

PROJECT REPORT ON DJANGO USING PYTHON

NETAJI SUBHASH ENGINEERING COLLEGE

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Branch: CSE

Year: 2nd (4th semester)

BOOK REVIEW PROJECT

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Acknowledgement

I take this opportunity to express our profound gratitude and deep regards to my faculty for her exemplary guidance, monitoring and constant encouragement throughout the course of this project. The blessing, help and guidance given by her time to time shall carry me a long way in the journey of life on which we are about to embark.

I am obliged to our project team members for the valuable information provided by them in their respective fields. I am grateful for their cooperation during the period of my assignment.

Bengal Travel and Tourism

NSEC

Abstract

This project addresses the study of the emerging sector of website development, and its core features that are used by most of the websites running today.

The main goal is to develop an accessible and user friendly platform for visitors who wants to explore world of different diversity from a single platform with choices from similar other packages of the same category. In case the user wants to know about the details of places, he can do so from the website. The user can browse through different categories from homepage , by shortcut links provided on homepage , but if they want to comment on a review of a book, they have to signup/login through a very simple procedure . The user can give feedback about the website by filling up the feedback form.

Requirement Specification

❖ Text editor software and local server installation :

- ✓ Details about the software requirement
- ✓ Download and installation process
- ✓ Download and installation of Python, Django, VS Code
- ✓ Setting up database and creating database connections

❖ HTML Layouts :

- ✓ Div containers
- ✓ Form fields
- ✓ Tables
- ✓ Buttons
- ✓ Input
- ✓ Hyperlink

❖ CSS Designing :

- ✓ Navigation bar
- ✓ Footer
- ✓ Social media icons
- ✓ Background images
- ✓ Div containers
- ✓ Buttons, Fields

❖ JAVASCRIPT Used :

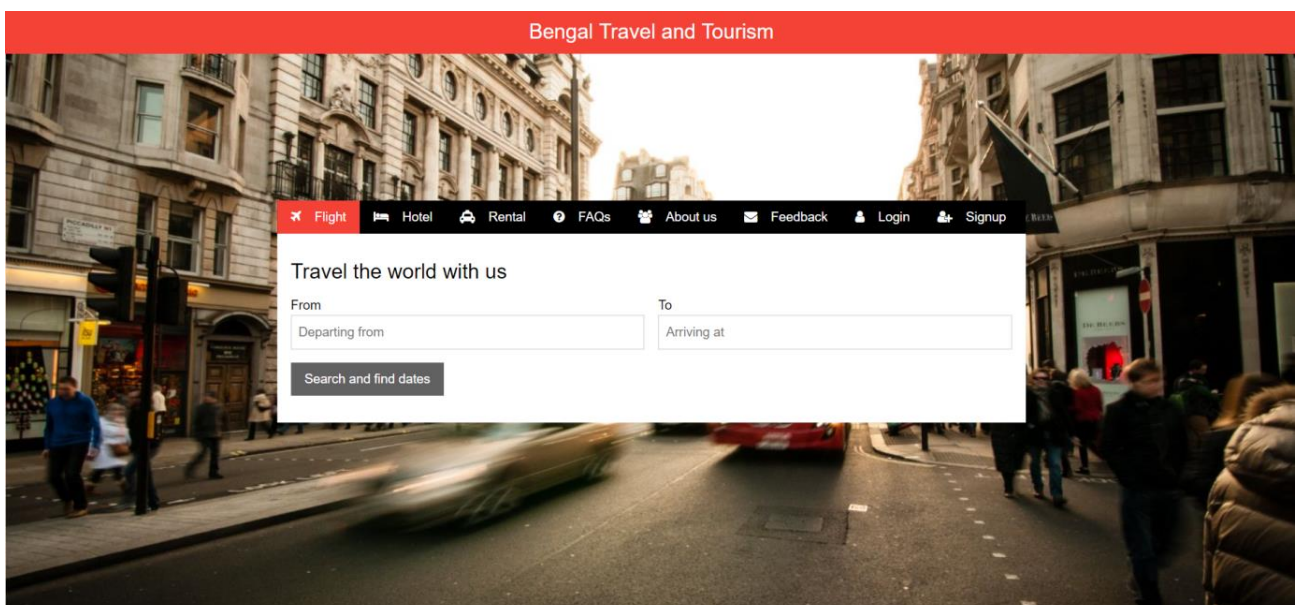
- ✓ Validations on signup and login pages
- ✓ Alert boxes

