

Courspace

Generated by Doxygen 1.8.13

Contents

1	Introduction	1
2	Requirements	3
3	Namespace Index	5
3.1	Namespace List	5
4	Hierarchical Index	7
4.1	Class Hierarchy	7
5	Class Index	9
5.1	Class List	9
6	File Index	11
6.1	File List	11
7	Namespace Documentation	13
7.1	course Namespace Reference	13
7.2	course.admin Namespace Reference	13
7.3	course.apps Namespace Reference	13
7.4	course.forms Namespace Reference	13
7.5	course.models Namespace Reference	14
7.6	course.tests Namespace Reference	14
7.7	course.urls Namespace Reference	14
7.7.1	Variable Documentation	14
7.7.1.1	urlpatterns	14

7.8	course.views Namespace Reference	15
7.8.1	Function Documentation	15
7.8.1.1	detail()	15
7.8.1.2	index()	15
7.8.1.3	upload_submission()	15
7.8.1.4	view_assignments()	16
7.8.1.5	view_resources()	16
7.9	courspace Namespace Reference	16
7.10	courspace.forms Namespace Reference	16
7.11	courspace.settings Namespace Reference	17
7.11.1	Detailed Description	17
7.11.2	Variable Documentation	17
7.11.2.1	ALLOWED_HOSTS	17
7.11.2.2	AUTH_PASSWORD_VALIDATORS	18
7.11.2.3	BASE_DIR	18
7.11.2.4	DATABASES	18
7.11.2.5	DEBUG	18
7.11.2.6	INSTALLED_APPS	19
7.11.2.7	LANGUAGE_CODE	19
7.11.2.8	MEDIA_ROOT	19
7.11.2.9	MEDIA_URL	19
7.11.2.10	MIDDLEWARE	19
7.11.2.11	ROOT_URLCONF	20
7.11.2.12	SECRET_KEY	20
7.11.2.13	STATIC_URL	20
7.11.2.14	TEMPLATES	20
7.11.2.15	TIME_ZONE	20
7.11.2.16	USE_I18N	20
7.11.2.17	USE_L10N	21
7.11.2.18	USE_TZ	21

7.11.2.19 WSGI_APPLICATION	21
7.12 courspace.urls Namespace Reference	21
7.12.1 Variable Documentation	21
7.12.1.1 document_root	21
7.12.1.2 MEDIA_URL	21
7.12.1.3 STATIC_URL	22
7.12.1.4 urlpatterns	22
7.13 courspace.views Namespace Reference	22
7.13.1 Function Documentation	22
7.13.1.1 login_user()	22
7.13.1.2 logout_user()	23
7.13.1.3 register_user()	23
7.14 courspace.wsgi Namespace Reference	23
7.14.1 Detailed Description	23
7.14.2 Variable Documentation	23
7.14.2.1 application	23
7.15 instructor Namespace Reference	24
7.16 instructor.admin Namespace Reference	24
7.17 instructor.apps Namespace Reference	24
7.18 instructor.forms Namespace Reference	24
7.19 instructor.models Namespace Reference	24
7.20 instructor.tests Namespace Reference	25
7.21 instructor.urls Namespace Reference	25
7.22 instructor.views Namespace Reference	25
7.22.1 Function Documentation	25
7.22.1.1 add_assignment()	25
7.22.1.2 add_notification()	25
7.22.1.3 add_resource()	26
7.22.1.4 instructor_detail()	26
7.22.1.5 instructor_index()	26
7.22.1.6 view_all_assignments()	26
7.22.1.7 view_all_submissions()	26
7.22.1.8 view_feedback()	27
7.23 manage Namespace Reference	27

8	Class Documentation	29
8.1	instructor.models.Assignment Class Reference	29
8.1.1	Detailed Description	29
8.1.2	Member Data Documentation	29
8.1.2.1	course	30
8.1.2.2	deadline	30
8.1.2.3	description	30
8.1.2.4	file	30
8.1.2.5	post_time	30
8.2	instructor.forms.AssignmentForm Class Reference	31
8.2.1	Detailed Description	31
8.3	instructor.models.Course Class Reference	31
8.3.1	Detailed Description	32
8.3.2	Member Function Documentation	32
8.3.2.1	__str__()	32
8.3.3	Member Data Documentation	32
8.3.3.1	code	32
8.3.3.2	course_logo	32
8.3.3.3	instructor	33
8.3.3.4	name	33
8.4	course.apps.CourseConfig Class Reference	33
8.4.1	Member Data Documentation	33
8.4.1.1	name	33
8.5	instructor.models.Instructor Class Reference	34
8.5.1	Detailed Description	34
8.5.2	Member Function Documentation	34
8.5.2.1	__str__()	34
8.5.3	Member Data Documentation	35
8.5.3.1	information	35
8.5.3.2	name	35

