# Hello\_stranger APP

**N.B.**

1- Items highlighted in yellow are optional, do them only if you have time remaining before breakout rooms close.

2- When searching for bugs, make use of the errors displayed in the browser when you try running the app.

1. Once you head to the project directory, run pip3 install -r requirements.txt in your terminal.
2. Run the app as is.
3. connect to postgres instead of SQLite
4. fix all bugs that prevent application from running (bugs are related to either database connection or creating tables)
5. Rerun the app and explore it from the browser
6. See what happens when you submit the same name twice
7. create a new table "Team" with columns team\_name, members(integer), senior (boolean).... use repr for the new table

Using python interpreter

1. Check repr is working for all tables, modify accordingly.
2. Modify an entry in Team table then commit it
3. Use select \* in psql to check records formed in “Team” table
4. a- Add an entry to the User table. Before adding it to the session, perform a query.all() on User
5. Add the entry to the session then try query.all() again
6. Print the entry ID… what is the output and why?
7. Commit then try printing the ID.. why is it different?
8. Add multiple entries to the session in one command
9. Use both filter and filter\_by to get an entry with a specific name

Bonus tasks

Bonus flask\_wtf extension, how is it working in the application ?

Bonus @app.shell\_context\_processor .. uncomment it and try to find how it can be useful in flask shell

# References

**to download the full code for the book, type in terminal ( git clone https://github.com/miguelgrinberg/flasky.git )**

then cd into flasky folder

use git checkout <version> to head you to the neded checkout