❖ DJANGO Used :

- ✓ Connecting database
- ✓ Passing and retrieving values from database
- ✓ Server and Client side validations
- ✓ Displaying profile details
- ✓ Various pre-defined Modules

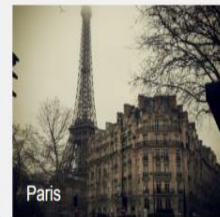
SCREENSHOTS:

📌 HOMEPAGE ('FLIGHT' FROM THE NAVIGATION BAR) :

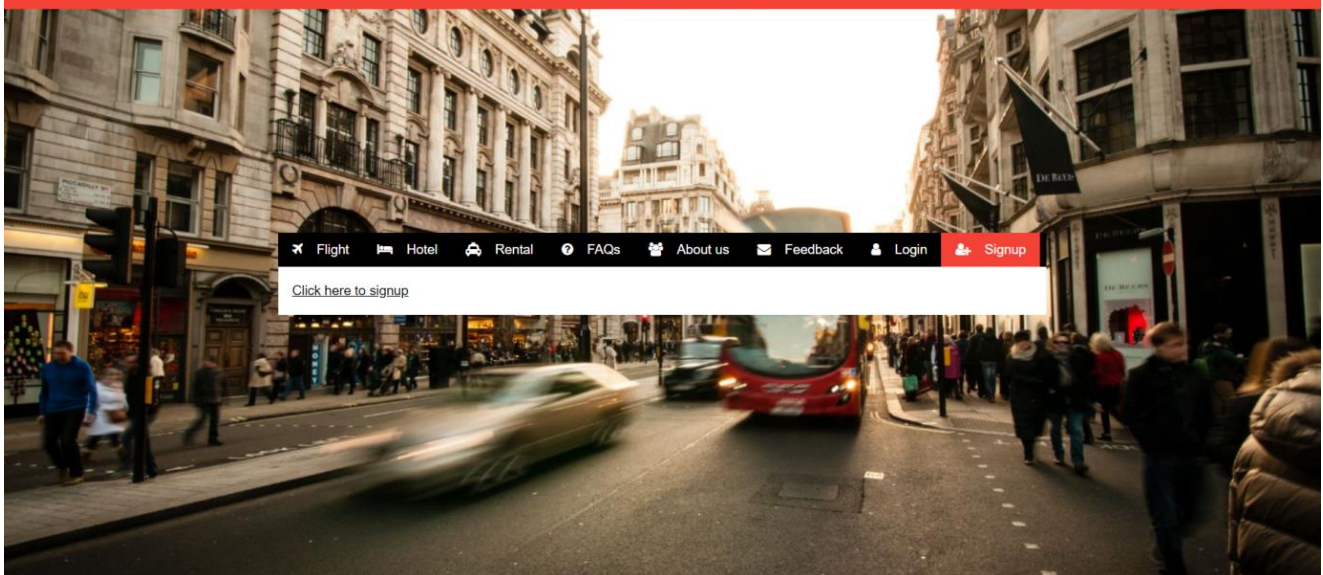


Good Offers Right Now

Up to 50% discount.



 **CLICKING ON THE 'SIGN UP' FROM NAVIGATION BAR :**



New User registration

Username: Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

First name:

Last name:

Email address:

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.
- Your password can't be entirely numeric.

