## BOOKSTORE

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## **Chapter 1**

# Namespace Index

## 1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

olog	??
olog.admin	??
olog.apps	??
olog.filters	??
olog.forms	??
olog.models	??
olog.tests	??
olog.urls	
olog.views	
custom_app	
custom_app.admin	
custom_app.apps	
custom_app.models	
custom_app.tests	
custom_app.urls	
custom_app.views	
manage	
nysite	
nysite.asgi	
nysite.routing	
nysite.settings	
nysite.urls	
nvsite.wsgi	??

2 Namespace Index

## Chapter 2

## **Hierarchical Index**

## 2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

FilterSet	
blog.filters.AdvertiseFilter	7
blog.filters.DocumentFilter	3
ListView	
custom_app.views.UserListView	5
blog.forms.RatingForm.Meta	7
blog.forms.CommunityForm.Meta	7
blog.filters.AdvertiseFilter.Meta	7
blog.forms.AdvertiseForm.Meta	8
blog.forms.InterestForm.Meta	8
blog.forms.SignUpForm.Meta	9
blog.forms.DocumentCForm.Meta	9
blog.filters.DocumentFilter.Meta	9
blog.forms.DocumentForm.Meta	C
blog.forms.ProfileForm.Meta	0
Model	
blog.models.Advertise	5
blog.models.Community	8
blog.models.Document	0
blog.models.Follow	4
blog.models.Interest	4
blog.models.Join	6
blog.models.Profile	1
blog.models.Rate	2
blog.models.Readpending	4
ModelForm	
blog.forms.AdvertiseForm	7
blog.forms.CommunityForm	
blog.forms.DocumentCForm	2
blog.forms.DocumentForm	3
blog.forms.InterestForm	5
blog.forms.ProfileForm	2
blog.forms.RatingForm	3
AppConfig	
blog.apps.BlogConfig	7

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custom_app.apps.CustomAppConfig	29
LoginRequiredMixin	
custom_app.views.UserListView	15
UserCreationForm	
blog.forms.SignUpForm	14

## **Chapter 3**

## **Class Index**

### 3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

blog.models.Advertise	
This class represents the Advertisements uploaded in the website	??
blog.filters.AdvertiseFilter	??
blog.forms.AdvertiseForm	
This class represents the Form used to upload advertise	??
blog.apps.BlogConfig	??
blog.models.Community	
This class represents the Communties in the website	??
blog.forms.CommunityForm	
This class represents the Form used to create community	??
custom_app.apps.CustomAppConfig	??
blog.models.Document	
This class represents the Documents uploaded in the website	??
blog.forms.DocumentCForm	
This class represents the Form used to upload document in community	??
blog.filters.DocumentFilter	??
blog.forms.DocumentForm	
This class represents the Form used to upload document	??
blog.models.Follow	
This class represents the list of users followed by a user	??
blog.models.Interest	
This class represents the Genre Interests of Users enrolled in the website	??
blog.forms.InterestForm	
This class represents the Form used to edit interests of user	??
blog.models.Join	
This class represents the communities in which user is joined	??
blog.forms.RatingForm.Meta	??
blog.forms.CommunityForm.Meta	??
blog.filters.AdvertiseFilter.Meta	??
blog.forms.AdvertiseForm.Meta	??
blog.forms.InterestForm.Meta	??
blog.forms.SignUpForm.Meta	??
blog.forms.DocumentCForm.Meta	??
blog.filters.DocumentFilter.Meta	??
blog.forms.DocumentForm.Meta	??

6 Class Index

blog.forms.ProfileForm.Meta	??
blog.models.Profile	
This class represents the Profile of Users enrolled in the website	??
blog.forms.ProfileForm	
This class represents the Form used to edit profile	??
blog.models.Rate	
This class represents the Rating of the uploaded document given by a user	??
blog.forms.RatingForm	
This class represents the Form used to rate a book	??
blog.models.Readpending	
This class represents the list users who want to read a document if book is private	??
blog.forms.SignUpForm	
This class represents the Form used to sign-up	??
custom_app.views.UserListView	
View for the chat page of the user	??

## **Chapter 4**

## File Index

### 4.1 File List

Here is a list of all files with brief descriptions:

bookstore/manage.py
bookstore/blog/initpy ?*
bookstore/blog/admin.py
bookstore/blog/apps.py
bookstore/blog/filters.py
bookstore/blog/forms.py
bookstore/blog/models.py
bookstore/blog/tests.py
bookstore/blog/urls.py
bookstore/blog/views.py
bookstore/custom_app/initpy ?
bookstore/custom_app/admin.py
bookstore/custom_app/apps.py
bookstore/custom_app/models.py
bookstore/custom_app/tests.py
bookstore/custom_app/urls.py
bookstore/custom_app/views.py
bookstore/mysite/initpy
bookstore/mysite/asgi.py
bookstore/mysite/routing.py
bookstore/mysite/settings.py
bookstore/mysite/urls.py
bookstore/mysite/wsgi.py

8 File Index

## **Chapter 5**

## **Namespace Documentation**

### 5.1 blog Namespace Reference

### **Namespaces**

- admin
- apps
- filters
- forms
- models
- tests
- urls
- views
- 5.2 blog.admin Namespace Reference
- 5.3 blog.apps Namespace Reference

### Classes

- class BlogConfig
- 5.4 blog.filters Namespace Reference

### Classes

- · class AdvertiseFilter
- · class DocumentFilter

### 5.5 blog.forms Namespace Reference

#### **Classes**

· class AdvertiseForm

This class represents the Form used to upload advertise.

· class CommunityForm

This class represents the Form used to create community.

· class DocumentCForm

This class represents the Form used to upload document in community.

· class DocumentForm

This class represents the Form used to upload document.

· class InterestForm

This class represents the Form used to edit interests of user.

class ProfileForm

This class represents the Form used to edit profile.

class RatingForm

This class represents the Form used to rate a book.

class SignUpForm

This class represents the Form used to sign-up.

### 5.6 blog.models Namespace Reference

### Classes

class Advertise

This class represents the Advertisements uploaded in the website.

class Community

This class represents the Communities in the website.

class Document

This class represents the Documents uploaded in the website.

· class Follow

This class represents the list of users followed by a user.

· class Interest

This class represents the Genre Interests of Users enrolled in the website.

· class Join

This class represents the communities in which user is joined.

· class Profile

This class represents the Profile of Users enrolled in the website.

· class Rate

This class represents the Rating of the uploaded document given by a user.

class Readpending

This class represents the list users who want to read a document if book is private.

### 5.7 blog.tests Namespace Reference

### 5.8 blog.urls Namespace Reference

### **Variables**

- form1 = SignUpForm()
- list urlpatterns
- MEDIA URL
- · document\_root

### 5.8.1 Variable Documentation

- 5.8.1.1 blog.urls.document\_root
- 5.8.1.2 blog.urls.form1 = SignUpForm()
- 5.8.1.3 blog.urls.MEDIA\_URL
- 5.8.1.4 list blog.urls.urlpatterns

### 5.9 blog.views Namespace Reference

### **Functions**

- def home (request)
  - view for the home page of the user.
- def signup (request)
  - view for the signup page for a new user.
- def editprofile (request)
  - view to edit profile of a user.
- def interests (request)
  - view to edit interets of a user.
- def upfile (request)
  - view to upload document.
- def advertise (request)
  - view to advertise a book
- def settings (request)
  - view for settings page
- def notes (request)
  - view for notifications page
- def search (request)
  - view for search page
- def searchad (request)
- def delete1 (request, pk)
  - view to delete a book
- def delete1ad (request, pk)

view to delete a advertise

def bookpage (request, pk)

view for book page

def adpage (request, pk)

view for ad page

• def jcommunities (request)

view for joined communities page of a user

• def ocommunities (request)

view for other communities page of a user

def reset (request)

view to edit profile of a user.

