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Fyyur: Artist Booking Site

REVIEW

CODE REVIEW 7

HISTORY

▶ app.py 4

▶ Models.py 2

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```
1 import os
2 SECRET_KEY = os.urandom(32)
3 # Grabs the folder where the script runs.
4 basedir = os.path.abspath(os.path.dirname(__file__))
5
6 # Enable debug mode.
7 DEBUG = True
8
9 # Connect to the database
10
11
12 # TODO IMPLEMENT DATABASE URL
13 SQLALCHEMY_DATABASE_URI = 'postgresql://uwyne:password1@localhost:5432/fyyur'
```

SUGGESTION

I suggest you consider building this connection string using environment variables values.

Code that deals with JWT validation, REST APIs, database operations, etc., are the actual code representing your application's collection name, token, secrets, all of those are expected to change over time; besides increasing the application's security & you can restart the app instead of rebuilding the whole thing if the environment value changes - those are some of the enhancements by handling these values using [environment variables](#).

Considering the project submission and learning process, you don't need to implement the whole dynamic variable strategy hooks while setting defaults. You would get the same result but in a scalable manner.

You can achieve that by leveraging the Python's `os` package, as demonstrated below:

```
DB_HOST = os.getenv('DB_HOST', '127.0.0.1:5432')
DB_USER = os.getenv('DB_USER', 'postgres')
DB_PASSWORD = os.getenv('DB_PASSWORD', 'postgres')
DB_NAME = os.getenv('DB_NAME', 'your_db')

DB_PATH = 'postgresql+psycopg2://{}:{}_{}@{}/{}'.format(DB_USER, DB_PASSWORD, DB_HOST, DB_NAME)

14
15 # remove console warning
16 SQLALCHEMY_TRACK_MODIFICATIONS = False
17
```

▶ fabfile.py

▶ forms.py

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- ▶ migrations/env.py
- ▶ migrations/README
- ▶ migrations/versions/092c81e0ae06_initial_database_creation.py
- ▶ migrations/versions/c7d504feae69_added_all_models.py
- ▶ migrations/versions/dc594c07605c_added_website_to_artists.py
- ▶ migrations/versions/e4a166de4cb9_added_fields_to_artist.py
- ▶ README.md
- ▶ requirements.txt
- ▶ static/css/bootstrap.css
- ▶ static/css/bootstrap.min.css
- ▶ static/css/bootstrap.min.js
- ▶ static/css/bootstrap-theme.css
- ▶ static/css/bootstrap-theme.min.css
- ▶ static/css/layout.forms.css
- ▶ static/css/layout.main.css
- ▶ static/css/main.css
- ▶ static/css/main.quickfix.css
- ▶ static/css/main.responsive.css
- ▶ static/js/libs/bootstrap-3.1.1.min.js
- ▶ static/js/libs/jquery-1.11.1.min.js
- ▶ static/js/libs/modernizr-2.8.2.min.js
- ▶ static/js/libs/moment.min.js
- ▶ static/js/libs/respond-1.4.2.min.js
- ▶ static/js/plugins.js
- ▶ static/js/script.js
- ▶ templates/errors/404.html
- ▶ templates/errors/500.html

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▶ templates/venues.html

▶ templates/forms/edit_artist.html

▶ templates/forms/edit_venue.html

▶ templates/forms/new_artist.html

▶ templates/forms/new_show.html

▶ templates/forms/new_venue.html

▶ templates/layouts/form.html

▶ templates/layouts/main.html

▶ templates/pages/artists.html

▶ templates/pages/home.css

▶ templates/pages/home.html

▶ templates/pages/search_artists.html

▶ templates/pages/search_venues.html

▶ templates/pages/show.html

▶ templates/pages/show_artist.html

▶ templates/pages/show_venue.html

▶ templates/pages/shows.html

▶ templates/pages/venues.html

RETURN TO PATH

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