Password confirmation: Enter the same password as before, for verification.

Bio:

Gender:

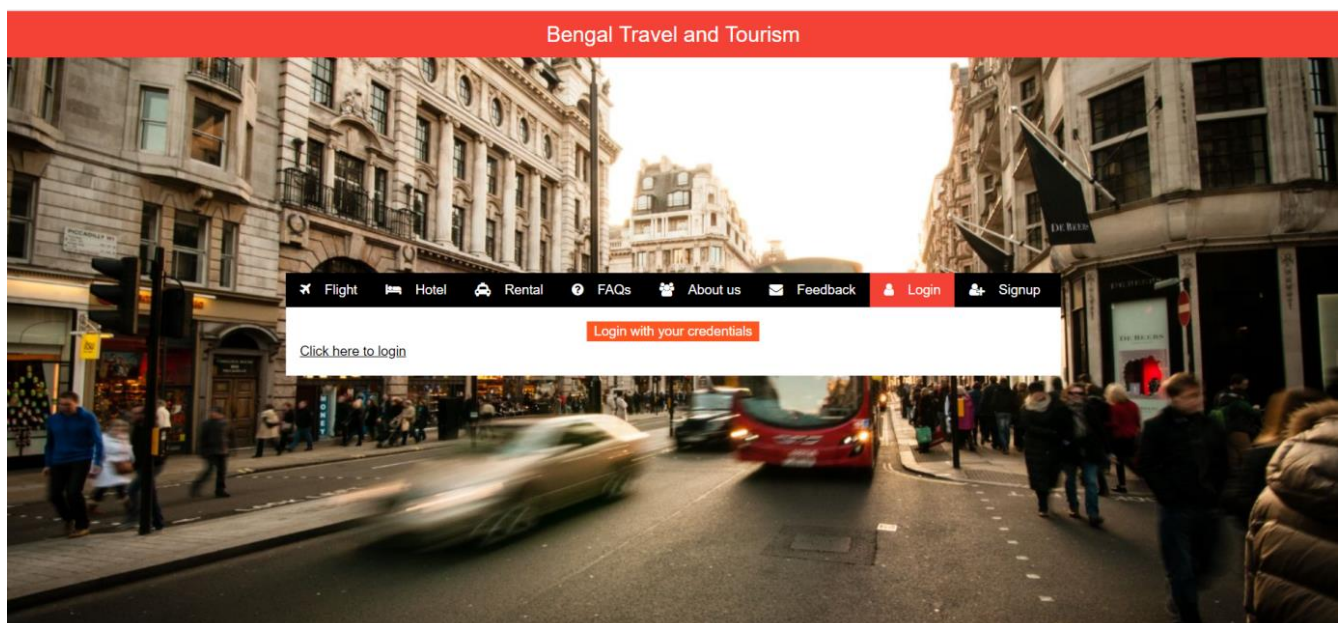
- ☐ Male
- ☐ Female

Date of Birth:

Location:

[Sign Up](#) [Reset](#)

✚ **CLICKING ON 'LOGIN' FROM THE NAVIGATION BAR (FOR NEW USERS AFTER DOING REGISTRATION , LOGIN WILL BE REDIRECTED) :**



..... Login with your credentials

Username:

Password:

☐ I accept the [Terms and Conditions](#)

[New User registration](#)

CLICKING ON THE 'FAQs' FROM THE NAVIGATION BAR :