• def genre (request, pk)

view for genre page

• def author (request, pk)

view for author page

• def uploader (request, pk)

view for uploader page

def follow (request, pk)

view to make one user follow another user

• def unfollow (request, pk)

view to make one user follow another user

• def change (request, pk)

view to change privacy of a document

def community (request)

view to create a community

• def cpage (request, pk)

view for community page

def srequest (request, pk)

view to sendrequest to join a community by a user

• def crequest (request, pk)

view to cancelrequest to join a community by a user

• def accept (request, pk, name)

view to acceptrequest of a user by admin of a community

def leave (request, pk)

view for a user to leave a community

def prequest (request, pk)

view for a user to send a request to read a private book

def cprequest (request, pk)

view for a user to cancel a request sent by him to read a private book

def acceptread (request, pk, pk1)

view to acceptreadrequest of a user by uploader of book

• def upfileinc (request, pk)

view to upload document in a community

### 5.9.1 Function Documentation

5.9.1.1 def blog.views.accept ( request, pk, name )

view to acceptrequest of a user by admin of a community

This view is called by accept url.

It returns to cpage.html

```
5.9.1.2 def blog.views.acceptread ( request, pk, pk1 )
view to acceptreadrequest of a user by uploader of book
This view is called by acceptread url.
It returns to notes.html
5.9.1.3 def blog.views.adpage ( request, pk )
view for ad page
This view is called by adpage url.
It returns to adpage.html
5.9.1.4 def blog.views.advertise ( request )
view to advertise a book
This view is called by advertise url.
It returns to model_form_upload.html
5.9.1.5 def blog.views.author ( request, pk )
view for author page
This view is called by author url.
It returns to author.html
5.9.1.6 def blog.views.bookpage ( request, pk )
view for book page
This view is called by bookpage url.
It returns to bookpage.html
5.9.1.7 def blog.views.change ( request, pk )
view to change privacy of a document
This view is called by change url.
It returns to bookpage.html
5.9.1.8 def blog.views.community ( request )
view to create a community
This view is called by community url.
It returns to createcommunity.html
```

It returns to uploader.html

```
5.9.1.9 def blog.views.cpage ( request, pk )
view for community page
This view is called by cpage url.
It returns to cpage.html
5.9.1.10 def blog.views.cprequest ( request, pk )
view for a user to cancel a request sent by him to read a private book
This view is called by cprequest url.
It returns to bookpage.html
5.9.1.11 def blog.views.crequest ( request, pk )
view to cancelrequest to join a community by a user
This view is called by crequest url.
It returns to othercommunity.html
5.9.1.12 def blog.views.delete1 ( request, pk )
view to delete a book
This view is called by delete url.
It returns to home.html
5.9.1.13 def blog.views.delete1ad ( request, pk )
view to delete a advertise
This view is called by delete1ad url.
It returns to home.html
5.9.1.14 def blog.views.editprofile ( request )
view to edit profile of a user.
This view is called by editprofile url.
It returns to editprofile.html
5.9.1.15 def blog.views.follow ( request, pk )
view to make one user follow another user
This view is called by follow url.
```

```
5.9.1.16 def blog.views.genre ( request, pk )
view for genre page
This view is called by genre url.
It returns to genre.html
5.9.1.17 def blog.views.home ( request )
view for the home page of the user.
This view is called by home url.
It returns to home.html
5.9.1.18 def blog.views.interests ( request )
view to edit interets of a user.
This view is called by interests url.
It returns to interests.html
5.9.1.19 def blog.views.jcommunities ( request )
view for joined communities page of a user
This view is called by jcommunities url.
It returns to joinedcommunity.html
5.9.1.20 def blog.views.leave ( request, pk )
view for a user to leave a community
This view is called by leave url.
It returns to home.html
5.9.1.21 def blog.views.notes ( request )
view for notifications page
This view is called by notes url.
It returns to notes.html
5.9.1.22 def blog.views.ocommunities ( request )
view for other communities page of a user
This view is called by ocommunities url.
It returns to othercommunity.html
```

```
5.9.1.23 def blog.views.prequest ( request, pk )
view for a user to send a request to read a private book
This view is called by prequest url.
It returns to bookpage.html
5.9.1.24 def blog.views.reset ( request )
view to edit profile of a user.
This view is called by reset url.
It returns to change_password.html
5.9.1.25 def blog.views.search ( request )
view for search page
This view is called by search url.
It returns to search.html
5.9.1.26 def blog.views.searchad ( request )
5.9.1.27 def blog.views.settings ( request )
view for settings page
This view is called by settings url.
It returns to settings.html
5.9.1.28 def blog.views.signup ( request )
view for the signup page for a new user.
This view is called by signup url.
It returns to signup.html
5.9.1.29 def blog.views.srequest ( request, pk )
view to sendrequest to join a community by a user
This view is called by srequest url.
It returns to othercommunity.html
```

5.9.1.30 def blog.views.unfollow ( request, pk )
view to make one user follow another user
This view is called by unfollow url. It returns to uploader.html
5.9.1.31 def blog.views.upfile ( request )
view to upload document.
This view is called by upfile url. It returns to model\_form\_upload.html
5.9.1.32 def blog.views.upfileinc ( request, pk )
view to upload document in a community
This view is called by upfilec url. It returns to model\_form\_upload.html
5.9.1.33 def blog.views.uploader ( request, pk )

### 5.10 custom\_app Namespace Reference

### **Namespaces**

• admin

view for uploader page

It returns to uploader.html

This view is called by uploader url.

- apps
- models
- · tests
- urls
- views

### 5.11 custom\_app.admin Namespace Reference

### 5.12 custom\_app.apps Namespace Reference

### **Classes**

class CustomAppConfig

- 5.13 custom\_app.models Namespace Reference
- 5.14 custom\_app.tests Namespace Reference
- 5.15 custom\_app.urls Namespace Reference

### Variables

- · list urlpatterns
- 5.15.1 Variable Documentation
- 5.15.1.1 list custom\_app.urls.urlpatterns

### Initial value:

### 5.16 custom\_app.views Namespace Reference

### Classes

class UserListView

view for the chat page of the user.

- 5.17 manage Namespace Reference
- 5.18 mysite Namespace Reference

### **Namespaces**

- asgi
- routing
- settings
- urls
- wsgi

### 5.19 mysite.asgi Namespace Reference

### **Variables**

• channel\_layer = get\_channel\_layer()

### 5.19.1 Detailed Description

```
ASGI entrypoint file for default channel layer.

Points to the channel layer configured as "default" so you can point

ASGI applications at "multichat.asgi:channel_layer" as their channel layer.
```

### 5.19.2 Variable Documentation

5.19.2.1 mysite.asgi.channel\_layer = get\_channel\_layer()

### 5.20 mysite.routing Namespace Reference

### **Variables**

· list channel\_routing

### 5.20.1 Variable Documentation

### 5.20.1.1 list mysite.routing.channel\_routing

### Initial value:

```
1 = [
2     # Include sub-routing from an app.
3     include("chat.routing.websocket_routing", path=r"^/chat/stream"),
4
5     # Custom handler for message sending (see Room.send_message).
6     # Can't go in the include above as it's not got a 'path' attribute to match on.
7     include("chat.routing.custom_routing"),
8
9     # A default "http.request" route is always inserted by Django at the end of the routing list
10     # that routes all unmatched HTTP requests to the Django view system. If you want lower-level
11     # HTTP handling - e.g. long-polling - you can do it here and route by path, and let the rest
12     # fall through to normal views.
13 ]
```

