

Happening Free

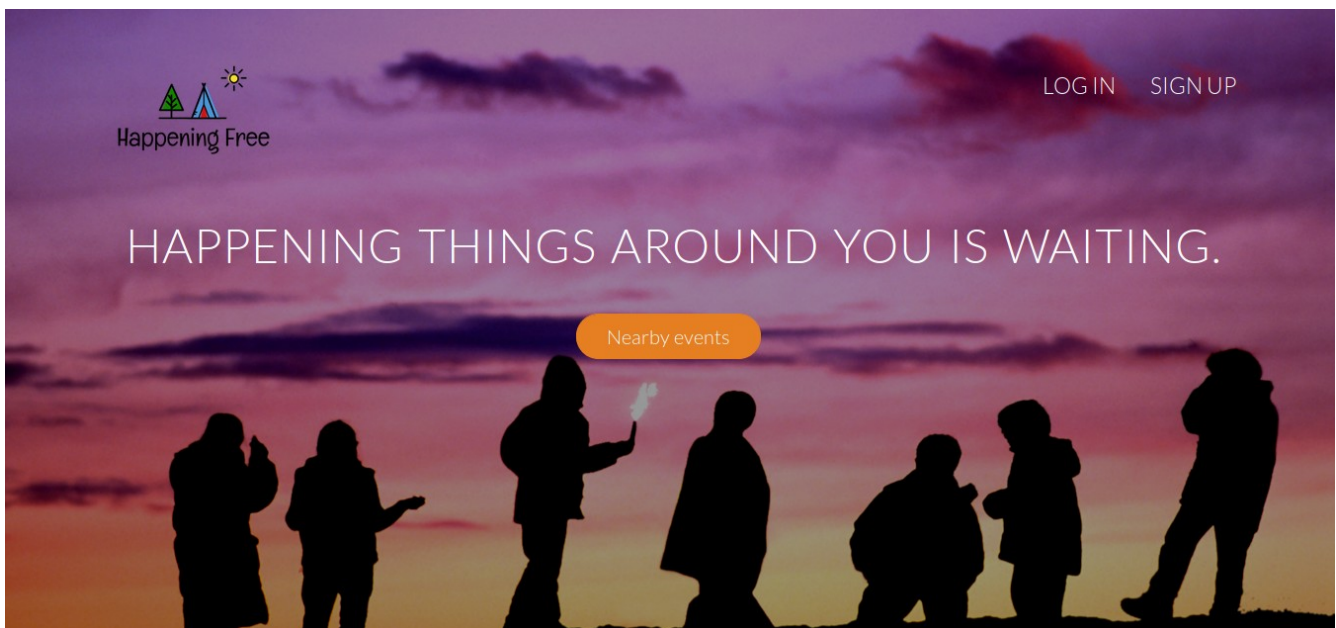
An event organining and joining app.

MANUAL

To start the Application:

1. Navigate into the HappeningFree dicrectory.
2. **source venv/bin/activate**
3. **cd src**
4. **python manage.py runserver**

Main Page:



Sign Up:

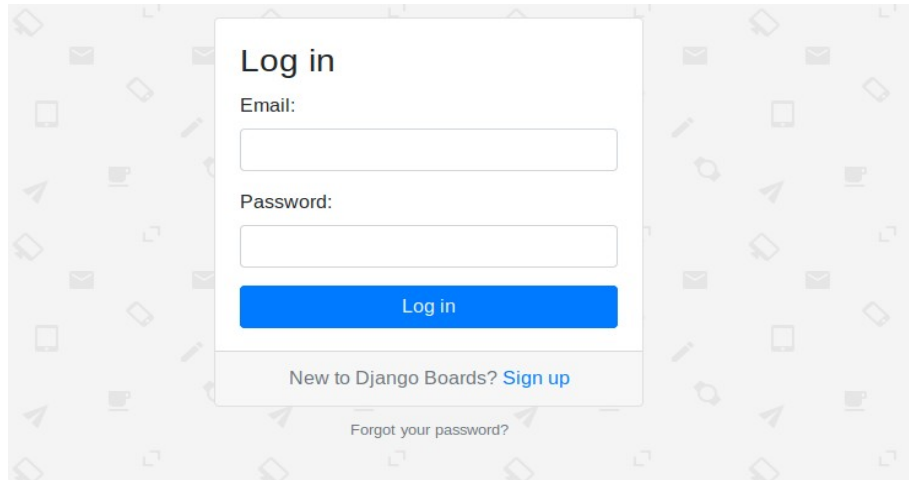
- Enter all the fields. All are compulsory.
Email and password must be memorised as they are important.