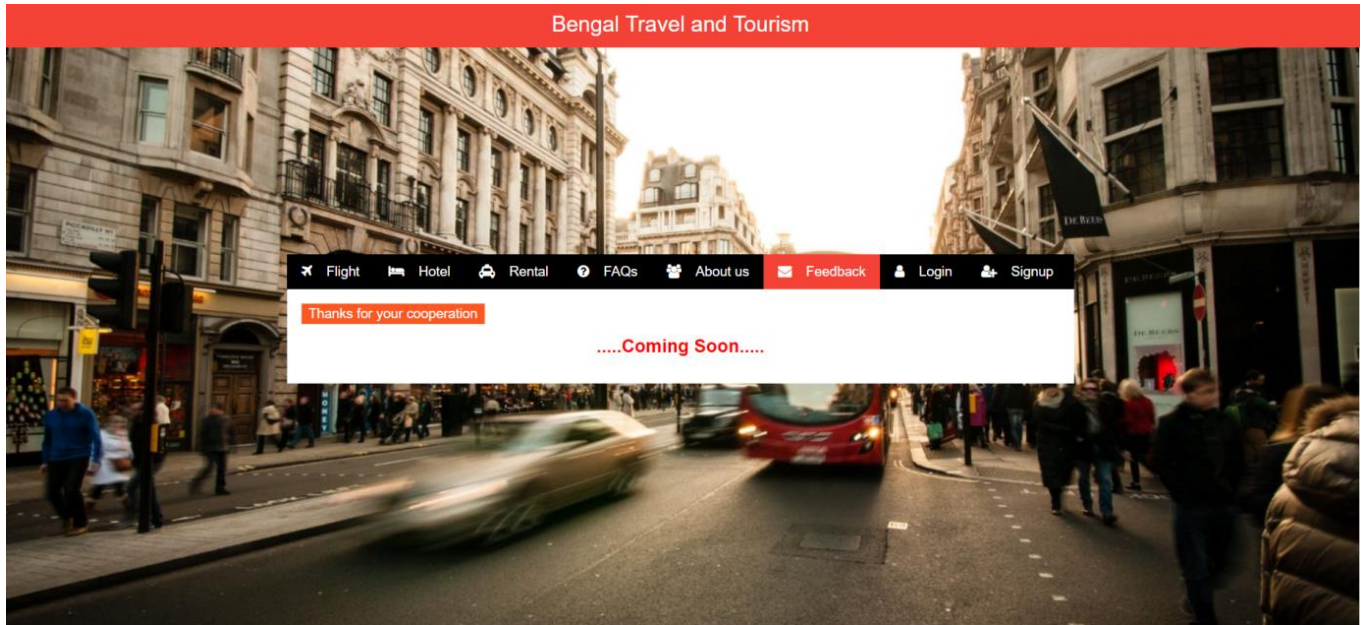
Bengal Travel and Tourism

 Flight  Hotel  Rental  **FAQs**  About us  Feedback  Login  Signup

You ask - We answer

- Q. How do I change my flights?
- Q. What is an "E" ticket?
- Q. Why are the fares different from other sites?
- Q. How do I cancel this reservation?
- Q. Please quote me a fare.
- Q. What is a 'return period', and how long is it for OneTravel.com partners?
- Q. When can I expect my refund?
- Q. I received an email advising of a refund I did not request.
- Q. I have multiple charges on my account
- Q. I have duplicate charges for the same trip on my account.
- Q. I've been charged more than what was quoted.
- Q. I do not recognize the charges on my bank statement.

CLICKING ON THE 'FEEDBACK' FROM THE NAVIGATION BAR :



AFTER SELECTING A HOTEL TAG FROM NAVIGATION BAR :

Find the best hotels

Book a hotel with us and get the best fares and promotions.

We know hotels - we know comfort.