### 5.21 mysite.settings Namespace Reference

#### **Variables**

- BASE DIR = os.path.dirname(os.path.dirname(os.path.abspath( file )))
- string SECRET\_KEY =  $'\#(wy)8s+g)n@^{^*}*dri+uub86\%9\&5\$y\#(nql*!y(uer^glj6xrw'))$
- bool DEBUG = True
- list ALLOWED\_HOSTS = []
- string CHAT\_WS\_SERVER\_HOST = 'localhost'
- int CHAT WS SERVER PORT = 5002
- string CHAT WS SERVER PROTOCOL = 'ws'
- list INSTALLED\_APPS
- tuple I
- list MIDDLEWARE
- MIDDLEWARE\_CLASSES = I
- string ROOT URLCONF = 'mysite.urls'
- redis host = os.environ.get('REDIS HOST', 'localhost')
- list TEMPLATES
- string EMAIL\_BACKEND = 'django.core.mail.backends.console.EmailBackend'
- string WSGI\_APPLICATION = 'mysite.wsgi.application'
- dictionary DATABASES
- list AUTH PASSWORD VALIDATORS
- string LANGUAGE\_CODE = 'en-us'
- string TIME\_ZONE = 'Asia/Kolkata'
- bool USE\_I18N = True
- bool USE\_L10N = True
- bool USE\_TZ = True
- string STATIC\_URL = '/static/'
- STATIC\_ROOT = os.path.join(BASE\_DIR, 'static')
- string LOGIN\_URL = 'login'
- string LOGOUT\_URL = 'logout'
- string LOGIN\_REDIRECT\_URL = 'home'
- string MEDIA\_URL = '/media/'
- MEDIA\_ROOT = os.path.join(BASE\_DIR, 'media')
- list INTERNAL IPS = ['127.0.0.1', 'localhost']
- int SESSION\_COOKIE\_AGE = 12096000

### 5.21.1 Detailed Description

```
Django settings for mysite project.

Generated by 'django-admin startproject' using Django 1.11.5.

For more information on this file, see
https://docs.djangoproject.com/en/1.11/topics/settings/

For the full list of settings and their values, see
https://docs.djangoproject.com/en/1.11/ref/settings/
```

### 5.21.2 Variable Documentation

- 5.21.2.1 list mysite.settings.ALLOWED\_HOSTS = []
- 5.21.2.2 list mysite.settings.AUTH\_PASSWORD\_VALIDATORS

#### Initial value:

- 5.21.2.3 mysite.settings.BASE\_DIR = os.path.dirname(os.path.dirname(os.path.abspath(\_\_file\_\_)))
- 5.21.2.4 string mysite.settings.CHAT\_WS\_SERVER\_HOST = 'localhost'
- 5.21.2.5 int mysite.settings.CHAT\_WS\_SERVER\_PORT = 5002
- 5.21.2.6 string mysite.settings.CHAT\_WS\_SERVER\_PROTOCOL = 'ws'
- 5.21.2.7 dictionary mysite.settings.DATABASES

### Initial value:

```
1 = {
2    'default': {
3         'ENGINE': 'django.db.backends.sqlite3',
4          'NAME': os.path.join(BASE_DIR, 'db.sqlite3'),
5     }
6 }
```

- 5.21.2.8 bool mysite.settings.DEBUG = True
- 5.21.2.9 string mysite.settings.EMAIL\_BACKEND = 'django.core.mail.backends.console.EmailBackend'
- 5.21.2.10 list mysite.settings.INSTALLED\_APPS

### Initial value:

```
'django.contrib.admin',
      'django.contrib.contenttypes',
3
      'django.contrib.sessions',
      'django.contrib.messages'
      'django.contrib.staticfiles',
     'blog',
8
      #'django_filters'
      #'chat',
     #'channels',
10
      'django.contrib.auth',
11
12
      #'debug_toolbar',
13
       'django_private_chat',
       'custom_app',
14
15 1
```

```
5.21.2.11 list mysite.settings.INTERNAL_IPS = ['127.0.0.1', 'localhost']
```

### 5.21.2.12 tuple mysite.settings.l

#### Initial value:

```
1 =
       #'debug_toolbar.middleware.DebugToolbarMiddleware',
2
3
       'django.middleware.security.SecurityMiddleware',
'django.contrib.sessions.middleware.SessionMiddleware',
       'django.middleware.common.CommonMiddleware',
       'django.middleware.csrf.CsrfViewMiddleware',
       'django.contrib.auth.middleware.AuthenticationMiddleware',
       \verb|'django.contrib.auth.middleware.SessionAuthenticationMiddleware'|,\\
8
       'django.contrib.messages.middleware.MessageMiddleware',
'django.middleware.clickjacking.XFrameOptionsMiddleware',
10
5.21.2.13 string mysite.settings.LANGUAGE_CODE = 'en-us'
5.21.2.14 string mysite.settings.LOGIN_REDIRECT_URL = 'home'
5.21.2.15 string mysite.settings.LOGIN_URL = 'login'
5.21.2.16 string mysite.settings.LOGOUT_URL = 'logout'
5.21.2.17 mysite.settings.MEDIA_ROOT = os.path.join(BASE_DIR, 'media')
```

### Initial value:

```
1 = [
2     'django.middleware.security.SecurityMiddleware',
3     'django.contrib.sessions.middleware.SessionMiddleware',
4     'django.middleware.common.CommonMiddleware',
5     'django.middleware.csrf.CsrfViewMiddleware',
6     'django.contrib.auth.middleware.AuthenticationMiddleware',
7     'django.contrib.messages.middleware.MessageMiddleware',
8     'django.middleware.clickjacking.XFrameOptionsMiddleware',
9     1
```

5.21.2.18 string mysite.settings.MEDIA\_URL = '/media/'

5.21.2.19 mysite.settings.MIDDLEWARE

```
5.21.2.20 mysite.settings.MIDDLEWARE_CLASSES = I

5.21.2.21 mysite.settings.redis_host = os.environ.get('REDIS_HOST', 'localhost')

5.21.2.22 string mysite.settings.ROOT_URLCONF = 'mysite.urls'

5.21.2.23 string mysite.settings.SECRET_KEY = '#(wy)8s+g)n@^^**dri+uub86%9&5$y#(nql*!y(uer^glj6xrw')

5.21.2.24 int mysite.settings.SESSION_COOKIE_AGE = 12096000

5.21.2.25 mysite.settings.STATIC_ROOT = os.path.join(BASE_DIR, 'static')

5.21.2.26 string mysite.settings.STATIC_URL = '/static/'
```

Initial value:

5.21.2.27 list mysite.settings.TEMPLATES

```
1 = [
          'BACKEND': 'django.template.backends.django.DjangoTemplates',
          'DIRS': [os.path.join(BASE_DIR,'templates'),],
          'APP_DIRS': True,
'OPTIONS': {
              'context_processors': [
                  #'django.template.context_processors.debug'
                   'django.template.context_processors.request'
                   'django.contrib.auth.context_processors.auth',
                    'django.contrib.messages.context_processors.messages',
11
12
                 \tt 'django.template.context\_processors.media',\\
13
              ],
          },
16]
```

- 5.21.2.28 string mysite.settings.TIME\_ZONE = 'Asia/Kolkata'
- 5.21.2.29 bool mysite.settings.USE\_I18N = True
- 5.21.2.30 bool mysite.settings.USE\_L10N = True
- 5.21.2.31 bool mysite.settings.USE\_TZ = True
- 5.21.2.32 string mysite.settings.WSGI\_APPLICATION = 'mysite.wsgi.application'

### 5.22 mysite.urls Namespace Reference

### **Variables**

· list urlpatterns

### 5.22.1 Variable Documentation

### 5.22.1.1 list mysite.urls.urlpatterns

### Initial value:

```
1 = [
2     url(r'^admin/', admin.site.urls),
3     url(r'',include('blog.urls')),
4     url(r'^chat/',include('django_private_chat.urls')),
5     url(r'^chat/', include('custom_app.urls'))
6
7 ]
```

### 5.23 mysite.wsgi Namespace Reference

### **Variables**

• application = get\_wsgi\_application()

### 5.23.1 Detailed Description

```
WSGI config for example project.

It exposes the WSGI callable as a module-level variable named ''application''.

For more information on this file, see

https://docs.djangoproject.com/en/1.9/howto/deployment/wsgi/
```

### 5.23.2 Variable Documentation

5.23.2.1 mysite.wsgi.application = get\_wsgi\_application()

# **Chapter 6**

# **Class Documentation**

# 6.1 blog.models.Advertise Class Reference

This class represents the Advertisements uploaded in the website.