The image shows a sign-up form on a website. The form is titled "Sign up" and has a "Home" button in the top left corner. The form fields are: Username, First name, Last name, Email, Password, Password confirmation, Age, and Institution. There are also some instructions for the password: "Your password can't be too similar to your other personal information.", "Your password must contain at least 8 characters.", "Your password can't be a commonly used password.", and "Your password can't be entirely numeric." The form is set against a background with a pattern of small icons.

- You need to sign in after you have resgistered on the site.

Log in:

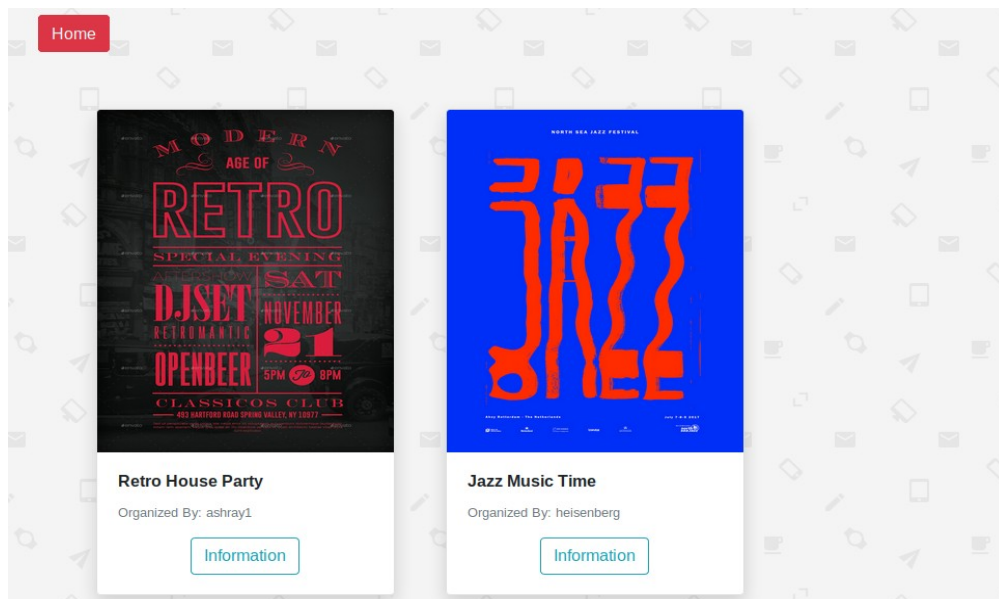
- Email and password to Enter the site.



A login form titled "Log in" is centered on a light gray background with a pattern of small, faint icons. The form is a white rectangle with a thin gray border. It contains two input fields: "Email:" and "Password:". Below the password field is a blue button with the text "Log in". At the bottom of the form, there is a link "New to Django Boards? Sign up" and a link "Forgot your password?".

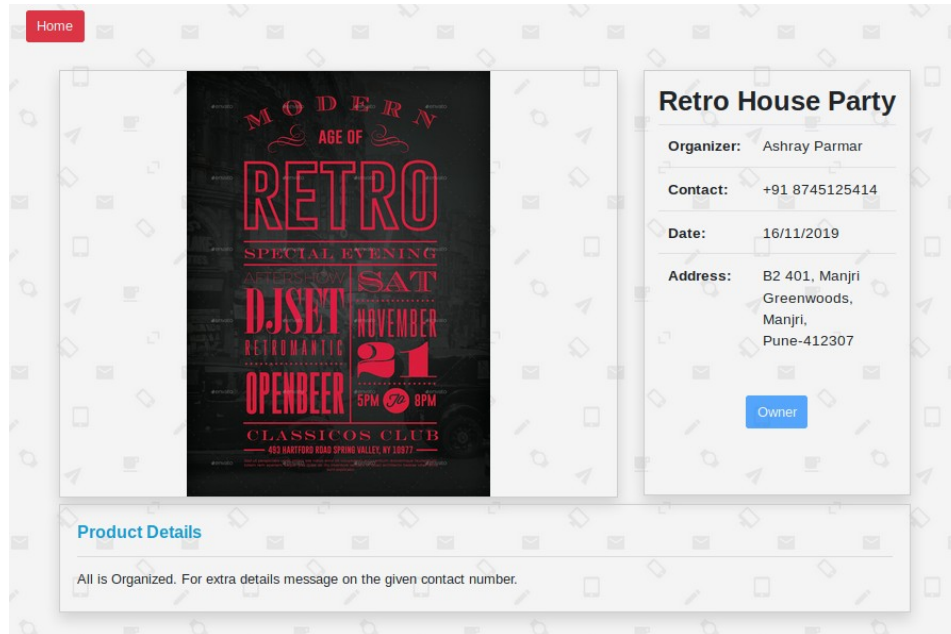
Nearby Events :