Location :

Enter the city

Search Hotels

SELECTING A RENTAL TAG FROM NAVIGATION BAR :

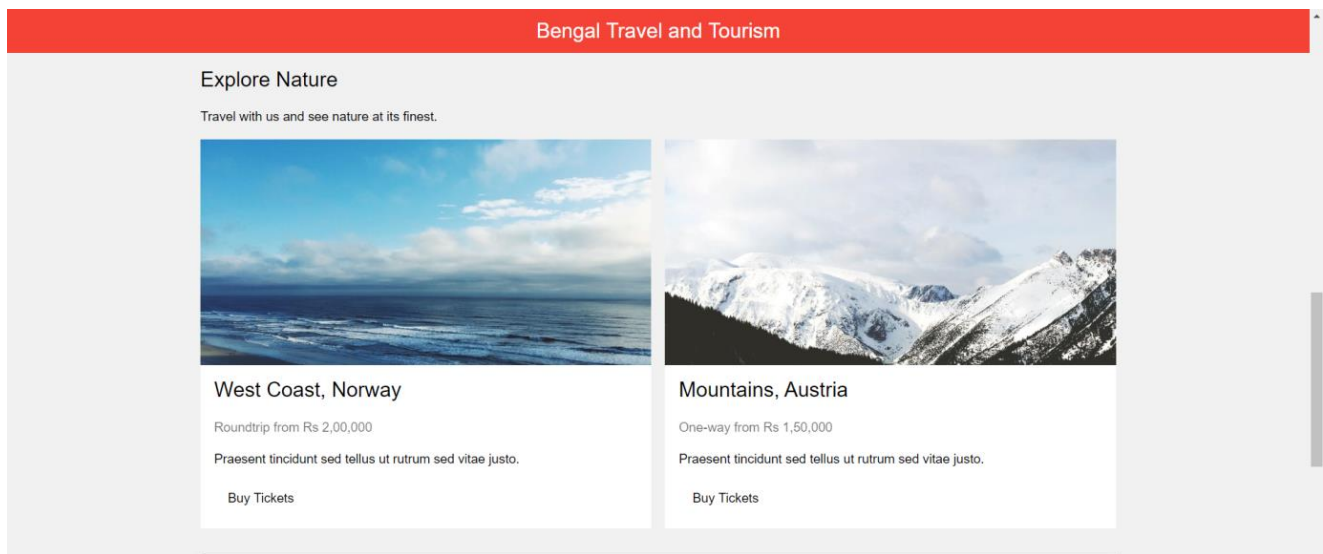
Best car rental in the world!

DISCOUNT! Special offer if you book today: 25% off anywhere in the world with CarServiceRentalRUS