Inheritance diagram for blog.models.Advertise:

Collaboration diagram for blog.models.Advertise:

## **Static Public Attributes**

tuple genre\_choices = (('Fiction', 'Fiction'), ('LoveandRomance', 'LoveandRomance'), ("Mystery", "Mystery"), ("Thriller", "Thriller"), ("Section", "ScienceandFiction"), ("Fantasy", "Fantasy"), ("Horror", "Horror"), ("ActionandAdventure", "Actionand ← Adventure"), ("Comedy", "Comedy"), ("Poetry", "Poetry"), ("Study", "Study"),)

A variable which represents genre choices available.

- user = models.ForeignKey('auth.User',default=1)
- uploader = models.CharField(max\_length=200,default=")

A variable which represents uploader of the document.

• title = models.CharField(max\_length=200,default=")

A variable which represents title of the document.

author = models.CharField(max\_length=200,default=")

A variable which represents author of the document.

genre

A variable which represents genre of the document.

• description = models.CharField(max\_length=255, blank=True)

A variable which represents description of the document.

• image = models.ImageField(upload\_to='images/',default = 'pic\_folder/None/no-img.jpg')

A image field which contains the cover pic of uploaded document.

• published\_date = models.DateTimeField(auto\_now\_add=True)

A variable represents the published date of the book.

## 6.1.1 Detailed Description

This class represents the Advertisements uploaded in the website.

```
6.1.2 Member Data Documentation
```

```
6.1.2.1 blog.models.Advertise.author = models.CharField(max_length=200,default=") [static]
```

A variable which represents author of the document.

```
6.1.2.2 blog.models.Advertise.description = models.CharField(max_length=255, blank=True) [static]
```

A variable which represents description of the document.

```
6.1.2.3 blog.models.Advertise.genre [static]
```

#### Initial value:

A variable which represents genre of the document.

```
6.1.2.4 tuple blog.models.Advertise.genre_choices = (('Fiction','Fiction'),('LoveandRomance','Loveand← Romance'),("Mystery","Mystery"),("Thriller","Thriller"),("ScienceandFiction","Scienceand← Fiction"),("Fantasy","Fantasy"),("Horror","Horror"),("ActionandAdventure","Actionand← Adventure"),("Comedy","Comedy"),("Poetry","Poetry"),("Study","Study"),) [static]
```

A variable which represents genre choices available.

```
6.1.2.5 blog.models.Advertise.image = models.ImageField(upload_to='images/',default = 'pic_folder/None/no-img.jpg')
[static]
```

A image field which contains the cover pic of uploaded document.

```
6.1.2.6 blog.models.Advertise.published_date = models.DateTimeField(auto_now_add=True) [static]
```

A variable represents the published date of the book.

```
6.1.2.7 blog.models.Advertise.title = models.CharField(max_length=200,default=") [static]
```

A variable which represents title of the document.

```
6.1.2.8 blog.models.Advertise.uploader = models.CharField(max_length=200,default=") [static]
```

A variable which represents uploader of the document.

6.1.2.9 blog.models.Advertise.user = models.ForeignKey('auth.User',default=1) [static]

The documentation for this class was generated from the following file:

bookstore/blog/models.py

# 6.2 blog.filters.AdvertiseFilter Class Reference

Inheritance diagram for blog.filters.AdvertiseFilter:

Collaboration diagram for blog.filters.AdvertiseFilter:

#### **Classes**

· class Meta

The documentation for this class was generated from the following file:

· bookstore/blog/filters.py

# 6.3 blog.forms.AdvertiseForm Class Reference

This class represents the Form used to upload advertise.

Inheritance diagram for blog.forms.AdvertiseForm:

 $Collaboration\ diagram\ for\ blog. forms. Advertise Form:$ 

# **Classes**

· class Meta

## 6.3.1 Detailed Description

This class represents the Form used to upload advertise.

The documentation for this class was generated from the following file:

· bookstore/blog/forms.py

# 6.4 blog.apps.BlogConfig Class Reference

Inheritance diagram for blog.apps.BlogConfig:

# 6.5 blog.models.Community Class Reference

This class represents the Communities in the website.

Inheritance diagram for blog.models.Community:

Collaboration diagram for blog.models.Community:

#### **Static Public Attributes**

admin = models.ForeignKey('auth.User',default=1)

Represents The user who is admin of this community.

members = models.ManyToManyField('auth.User',related\_name='members')

Contains the list of users who are members of this community.

name = models.CharField(max\_length=200,default=")

A variable which represents the name of Community.

• description = models.CharField(max\_length=255, blank=True)

A variable which represents description/purpose of community.

documents = models.ManyToManyField('Document',related\_name='docs')

A variable which contains the list of documents uploaded/belong to this community.

• jrequests = models.ManyToManyField('auth.User',related\_name='jrequests')

A variable which contains the list of users who sent join request ti this community.

## 6.5.1 Detailed Description

This class represents the Communties in the website.

#### 6.5.2 Member Data Documentation

**6.5.2.1** blog.models.Community.admin = models.ForeignKey('auth.User',default=1) [static]

Represents The user who is admin of this community.

6.5.2.2 blog.models.Community.description = models.CharField(max\_length=255, blank=True) [static]

A variable which represents description/purpose of community.

**6.5.2.3** blog.models.Community.documents = models.ManyToManyField('Document',related\_name='docs') [static]

A variable which contains the list of documents uploaded/belong to this community.

6.5.2.4 blog.models.Community.jrequests = models.ManyToManyField('auth.User',related\_name='jrequests') [static]

A variable which contains the list of users who sent join request ti this community.

**6.5.2.5** blog.models.Community.members = models.ManyToManyField('auth.User',related\_name='members') [static]

Contains the list of users who are members of this community.

6.5.2.6 blog.models.Community.name = models.CharField(max\_length=200,default=") [static]

A variable which represents the name of Community.

The documentation for this class was generated from the following file:

• bookstore/blog/models.py

# 6.6 blog.forms.CommunityForm Class Reference

This class represents the Form used to create community.

Inheritance diagram for blog.forms.CommunityForm:

Collaboration diagram for blog.forms.CommunityForm:

## Classes

· class Meta

## 6.6.1 Detailed Description

This class represents the Form used to create community.

The documentation for this class was generated from the following file:

· bookstore/blog/forms.py

# 6.7 custom\_app.apps.CustomAppConfig Class Reference

Inheritance diagram for custom\_app.apps.CustomAppConfig:

Collaboration diagram for custom\_app.apps.CustomAppConfig:

#### Static Public Attributes

string name = 'custom\_app'

#### 6.7.1 Member Data Documentation

6.7.1.1 string custom\_app.apps.CustomAppConfig.name = 'custom\_app' [static]

The documentation for this class was generated from the following file:

· bookstore/custom\_app/apps.py

# 6.8 blog.models.Document Class Reference

This class represents the Documents uploaded in the website.

