otherwise, it will show the warning message of the error.
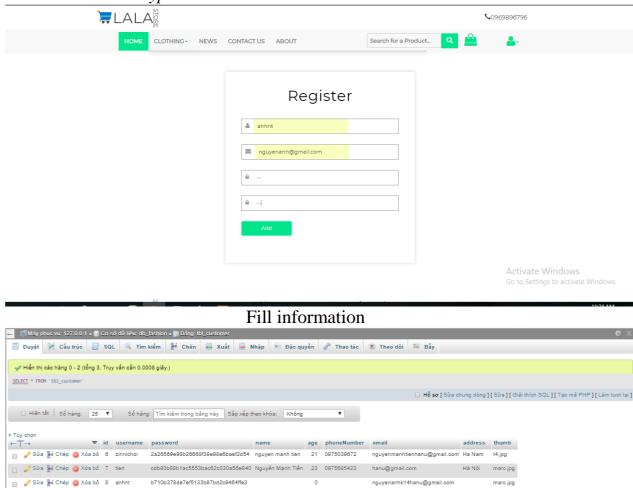
➢ *Acceptance Criteria:*
  - Create Register page.
  - Ability to register for new account by type the email, name, phone, address, password
  - Checking if given email is stored in database. If not, the request to register will be completed
  - If there is, a message will be sent, that notice for user to type another email
  - Register button to re-directed to Home Page to show name of account

- ➢ *Definition of Done:*
  - • Passes testing per acceptance criteria items.
  - • Checking given email whether it's stored in database or not
  - • Register successfully and user's information is updated on database

- ➢ *Prototype and Demo*

Fill information

Information of user is updated on db