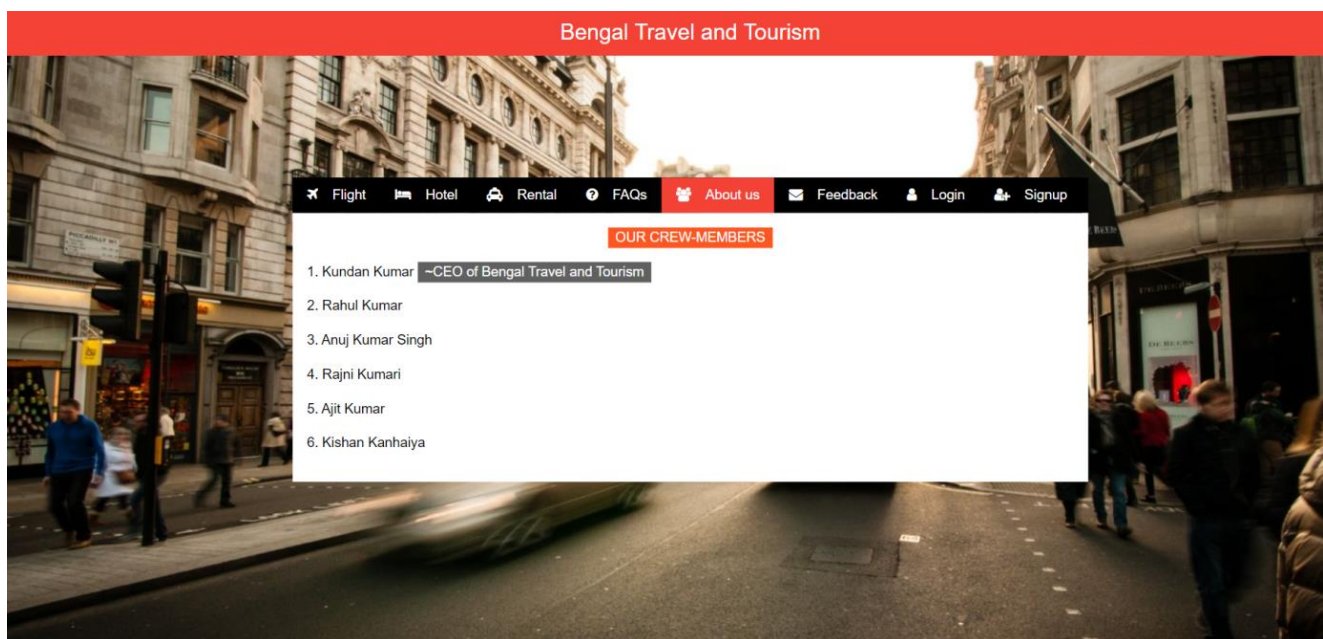
Pick-up point

Search Availability

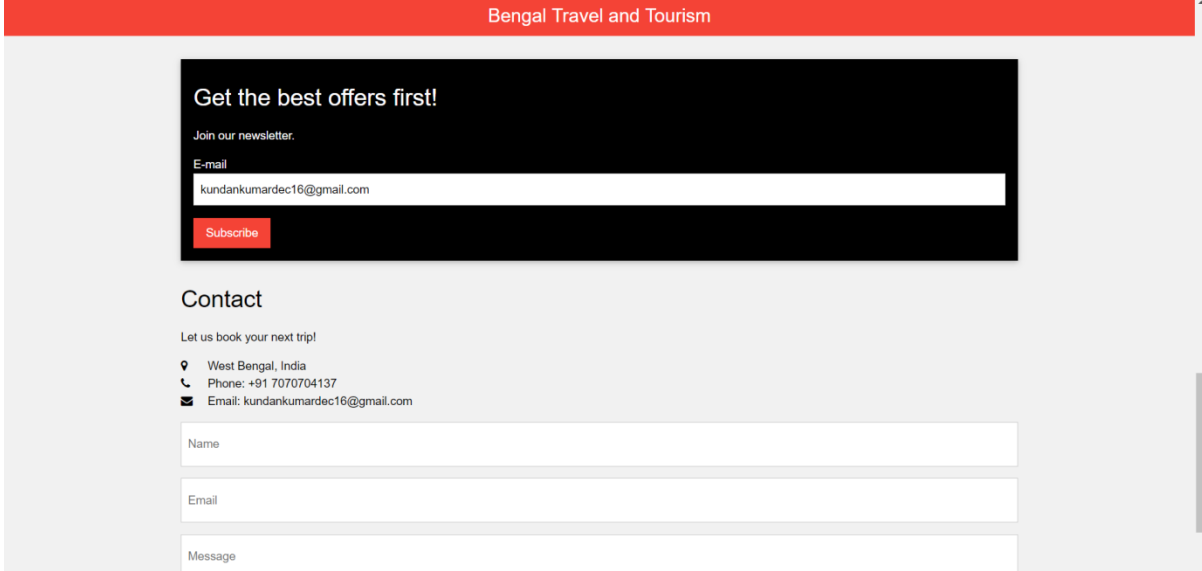
LIST OF VARIOUS PLACES TO VISIT ACROSS COUNTRY :



GOING TO THE 'ABOUT US' FROM NAVIGATION BAR :



 **GOING TO THE 'CONTACT US' BELOW THE
WEBPAGE :**



Bengal Travel and Tourism

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E-mail

kundankumardec16@gmail.com

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Contact

Let us book your next trip!