Inheritance diagram for blog.models.Document:

Collaboration diagram for blog.models.Document:

#### **Static Public Attributes**

tuple genre\_choices = (('Fiction', 'Fiction'), ('LoveandRomance', 'LoveandRomance'), ("Mystery", "Mystery"), ("Thriller", "Thriller"), ("Section", "ScienceandFiction"), ("Fantasy", "Fantasy"), ("Horror", "Horror"), ("ActionandAdventure", "Actionand → Adventure"), ("Comedy", "Comedy"), ("Poetry", "Poetry"), ("Study", "Study"),)

A variable which represents genre choices available.

rating = models.FloatField(null=True, blank=True, default=0.0)

A variable which represents rating of a document.

no ratings = models.IntegerField(default=0)

A variable which represents no of ratings given to a documnet/book.

- user = models.ForeignKey('auth.User',default=1)
- uploader = models.CharField(max length=200,default=")

A variable which represents uploader of the document.

• title = models.CharField(max\_length=200,default=")

A variable which represents title of the document.

author = models.CharField(max length=200,default=")

A variable which represents author of the document.

genre

A variable which represents genre of the document.

description = models.CharField(max\_length=255, blank=True)

A variable which represents description of the document.

document = models.FileField(upload\_to='documents/')

A file field which contains the uploaded document.

• image = models.ImageField(upload\_to='images/',default = 'pic\_folder/None/no-img.jpg')

A image field which contains the cover pic of uploaded document.

public = models.BooleanField(default=True)

A variable which describes whether the documents is readable by all users or not.

• rmembers = models.ManyToManyField('auth.User',related name='rmembers')

A variable which represent list of users who can read the book if it is not public.

published\_date = models.DateTimeField(auto\_now\_add=True)

A variable represents the published date of the book.

searchshow = models.BooleanField(default=True)

A boolean variable which tells whether the document should be during search or not.

## 6.8.1 Detailed Description

This class represents the Documents uploaded in the website.

#### 6.8.2 Member Data Documentation

```
6.8.2.1 blog.models.Document.author = models.CharField(max_length=200,default=") [static]
```

A variable which represents author of the document.

```
6.8.2.2 blog.models.Document.description = models.CharField(max_length=255, blank=True) [static]
```

A variable which represents description of the document.

```
6.8.2.3 blog.models.Document.document = models.FileField(upload_to='documents/') [static]
```

A file field which contains the uploaded document.

```
6.8.2.4 blog.models.Document.genre [static]
```

#### Initial value:

A variable which represents genre of the document.

```
6.8.2.5 tuple blog.models.Document.genre_choices = (('Fiction','Fiction'),('LoveandRomance','Loveand← Romance'),("Mystery","Mystery"),("Thriller","Thriller"),("ScienceandFiction","Scienceand← Fiction"),("Fantasy","Fantasy"),("Horror","Horror"),("ActionandAdventure","Actionand← Adventure"),("Comedy","Comedy"),("Poetry","Poetry"),("Study","Study"),) [static]
```

A variable which represents genre choices available.

```
6.8.2.6 blog.models.Document.image = models.lmageField(upload_to='images/',default = 'pic_folder/None/no-img.jpg')
[static]
```

A image field which contains the cover pic of uploaded document.

```
6.8.2.7 blog.models.Document.no_ratings = models.IntegerField(default=0) [static]
```

A variable which represents no of ratings given to a documnet/book.

```
\textbf{6.8.2.8} \quad \textbf{blog.models.Document.public = models.BooleanField(default=True)} \quad \texttt{[static]}
```

A variable which describes whether the documents is readable by all users or not.

```
6.8.2.9 blog.models.Document.published_date = models.DateTimeField(auto_now_add=True) [static]
```

A variable represents the published date of the book.

```
6.8.2.10 blog.models.Document.rating = models.FloatField(null=True, blank=True, default=0.0) [static]
```

A variable which represents rating of a document.

```
6.8.2.11 blog.models.Document.rmembers = models.ManyToManyField('auth.User',related_name='rmembers') [static]
```

A variable which represent list of users who can read the book if it is not public.

```
6.8.2.12 blog.models.Document.searchshow = models.BooleanField(default=True) [static]
```

A boolean variable which tells whether the document should be during search or not.

```
6.8.2.13 blog.models.Document.title = models.CharField(max_length=200,default=") [static]
```

A variable which represents title of the document.

```
6.8.2.14 blog.models.Document.uploader = models.CharField(max_length=200,default=") [static]
```

A variable which represents uploader of the document.

```
6.8.2.15 blog.models.Document.user = models.ForeignKey('auth.User',default=1) [static]
```

The documentation for this class was generated from the following file:

bookstore/blog/models.py

## 6.9 blog.forms.DocumentCForm Class Reference

This class represents the Form used to upload document in community.

Inheritance diagram for blog.forms.DocumentCForm:

Collaboration diagram for blog.forms.DocumentCForm:

#### Classes

· class Meta

## 6.9.1 Detailed Description

This class represents the Form used to upload document in community.

The documentation for this class was generated from the following file:

· bookstore/blog/forms.py

# 6.10 blog.filters.DocumentFilter Class Reference

Inheritance diagram for blog.filters.DocumentFilter:

Collaboration diagram for blog.filters.DocumentFilter:

#### Classes

class Meta

The documentation for this class was generated from the following file:

· bookstore/blog/filters.py

# 6.11 blog.forms.DocumentForm Class Reference

This class represents the Form used to upload document.

Inheritance diagram for blog.forms.DocumentForm:

Collaboration diagram for blog.forms.DocumentForm:

#### **Classes**

• class Meta

## 6.11.1 Detailed Description

This class represents the Form used to upload document.

The documentation for this class was generated from the following file:

bookstore/blog/forms.py

# 6.12 blog.models.Follow Class Reference

This class represents the list of users followed by a user.

Inheritance diagram for blog.models.Follow:

Collaboration diagram for blog.models.Follow:

## **Static Public Attributes**

• user = models.OneToOneField('auth.User',default=1)

The user associated with the Rate.

• flist = models.ManyToManyField('auth.User',related\_name='owner1')

A variable which contains the list of users followed by the user.

## 6.12.1 Detailed Description

This class represents the list of users followed by a user.

#### 6.12.2 Member Data Documentation

6.12.2.1 blog.models.Follow.flist = models.ManyToManyField('auth.User',related\_name='owner1') [static]

A variable which contains the list of users followed by the user.

**6.12.2.2** blog.models.Follow.user = models.OneToOneField('auth.User',default=1) [static]

The user associated with the Rate.

The documentation for this class was generated from the following file:

bookstore/blog/models.py

# 6.13 blog.models.Interest Class Reference

This class represents the Genre Interests of Users enrolled in the website.

Inheritance diagram for blog.models.Interest:

Collaboration diagram for blog.models.Interest:

## **Static Public Attributes**

• user = models.OneToOneField('auth.User',default=1)

The user associated with the Interest.

• my\_field

A multiple choice field which represents the selected interests of user.

## 6.13.1 Detailed Description

This class represents the Genre Interests of Users enrolled in the website.

#### 6.13.2 Member Data Documentation

```
6.13.2.1 blog.models.Interest.my_field [static]
```

#### Initial value:

A multiple choice field which represents the selected interests of user.

```
6.13.2.2 blog.models.Interest.user = models.OneToOneField('auth.User',default=1) [static]
```

The user associated with the Interest.

The documentation for this class was generated from the following file:

bookstore/blog/models.py

# 6.14 blog.forms.InterestForm Class Reference

This class represents the Form used to edit interests of user.