- All events are shown in the card format.
- Click on the information button to know more about the event.

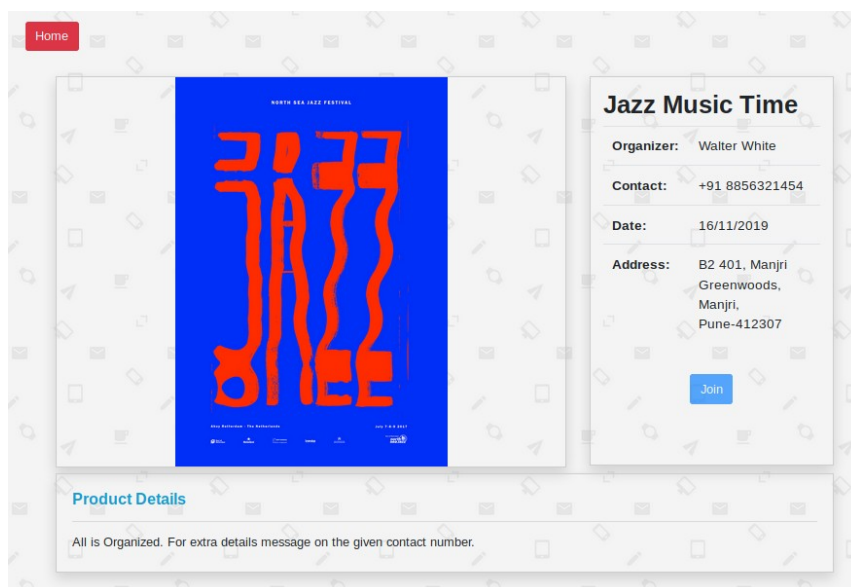


Events Detail View:

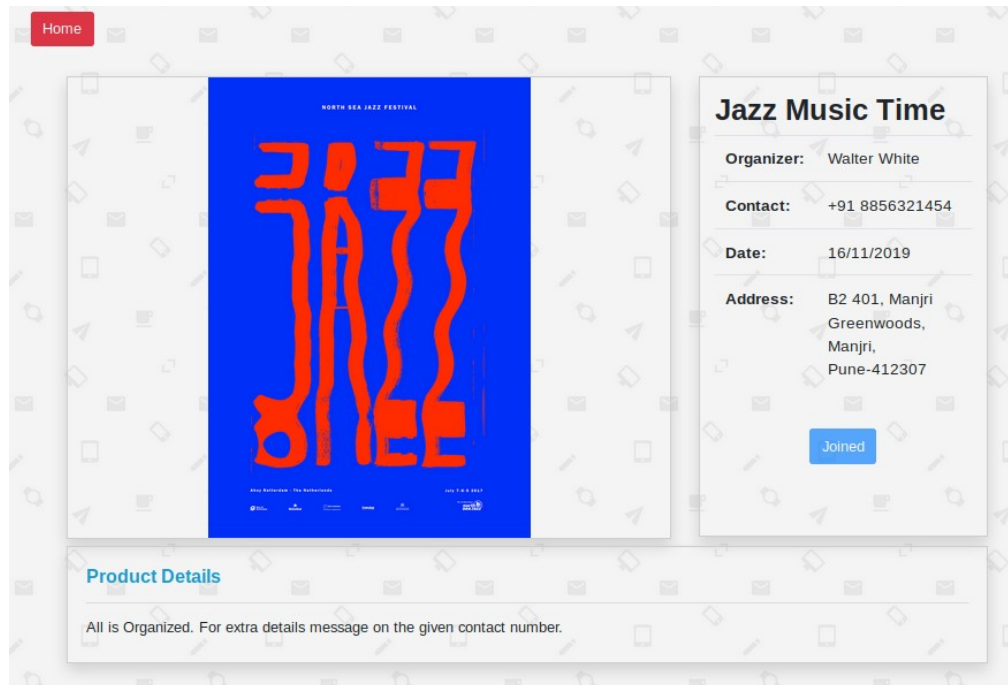
- This page gives you all the details about the event.
- If you are owner of the event, the button in the right hand bottom shows 'owner label'.



