DoulaHoop Version 1.0 08/05/14

What is it?

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DoulaHoop is a web app that connects soon-to-be parents to practicing doulas (non-medical childbirth assistants). DoulaHoop helps parents search for doulas based on location, experience, services, availability, and pricing. Doulas benefit from the service through increased web-visibility and access to a wider pool of potential clients. It is built in Python with a Flask framework, and uses a SQLite database.

The latest version

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The latest version is 1.0, and was last updated August 5, 2014.

Getting started

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First, clone this directory to your computer. Then

- Create and activate a new, empty virtual environment.

- Install the packages listed in requirements.txt

- Start the application by running python melons.py.

- Navigate to [http://localhost:5000](http://localhost:5000/) and start exploring the app.

What’s inside?

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* app.py: This runs the program, and contains all of the Flask app routes.
* model.py: This sets up and creates the database and user classes. It also contains methods related specifically to adding users to the database.
* Doulahoop.db: database that stores user information
* Static folder includes:
  + Templates: these are html templates that use Jinja to render pages to the browser.
  + Images: including webpage images, and user profile pictures (in the Uploads file)
  + Libraries (Jquery, Bootstrap)
  + Custom CSS styles
* Tests
  + tests.py: unit-tests
  + db\_tests.py: tests functions that query the database or store information in the database
  + site\_tests.py: tests the Flask framework
* Helpers: contains files with functions that are imported into app.py to facilitate readability
  + api\_helpers.py: methods related specifically to the Google geocoding API
  + forms.py: methods related to creating and processing form information
  + passwords.py: methods related to hashing, storing, and calling passwords
  + users.py: methods related to creating user accounts, and displaying profile pages

Contact information

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