Inheritance diagram for blog.forms.InterestForm:

Collaboration diagram for blog.forms.InterestForm:

#### Classes

• class Meta

## 6.14.1 Detailed Description

This class represents the Form used to edit interests of user.

The documentation for this class was generated from the following file:

· bookstore/blog/forms.py

# 6.15 blog.models.Join Class Reference

This class represents the communities in which user is joined.

Inheritance diagram for blog.models.Join:

Collaboration diagram for blog.models.Join:

#### **Static Public Attributes**

• user = models.ForeignKey('auth.User',default=1)

The user associated with the Join.

• jlist = models.ManyToManyField('Community',related\_name='jlist')

A variable which contains the list of communities in which user is a member.

## 6.15.1 Detailed Description

This class represents the communities in which user is joined.

## 6.15.2 Member Data Documentation

**6.15.2.1** blog.models.Join.jlist = models.ManyToManyField('Community',related\_name='jlist') [static]

A variable which contains the list of communities in which user is a member.

6.15.2.2 blog.models.Join.user = models.ForeignKey('auth.User',default=1) [static]

The user associated with the Join.

The documentation for this class was generated from the following file:

• bookstore/blog/models.py

# 6.16 blog.forms.RatingForm.Meta Class Reference

## **Static Public Attributes**

- model = Rate
- tuple fields = ('rating',)

#### 6.16.1 Member Data Documentation

```
6.16.1.1 tuple blog.forms.RatingForm.Meta.fields = ('rating',) [static]
```

**6.16.1.2** blog.forms.RatingForm.Meta.model = Rate [static]

The documentation for this class was generated from the following file:

· bookstore/blog/forms.py

# 6.17 blog.forms.CommunityForm.Meta Class Reference

## **Static Public Attributes**

- model = Community
- tuple fields = ('name','description',)

## 6.17.1 Member Data Documentation

```
6.17.1.1 tuple blog.forms.CommunityForm.Meta.fields = ('name', 'description',) [static]
```

**6.17.1.2** blog.forms.CommunityForm.Meta.model = Community [static]

The documentation for this class was generated from the following file:

· bookstore/blog/forms.py

# 6.18 blog.filters.AdvertiseFilter.Meta Class Reference

## **Static Public Attributes**

- model = Advertise
- dictionary fields = {'title':['icontains'], 'genre':['icontains'], 'author':['icontains'], }

## 6.18.1 Member Data Documentation

```
6.18.1.1 dictionary blog.filters.AdvertiseFilter.Meta.fields = {'title':['icontains'], 'genre':['icontains'], 'author':['icontains'], } [static]
```

```
6.18.1.2 blog.filters.AdvertiseFilter.Meta.model = Advertise [static]
```

The documentation for this class was generated from the following file:

· bookstore/blog/filters.py

# 6.19 blog.forms.AdvertiseForm.Meta Class Reference

#### **Static Public Attributes**

- model = Advertise
- tuple fields = ('title', 'author', 'genre', 'description', 'image')

#### 6.19.1 Member Data Documentation

```
6.19.1.1 tuple blog.forms.AdvertiseForm.Meta.fields = ('title', 'author', 'genre', 'description', 'image') [static]
```

```
6.19.1.2 blog.forms.AdvertiseForm.Meta.model = Advertise [static]
```

The documentation for this class was generated from the following file:

· bookstore/blog/forms.py

# 6.20 blog.forms.InterestForm.Meta Class Reference

#### **Static Public Attributes**

- model = Interest
- tuple fields = ('my\_field',)

#### 6.20.1 Member Data Documentation

```
6.20.1.1 tuple blog.forms.InterestForm.Meta.fields = ('my_field',) [static]
```

**6.20.1.2** blog.forms.InterestForm.Meta.model = Interest [static]

The documentation for this class was generated from the following file:

· bookstore/blog/forms.py

# 6.21 blog.forms.SignUpForm.Meta Class Reference

#### **Static Public Attributes**

- model = User
- tuple fields = ('username', 'first\_name', 'last\_name', 'email', 'password1', 'password2',)

#### 6.21.1 Member Data Documentation

```
6.21.1.1 tuple blog.forms.SignUpForm.Meta.fields = ('username', 'first_name', 'last_name', 'email', 'password1', 'password2',)

[static]
```

```
6.21.1.2 blog.forms.SignUpForm.Meta.model = User [static]
```

The documentation for this class was generated from the following file:

bookstore/blog/forms.py

# 6.22 blog.forms.DocumentCForm.Meta Class Reference

#### **Static Public Attributes**

- model = Document
- tuple fields = ('title', 'author', 'genre', 'description', 'document', 'image',)

## 6.22.1 Member Data Documentation

```
6.22.1.1 tuple blog.forms.DocumentCForm.Meta.fields = ('title','author','genre','description', 'document', 'image',) [static]
```

**6.22.1.2** blog.forms.DocumentCForm.Meta.model = Document [static]

The documentation for this class was generated from the following file:

bookstore/blog/forms.py

# 6.23 blog.filters.DocumentFilter.Meta Class Reference

#### **Static Public Attributes**

- model = Document
- dictionary fields = {'title':['icontains'], 'genre':['icontains'], 'author':['icontains'], }

#### 6.23.1 Member Data Documentation

```
6.23.1.1 dictionary blog.filters.DocumentFilter.Meta.fields = {'title':['icontains'], 'genre':['icontains'], 'author':['icontains'], } [static]
```

```
6.23.1.2 blog.filters.DocumentFilter.Meta.model = Document [static]
```

The documentation for this class was generated from the following file:

· bookstore/blog/filters.py

# 6.24 blog.forms.DocumentForm.Meta Class Reference

## **Static Public Attributes**

- model = Document
- tuple fields = ('title', 'author', 'genre', 'description', 'document', 'image', 'public')

#### 6.24.1 Member Data Documentation

```
6.24.1.1 tuple blog.forms.DocumentForm.Meta.fields = ('title','author','genre','description', 'document', 'image','public')
[static]
```

```
6.24.1.2 blog.forms.DocumentForm.Meta.model = Document [static]
```

The documentation for this class was generated from the following file:

· bookstore/blog/forms.py

# 6.25 blog.forms.ProfileForm.Meta Class Reference

#### **Static Public Attributes**

- model = Profile
- tuple fields = ('picture', 'first\_name', 'last\_name', 'email',)

#### 6.25.1 Member Data Documentation

```
6.25.1.1 tuple blog.forms.ProfileForm.Meta.fields = ('picture', 'first_name', 'last_name', 'email',) [static]
```

**6.25.1.2** blog.forms.ProfileForm.Meta.model = Profile [static]

The documentation for this class was generated from the following file:

bookstore/blog/forms.py

# 6.26 blog.models.Profile Class Reference

This class represents the Profile of Users enrolled in the website.

Inheritance diagram for blog.models.Profile:

Collaboration diagram for blog.models.Profile:

#### Static Public Attributes

• user = models.OneToOneField('auth.User', on\_delete=models.CASCADE)

The user associated with the Profile.

• picture = models.ImageField(upload\_to='images/',default = 'pic\_folder/None/no-img.jpg')

The Profile picture of the user.

first\_name = models.CharField(max\_length=30)

The firstname picture of the user.

last\_name = models.CharField(max\_length=30)

The lastname picture of the user.

• email = models.EmailField(max\_length=254)

The email-id picture of the user.

## 6.26.1 Detailed Description

This class represents the Profile of Users enrolled in the website.