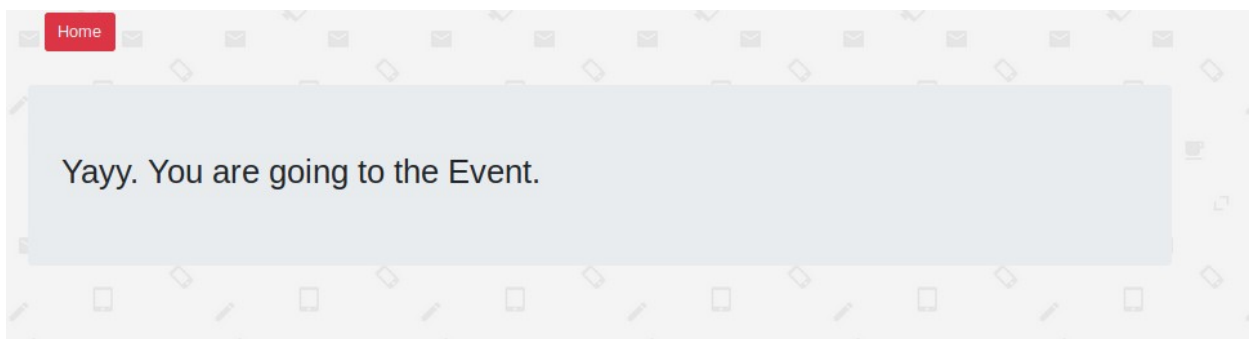
- If you are yet to join the event, the button shows 'Join' label.



- To join the event you must be logged in and should click the join button.
- If you have already joined the event, the button shows 'Joined' label.

