

1 Introduction

The purpose of this document is to highlight and outline the important steps for the submission of your assignment 3.

2 Here is what you need to do before submitting your assignment3 on MarkUs

1. Make sure that your flask code runs on port 5000. The very first thing that we will do when marking your assignment is go to the following link <http://localhost:5000>
2. Make sure that your welcome page or your starting page is shown to us when we go to <http://localhost:5000>.
3. Use relative path names and not absolute path names. Absolute path names will only work on your computer and will not work when we test your assignment on our computers. If you use absolute path names, your program will not run and we cannot test your code and you will receive heavy penalty.
4. You must submit to us a .db file that has some predefined users (students and instructors) and some dummy marks data. We ask you to create the following users:
 - Student
 - username: student1
 - password: student1
 - username: student2
 - password: student2
 - Instructor
 - username: instructor1
 - password: instructor1
 - username: instructor2
 - password: instructor2
5. Make sure that you have the above entries created with some dummy data for grades, so that we can immediately test your code with these entries first. Later we will create our own users as well when testing your assignment.
6. We will use Python 3.x and not Python 2.x when testing your code. Make sure that your code runs find on Python 3.x
 - You can use SQLAlchemy from lecture, OR
 - You can use the default SQLite package present in Python 3.x that was also used in tutorials in the week of 25th March.
 - You can safely assume that we have installed SQLAlchemy package on our machines before testing your code.
 - Make sure that you do not use any other packages besides the one that are present in Python 3.x, flask, and SQLAlchemy. These are the only ones that you are allowed to use. In other words, you can use everything that is present inside Python 3.x, flask and SQLAlchemy.
 - Your python file that contains the Flask code must be called `app.py`.
7. Provide a short report to us (.pdf) that summarizes what features you had working and what features you could not get completed. Make sure to have them outlined clearly.

The report must also clearly mention the items that were worked on by each team member. In addition, you must also say what % of assignment 3 was worked by team member 1 and what % of assignment 3 was worked by team member 2.

8. Your submission to us must be called `assignment3.tar` that will contain inside it a single folder called Assignment3.

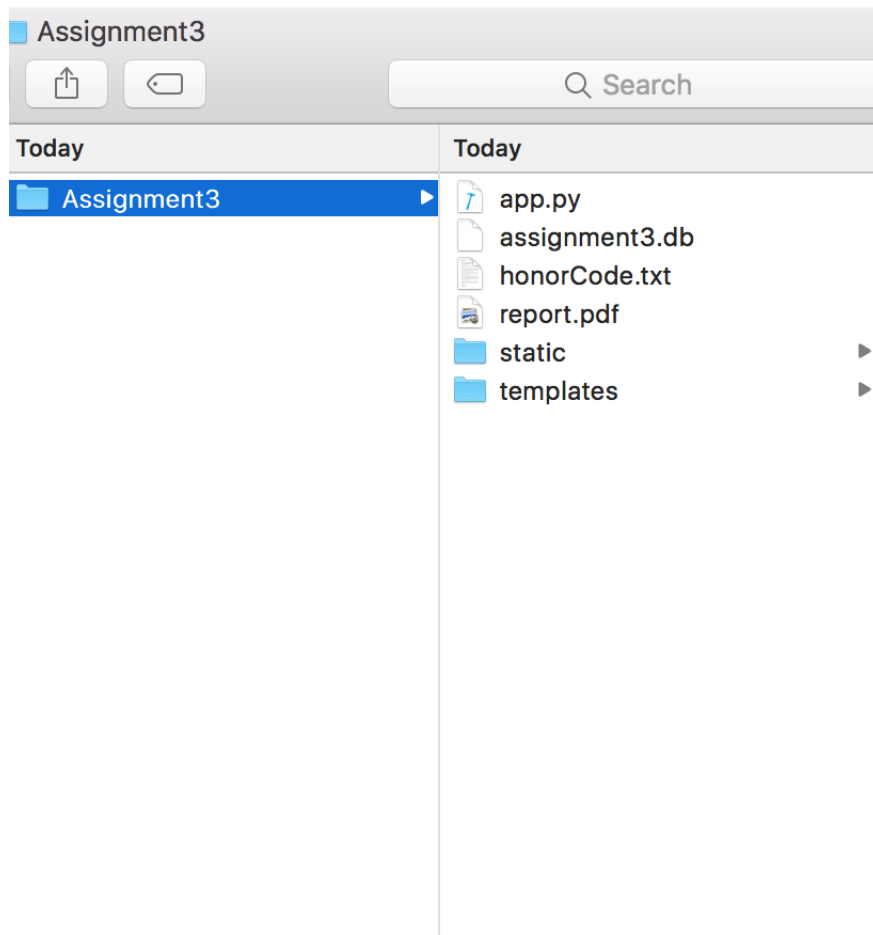


Figure 1: Directory structure of your assignment 3

- From the figure above:
 - (a) `app.py` contains all of your Flask code
 - (b) `assignment3.db` contains your SQLite database that the Flask code refers to
 - (c) `honorCode.txt` is the honor code and must clearly contain the honor code along with the first name and last name of you and your partner
 - (d) `report.pdf` contains the report of your assignment as outlined above.
 - (e) `static` directory contains all the css files, images, etc, and other static files.
 - (f) `templates` directory contains all the html files.
 - (g) LASTLY, MAKE SURE THAT EVERYTHING IS STRUCTURED AS MENTIONED IN THE FIGURE AND WORKS. If it does not work on your or your partner's computer, it will also not run on our computer.