#### 6.26.2 Member Data Documentation

```
6.26.2.1 blog.models.Profile.email = models.EmailField(max_length=254) [static]
```

The email-id picture of the user.

```
6.26.2.2 blog.models.Profile.first_name = models.CharField(max_length=30) [static]
```

The firstname picture of the user.

```
6.26.2.3 blog.models.Profile.last_name = models.CharField(max_length=30) [static]
```

The lastname picture of the user.

```
6.26.2.4 blog.models.Profile.picture = models.ImageField(upload_to='images/',default = 'pic_folder/None/no-img.jpg')
[static]
```

The Profile picture of the user.

6.26.2.5 blog.models.Profile.user = models.OneToOneField('auth.User', on\_delete=models.CASCADE) [static]

The user associated with the Profile.

The documentation for this class was generated from the following file:

· bookstore/blog/models.py

# 6.27 blog.forms.ProfileForm Class Reference

This class represents the Form used to edit profile.

Inheritance diagram for blog.forms.ProfileForm:

Collaboration diagram for blog.forms.ProfileForm:

#### Classes

• class Meta

## 6.27.1 Detailed Description

This class represents the Form used to edit profile.

The documentation for this class was generated from the following file:

bookstore/blog/forms.py

# 6.28 blog.models.Rate Class Reference

This class represents the Rating of the uploaded document given by a user.

Inheritance diagram for blog.models.Rate:

Collaboration diagram for blog.models.Rate:

#### **Static Public Attributes**

• user = models.ForeignKey('auth.User',default=1)

The user associated with the Rate.

• doc = models.ForeignKey(Document)

The document associated with the Rate.

• rating = models.IntegerField(choices=((1,1),(2,2),(3,3),(4,4),(5,5)),default=1)

A variable which represents the rating of the document.

## 6.28.1 Detailed Description

This class represents the Rating of the uploaded document given by a user.

#### 6.28.2 Member Data Documentation

```
6.28.2.1 blog.models.Rate.doc = models.ForeignKey(Document) [static]
```

The document associated with the Rate.

```
6.28.2.2 blog.models.Rate.rating = models.IntegerField(choices=((1,1),(2,2),(3,3),(4,4),(5,5)),default=1) [static]
```

A variable which represents the rating of the document.

```
6.28.2.3 blog.models.Rate.user = models.ForeignKey('auth.User',default=1) [static]
```

The user associated with the Rate.

The documentation for this class was generated from the following file:

bookstore/blog/models.py

# 6.29 blog.forms.RatingForm Class Reference

This class represents the Form used to rate a book.

Inheritance diagram for blog.forms.RatingForm:

Collaboration diagram for blog.forms.RatingForm:

#### **Classes**

class Meta

## 6.29.1 Detailed Description

This class represents the Form used to rate a book.

The documentation for this class was generated from the following file:

bookstore/blog/forms.py

# 6.30 blog.models.Readpending Class Reference

This class represents the list users who want to read a document if book is private.

Inheritance diagram for blog.models.Readpending:

Collaboration diagram for blog.models.Readpending:

#### **Static Public Attributes**

• user = models.ForeignKey('auth.User',default=1)

The user associated with the Readpending.

• doc = models.ForeignKey(Document)

The document associated with the ReadPending.

rplist = models.ManyToManyField('auth.User',related\_name='rplist')

A variable which contains the list of users in who want to read this private document.

## 6.30.1 Detailed Description

This class represents the list users who want to read a document if book is private.

#### 6.30.2 Member Data Documentation

6.30.2.1 blog.models.Readpending.doc = models.ForeignKey(Document) [static]

The document associated with the ReadPending.

**6.30.2.2** blog.models.Readpending.rplist = models.ManyToManyField('auth.User',related\_name='rplist') [static]

A variable which contains the list of users in who want to read this private document.

**6.30.2.3** blog.models.Readpending.user = models.ForeignKey('auth.User',default=1) [static]

The user associated with the Readpending.

The documentation for this class was generated from the following file:

bookstore/blog/models.py

# 6.31 blog.forms.SignUpForm Class Reference

This class represents the Form used to sign-up.

Inheritance diagram for blog.forms.SignUpForm:

Collaboration diagram for blog.forms.SignUpForm:

#### Classes

· class Meta

#### **Public Member Functions**

def \_\_init\_\_ (self, args, kwargs)

#### **Static Public Attributes**

- first\_name = forms.CharField(max\_length=30, required=False)
- last\_name = forms.CharField(max\_length=30, required=False)

# 6.31.1 Detailed Description

This class represents the Form used to sign-up.

#### 6.31.2 Constructor & Destructor Documentation

6.31.2.1 def blog.forms.SignUpForm.\_\_init\_\_ ( self, args, kwargs )

#### 6.31.3 Member Data Documentation

- 6.31.3.1 blog.forms.SignUpForm.first\_name = forms.CharField(max\_length=30, required=False) [static]
- **6.31.3.2** blog.forms.SignUpForm.last\_name = forms.CharField(max\_length=30, required=False) [static]

The documentation for this class was generated from the following file:

· bookstore/blog/forms.py

# 6.32 custom\_app.views.UserListView Class Reference

view for the chat page of the user.

Inheritance diagram for custom app.views.UserListView:

Collaboration diagram for custom\_app.views.UserListView:

## **Static Public Attributes**

- model = get\_user\_model()
- string slug\_field = 'username'
- string slug\_url\_kwarg = 'username'
- string template\_name = 'custom\_app/users.html'
- string login\_url = 'admin/'

# 6.32.1 Detailed Description

view for the chat page of the user.

This view is called by messages url. It returns to users.html

## 6.32.2 Member Data Documentation

```
6.32.2.1 string custom_app.views.UserListView.login_url = 'admin/' [static]
6.32.2.2 custom_app.views.UserListView.model = get_user_model() [static]
6.32.2.3 string custom_app.views.UserListView.slug_field = 'username' [static]
6.32.2.4 string custom_app.views.UserListView.slug_url_kwarg = 'username' [static]
6.32.2.5 string custom_app.views.UserListView.template_name = 'custom_app/users.html' [static]
```

The documentation for this class was generated from the following file:

bookstore/custom\_app/views.py

# **Chapter 7**

# **File Documentation**

7.1	bookstore/blog/initpy File Reference		
Name	espaces		
•	blog		
7.2	bookstore/custom_app/initpy File Reference		
Namespaces			
•	custom_app		
7.3	bookstore/mysite/initpy File Reference		

Namespaces

• mysite

7.4 bookstore/blog/admin.py File Reference

**Namespaces** 

• blog.admin

7.5 bookstore/custom\_app/admin.py File Reference

**Namespaces** 

• custom\_app.admin

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# 7.6 bookstore/blog/apps.py File Reference

## Classes

• class blog.apps.BlogConfig

# **Namespaces**

• blog.apps

# 7.7 bookstore/custom\_app/apps.py File Reference

## Classes

• class custom\_app.apps.CustomAppConfig

## **Namespaces**

• custom\_app.apps

# 7.8 bookstore/blog/filters.py File Reference

# Classes

- · class blog.filters.DocumentFilter
- class blog.filters.DocumentFilter.Meta
- · class blog.filters.AdvertiseFilter
- class blog.filters.AdvertiseFilter.Meta

## **Namespaces**

• blog.filters

# 7.9 bookstore/blog/forms.py File Reference

#### **Classes**

· class blog.forms.ProfileForm

This class represents the Form used to edit profile.

- class blog.forms.ProfileForm.Meta
- · class blog.forms.SignUpForm

This class represents the Form used to sign-up.

- · class blog.forms.SignUpForm.Meta
- class blog.forms.InterestForm

This class represents the Form used to edit interests of user.

- · class blog.forms.InterestForm.Meta
- · class blog.forms.DocumentForm

This class represents the Form used to upload document.