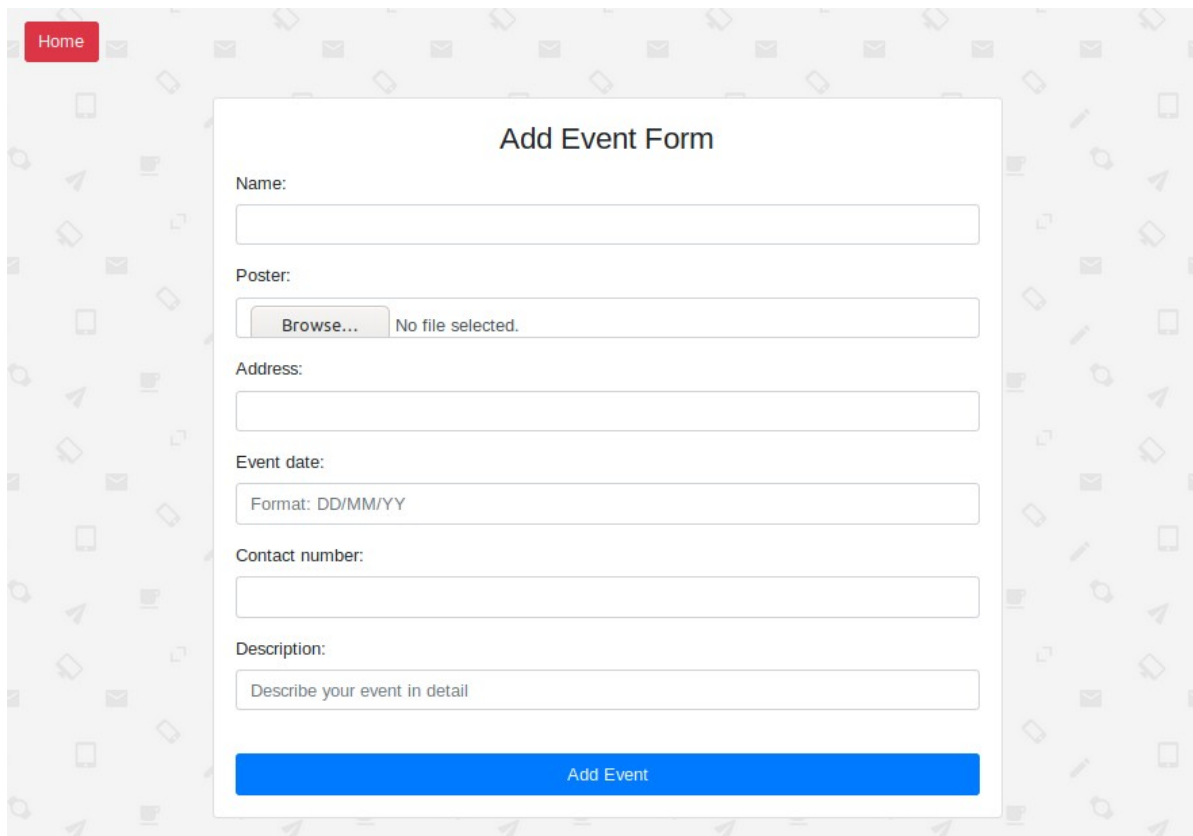


- You get a conformation once you join an event



Organizing An Event:

- To Organize an event click on organize tab on homepage.
- Fill out the form. All the details are compulsory



Home

Add Event Form

Name:

Poster:
 No file selected.

Address:

Event date:

Contact number:

Description:

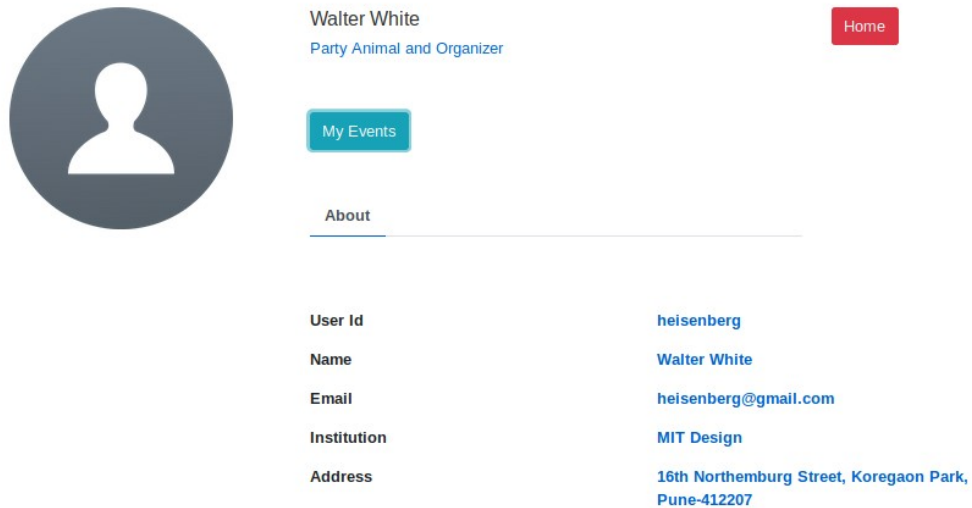
- When you fill the form, the event is added to the nearby events page.
- You can join the event and also ask your friends to join the event.

Development:

- Some parts are still in development like the android and iphone app. If you click on them you get redirected to a different development page.

Profile:

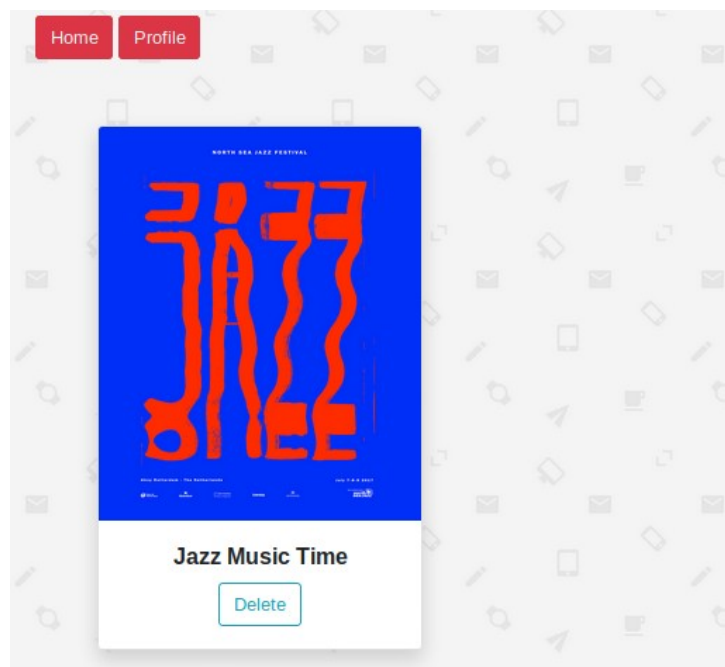
- Your profile page has all the information of your accounts.



