Code review

Here some suggestions for the signup.py file (this list does not pretend to be exhaustive):

- Let's follow the SoC (Separation of Concerns) principle, therefore, move each class to its own file (pages.py, processor.py, main.py) to enhance modularity, testability and maintainability.
- 2. Let's follow the SRP (**Single Responsibility Principle**) principle, therefore, each class should have only one responsibility. For example:
 - Processor#process_form should only focus on processing the form data and not on printing/interacting via messages with the users - so remove the usage of pages (line 39) in the process_form function.
 - Also, be carefully with circular dependencies, in this case it's not critical but still somehow present: Pages#signupform_page creates an instance of Processor and calls Processor#process_form, in turn process_form creates an instance of Pages (Pages -> Processor -> Pages).
- 3. We should search for high cohesive and low coupled code, for this, we should avoid creating instances of other classes and instead follow the IoC (**Inversion of Control**) principle. For this we can pass the dependencies (**Dependency Injection**) via the classes constructors. Particularly, an instance of Processor should be provided to Pages, so it can be called to handle the user inputs.
- 4. Move the users table name to a constant, configuration variable or environment variable if no other way. We should avoid hardcoded values.
- 5. Validation on inputs must be implemented:

- Validate that all the user inputs have length > 0.
- Check is a valid email address, a first approach can be implemented using a RegEx.
- Age should be an integer.
- User type must be in the set (user, staff, admin).
- 6. After implementing the validations, the process_form function can be refactored to avoid duplicated code. At this point formvars['usertype'] should only hold a valid user type - (user inputs were validated), so no need for those if/else statements. Now, it can simply call the insert function and add the arguments. More processing on the data can be made in this function.
- 7. Add error handling for DB insert function call in Processor#process_form.
- 8. Remove returns from Pages#thankyou_page and from Processor#process_form as they are useless at this point (YAGNI, KISS).
- 9. Follow the snake_case naming convention. For example, signupform_page should be signup_form_page.