2 Whites & a Gray – Nada Hameed, Gitae Park, Brianna Tieu

SoftDev

P00: Half Quick

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time spent: 1 hr
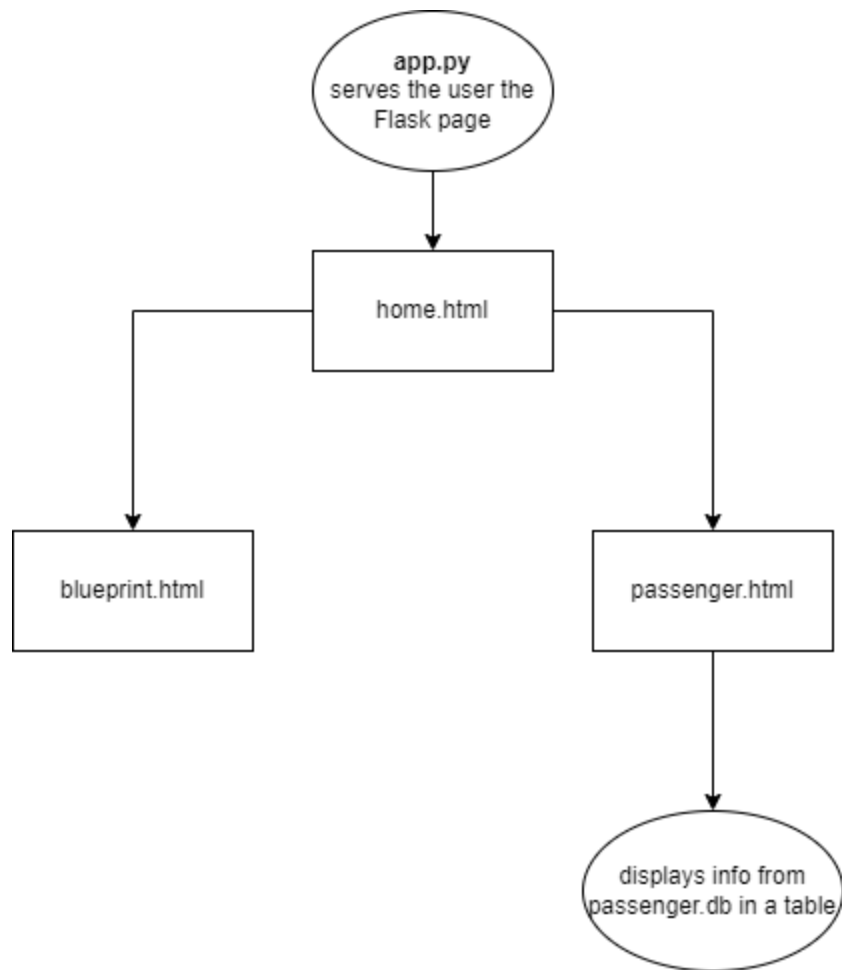

Wiki Topic: <u>The Titanic</u>

<u>**Program Components:**</u>

    1) **home.html** - html template for the home page: history, images

    2) **passenger.html** - html template for the passenger list

    3) **blueprint.html** - html template for the ship's blueprint

    4) **passenger.db** - database with the passenger information

    5) **db.py** – python used to create the database

    6) **app.py** - brings all the components together to display on a webpage through Flask

<u>**Component Relationships:**</u>

    - <u>.html templates:</u> create the base for our website and for what we want to display to the user

    - <u>passenger.db:</u> provides the information we need to complete the table for the passengers

    - <u>python files</u>

        - **db.py:** creates passenger.db using an existing csv file

        - **app.py:** connects all the components together; renders the html templates and allows the user to see the webpage

Flowchart:

Required Tasks:

- Create html templates (home, passenger, blueprint)

- Gather data and create a database (passenger.db)

- Use database to form a table

- Link it all together and serve to user using Flask (app.py)