- · class blog.forms.DocumentForm.Meta
- · class blog.forms.DocumentCForm

This class represents the Form used to upload document in community.

- · class blog.forms.DocumentCForm.Meta
- class blog.forms.RatingForm

This class represents the Form used to rate a book.

- · class blog.forms.RatingForm.Meta
- · class blog.forms.CommunityForm

This class represents the Form used to create community.

- · class blog.forms.CommunityForm.Meta
- class blog.forms.AdvertiseForm

This class represents the Form used to upload advertise.

· class blog.forms.AdvertiseForm.Meta

## Namespaces

· blog.forms

# 7.10 bookstore/blog/models.py File Reference

#### Classes

· class blog.models.Profile

This class represents the Profile of Users enrolled in the website.

· class blog.models.Interest

This class represents the Genre Interests of Users enrolled in the website.

· class blog.models.Document

This class represents the Documents uploaded in the website.

class blog.models.Rate

This class represents the Rating of the uploaded document given by a user.

· class blog.models.Follow

This class represents the list of users followed by a user.

class blog.models.Community

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This class represents the Communities in the website.

• class blog.models.Join

This class represents the communities in which user is joined.

· class blog.models.Advertise

This class represents the Advertisements uploaded in the website.

• class blog.models.Readpending

This class represents the list users who want to read a document if book is private.

## **Namespaces**

· blog.models

# 7.11 bookstore/custom\_app/models.py File Reference

## **Namespaces**

· custom\_app.models

# 7.12 bookstore/blog/tests.py File Reference

## **Namespaces**

· blog.tests

# 7.13 bookstore/custom\_app/tests.py File Reference

## **Namespaces**

· custom\_app.tests

# 7.14 bookstore/blog/urls.py File Reference

## **Namespaces**

• blog.urls

## **Variables**

- blog.urls.form1 = SignUpForm()
- · list blog.urls.urlpatterns
- blog.urls.MEDIA\_URL
- blog.urls.document\_root

# 7.15 bookstore/custom\_app/urls.py File Reference

## **Namespaces**

• custom\_app.urls

## **Variables**

· list custom\_app.urls.urlpatterns

# 7.16 bookstore/mysite/urls.py File Reference

## **Namespaces**

· mysite.urls

#### **Variables**

• list mysite.urls.urlpatterns

# 7.17 bookstore/blog/views.py File Reference

## **Namespaces**

• blog.views

# **Functions**

def blog.views.home (request)

view for the home page of the user.

• def blog.views.signup (request)

view for the signup page for a new user.

• def blog.views.editprofile (request)

view to edit profile of a user.

• def blog.views.interests (request)

view to edit interets of a user.

def blog.views.upfile (request)

view to upload document.

• def blog.views.advertise (request)

view to advertise a book

def blog.views.settings (request)

view for settings page

· def blog.views.notes (request)

view for notifications page

def blog.views.search (request)

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view for search page

- def blog.views.searchad (request)
- def blog.views.delete1 (request, pk)

view to delete a book

def blog.views.delete1ad (request, pk)

view to delete a advertise

def blog.views.bookpage (request, pk)

view for book page

def blog.views.adpage (request, pk)

view for ad page

• def blog.views.jcommunities (request)

view for joined communities page of a user

def blog.views.ocommunities (request)

view for other communities page of a user

def blog.views.reset (request)

view to edit profile of a user.

• def blog.views.genre (request, pk)

view for genre page

• def blog.views.author (request, pk)

view for author page

def blog.views.uploader (request, pk)

view for uploader page

• def blog.views.follow (request, pk)

view to make one user follow another user

def blog.views.unfollow (request, pk)

view to make one user follow another user

• def blog.views.change (request, pk)

view to change privacy of a document

• def blog.views.community (request)

view to create a community

• def blog.views.cpage (request, pk)

view for community page

def blog.views.srequest (request, pk)

view to sendrequest to join a community by a user

def blog.views.crequest (request, pk)

view to cancelrequest to join a community by a user

def blog.views.accept (request, pk, name)

view to acceptrequest of a user by admin of a community

def blog.views.leave (request, pk)

view for a user to leave a community

def blog.views.prequest (request, pk)

view for a user to send a request to read a private book

def blog.views.cprequest (request, pk)

view for a user to cancel a request sent by him to read a private book

def blog.views.acceptread (request, pk, pk1)

view to acceptreadrequest of a user by uploader of book

• def blog.views.upfileinc (request, pk)

view to upload document in a community

# 7.18 bookstore/custom\_app/views.py File Reference

## Classes

class custom\_app.views.UserListView
 view for the chat page of the user.

## **Namespaces**

• custom\_app.views

# 7.19 bookstore/manage.py File Reference

## **Namespaces**

· manage

# 7.20 bookstore/mysite/asgi.py File Reference

## **Namespaces**

• mysite.asgi

## **Variables**

• mysite.asgi.channel\_layer = get\_channel\_layer()

# 7.21 bookstore/mysite/routing.py File Reference

# **Namespaces**

· mysite.routing

## **Variables**

• list mysite.routing.channel\_routing

# 7.22 bookstore/mysite/settings.py File Reference

## **Namespaces**

mysite.settings

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#### **Variables**

- mysite.settings.BASE\_DIR = os.path.dirname(os.path.dirname(os.path.abspath(\_\_file\_\_)))
- string mysite.settings.SECRET\_KEY = '#(wy)8s+g)n@^^\*dri+uub86%9&5\$y#(nql\*!y(uer^glj6xrw')
- bool mysite.settings.DEBUG = True
- list mysite.settings.ALLOWED\_HOSTS = []
- string mysite.settings.CHAT WS SERVER HOST = 'localhost'
- int mysite.settings.CHAT\_WS\_SERVER\_PORT = 5002
- string mysite.settings.CHAT WS SERVER PROTOCOL = 'ws'
- list mysite.settings.INSTALLED APPS
- · tuple mysite.settings.l
- · list mysite.settings.MIDDLEWARE
- mysite.settings.MIDDLEWARE CLASSES = I
- string mysite.settings.ROOT\_URLCONF = 'mysite.urls'
- mysite.settings.redis\_host = os.environ.get('REDIS\_HOST', 'localhost')
- list mysite.settings.TEMPLATES
- string mysite.settings.EMAIL BACKEND = 'django.core.mail.backends.console.EmailBackend'
- string mysite.settings.WSGI\_APPLICATION = 'mysite.wsgi.application'
- · dictionary mysite.settings.DATABASES
- list mysite.settings.AUTH PASSWORD VALIDATORS
- string mysite.settings.LANGUAGE CODE = 'en-us'
- string mysite.settings.TIME\_ZONE = 'Asia/Kolkata'
- bool mysite.settings.USE\_I18N = True
- bool mysite.settings.USE\_L10N = True
- bool mysite.settings.USE\_TZ = True
- string mysite.settings.STATIC\_URL = '/static/'
- mysite.settings.STATIC\_ROOT = os.path.join(BASE\_DIR, 'static')
- string mysite.settings.LOGIN\_URL = 'login'
- string mysite.settings.LOGOUT\_URL = 'logout'
- string mysite.settings.LOGIN REDIRECT URL = 'home'
- string mysite.settings.MEDIA\_URL = '/media/'
- mysite.settings.MEDIA\_ROOT = os.path.join(BASE\_DIR, 'media')
- list mysite.settings.INTERNAL IPS = ['127.0.0.1', 'localhost']
- int mysite.settings.SESSION COOKIE AGE = 12096000

## 7.23 bookstore/mysite/wsgi.py File Reference

## **Namespaces**

· mysite.wsgi

#### **Variables**

mysite.wsgi.application = get\_wsgi\_application()

# 7.24 bookstore/requirements.txt File Reference

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