The profile page for Walter White, identified as a 'Party Animal and Organizer'. It features a circular profile picture placeholder, a 'Home' button, and a 'My Events' button. The 'About' section is active, displaying the following details:

Field	Value
User Id	heisenberg
Name	Walter White
Email	heisenberg@gmail.com
Institution	MIT Design
Address	16th Northemburg Street, Koregaon Park, Pune-412207

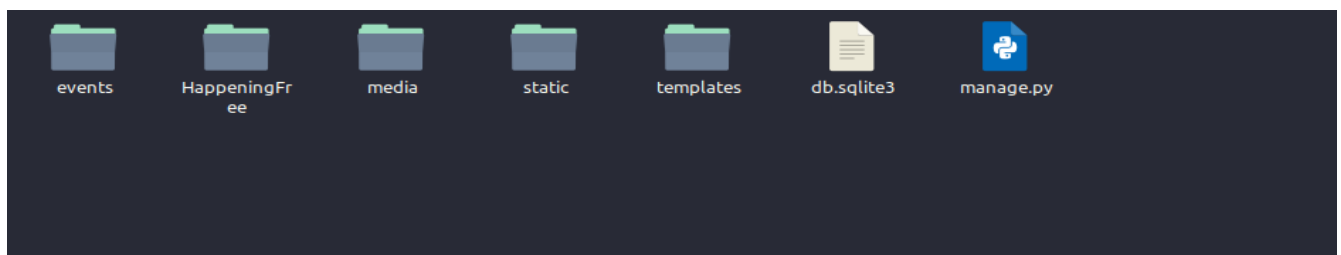
- In the 'My Events' section you can see the events you have organized and also delete the event once done.



The interface shows a 'Home' and 'Profile' navigation bar. The main content area displays a poster for the 'JAZZ MUSIC FESTIVAL' with the text 'JAZZ MUSIC TIME' and a 'Delete' button.

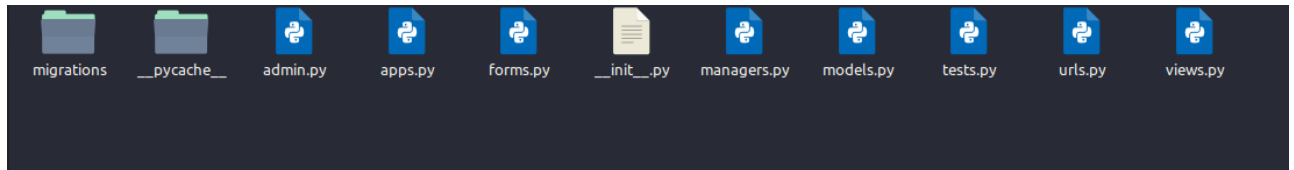
TECHNICALS

- The software used are:
 - Django Backend Framework : To handle backend operations
 - sqlite3 database : Simple db for storage and db operations
 - Jinja templating :Implementing and operating django in html
- Main Directory :



- The ‘HappeningFree’ folder is the main project folder. It is the django project which controls all other sub applications to make the web app functional.
- The manage.py file is used to control the server operations. Like running and stopping the server also it is used for making code changes to be embossed into the database.
- The db.sqlite3 file is the entire database of the web application. It holds all the data to be stored while making the application functional.
- The ‘events’ folder is actually an app of the main project. It has all the files necessary to run the web app accordingly
- The ‘media’ folder handles all the images to be stored.
- The ‘static’ folder organizes all the css and js files to be used in html and web app.
- The template folder organized all the html templates used in the web app.

Events App:



- The 'migrations' folder handles all the code-to-database migrations step by step the way they were implemented.
- The 'admin.py' file allows the user to access the admin section of the web app and also allows the user to manipulate the data stored.
- The 'app.py' file handles the properties of the app.
- The 'forms.py' file stores all the forms used in the website like signup form, login form and the event creation form.
- The 'managers.py' is the system file which decides the course of code database.
- The 'models.py' file is the main code database as you write your db structure here in plain python code which is later implemented in the sqlite3 db file.
- The 'test.py' is used to test the app on terminal to know whether everything is working properly or not.
- The 'urls.py' file handles all the urls the web app uses and also to which view the user should be navigated once the url is encountered.
- The 'views.py' is the main file which handles all the operations between the data manipulation and the front end part of the web app.