West Bengal, India

Phone: +91 7070704137

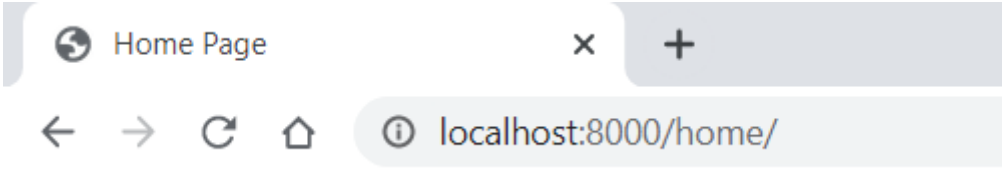
Email: kundankumardec16@gmail.com

Name

Email

Message

 **GOING TO THE 'LOGOUT' FROM A HYPERLINK
OPENED VIA LOGIN AND ENTERING THROUGH
DESIRED CREDENTIALS :**



Home Page

localhost:8000/home/

Hello kundankumardec16

[Logout](#)

SNAPSHOTS OF THE DIRECTORY

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.18363.628]
(c) 2019 Microsoft Corporation. All rights reserved.

D:\btnt>dir
Volume in drive D is DATA
Volume Serial Number is D0B4-10D0

Directory of D:\btnt

05-02-2020  18:19    <DIR>          .
05-02-2020  18:19    <DIR>          ..
04-02-2020  12:32    <DIR>          btnt
04-02-2020  23:29    <DIR>          btntapp
05-02-2020  18:19                139,264 db.sqlite3
04-02-2020  12:30                645 manage.py
                2 File(s)          139,909 bytes
                4 Dir(s)  975,817,981,952 bytes free

D:\btnt>
```

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.18363.628]
(c) 2019 Microsoft Corporation. All rights reserved.

D:\btnt>cd btnt

D:\btnt\btnt>dir
Volume in drive D is DATA
Volume Serial Number is D0B4-10D0

Directory of D:\btnt\btnt

04-02-2020  12:32    <DIR>          .
04-02-2020  12:32    <DIR>          ..
04-02-2020  12:30                401 asgi.py
05-02-2020  16:47                3,373 settings.py
05-02-2020  14:02                1,100 urls.py
04-02-2020  12:30                401 wsgi.py
04-02-2020  12:30                 0 __init__.py
05-02-2020  16:47    <DIR>          __pycache__
                5 File(s)          5,275 bytes
                3 Dir(s)  975,817,981,952 bytes free

D:\btnt\btnt>
```



```
C:\Windows\System32\cmd.exe

D:\bnt\btntapp>dir
Volume in drive D is DATA
Volume Serial Number is D0B4-10D0

Directory of D:\bnt\btntapp

04-02-2020  23:29    <DIR>          .
04-02-2020  23:29    <DIR>          ..
04-02-2020  23:40             134 admin.py
04-02-2020  12:32             94 apps.py
05-02-2020  00:00             589 form.py
04-02-2020  23:24    <DIR>        migrations
04-02-2020  23:23             361 models.py
04-02-2020  18:08    <DIR>          static
05-02-2020  00:05    <DIR>        templates
04-02-2020  12:32             63 tests.py
05-02-2020  14:03           1,878 views.py
04-02-2020  12:32              0 __init__.py
05-02-2020  14:03    <DIR>        __pycache__
                7 File(s)          3,119 bytes
                6 Dir(s)  975,817,981,952 bytes free

D:\bnt\btntapp>
```

```
C:\Windows\System32\cmd.exe - python manage.py runserver

Microsoft Windows [Version 10.0.18363.628]
(c) 2019 Microsoft Corporation. All rights reserved.

D:\bnt>python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
February 05, 2020 - 18:21:59
Django version 3.0.2, using settings 'bnt.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

CONCLUSION

This website can be improved in future by many aspects. Posting access can be given to the users. The wish list can be added for each user. Follow list can be given to each author. Reply and editing option can be added in the comment section. The website can be launched globally by taking a proper privacy policy and copyright and purchasing a domain/host name.