8.5.3.3	user	35
8.6	instructor.apps.InstructorConfig Class Reference	35
8.6.1	Member Data Documentation	36
8.6.1.1	name	36
8.7	course.models.Message Class Reference	36
8.7.1	Detailed Description	36
8.7.2	Member Data Documentation	36
8.7.2.1	content	37
8.7.2.2	course	37
8.7.2.3	sender	37
8.7.2.4	time	37
8.8	course.forms.MessageForm Class Reference	37
8.8.1	Detailed Description	38
8.9	instructor.forms.ResourceForm.Meta Class Reference	38
8.9.1	Member Data Documentation	38
8.9.1.1	fields	38
8.9.1.2	model	38
8.10	course.forms.SubmissionForm.Meta Class Reference	38
8.10.1	Member Data Documentation	39
8.10.1.1	fields	39
8.10.1.2	model	39
8.11	courspace.forms.UserRegistration.Meta Class Reference	39
8.11.1	Member Data Documentation	39
8.11.1.1	fields	39
8.11.1.2	model	39
8.12	courspace.forms.StudentRegistration.Meta Class Reference	40
8.12.1	Member Data Documentation	40
8.12.1.1	fields	40
8.12.1.2	model	40
8.13	instructor.forms.NotificationForm.Meta Class Reference	40

8.13.1	Member Data Documentation	40
8.13.1.1	fields	40
8.13.1.2	model	41
8.14	course.forms.MessageForm.Meta Class Reference	41
8.14.1	Member Data Documentation	41
8.14.1.1	fields	41
8.14.1.2	model	41
8.15	instructor.forms.AssignmentForm.Meta Class Reference	41
8.15.1	Member Data Documentation	41
8.15.1.1	fields	42
8.15.1.2	model	42
8.16	course.models.Notification Class Reference	42
8.16.1	Detailed Description	42
8.16.2	Member Data Documentation	42
8.16.2.1	content	43
8.16.2.2	course	43
8.16.2.3	time	43
8.17	instructor.forms.NotificationForm Class Reference	43
8.17.1	Detailed Description	43
8.18	instructor.forms.ResourceForm Class Reference	44
8.18.1	Detailed Description	44
8.19	course.models.Resources Class Reference	44
8.19.1	Detailed Description	45
8.19.2	Member Data Documentation	45
8.19.2.1	course	45
8.19.2.2	file_resource	45
8.19.2.3	title	45
8.20	course.models.Student Class Reference	45
8.20.1	Detailed Description	46
8.20.2	Member Function Documentation	46

8.20.2.1	<code>__str__()</code>	46
8.20.3	Member Data Documentation	46
8.20.3.1	<code>course_list</code>	46
8.20.3.2	<code>name</code>	47
8.20.3.3	<code>roll_no</code>	47
8.20.3.4	<code>user</code>	47
8.21	<code>courspace.forms.StudentRegistration</code> Class Reference	47
8.21.1	Detailed Description	47
8.22	<code>instructor.models.Submission</code> Class Reference	48
8.22.1	Detailed Description	48
8.22.2	Member Data Documentation	48
8.22.2.1	<code>assignment</code>	48
8.22.2.2	<code>CHOICES</code>	48
8.22.2.3	<code>feedback</code>	49
8.22.2.4	<code>file_submitted</code>	49
8.22.2.5	<code>time_submitted</code>	49
8.22.2.6	<code>user</code>	49
8.23	<code>course.forms.SubmissionForm</code> Class Reference	49
8.23.1	Detailed Description	50
8.24	<code>courspace.forms.UserRegistration</code> Class Reference	50
8.24.1	Detailed Description	50
8.24.2	Member Data Documentation	50
8.24.2.1	<code>password</code>	50

9 File Documentation	51
9.1 courspace/course/__init__.py File Reference	51
9.2 courspace/instructor/__init__.py File Reference	51
9.3 courspace/courspace/__init__.py File Reference	51
9.4 courspace/course/admin.py File Reference	51
9.5 courspace/instructor/admin.py File Reference	51
9.6 courspace/course/apps.py File Reference	52
9.7 courspace/instructor/apps.py File Reference	52
9.8 courspace/course/forms.py File Reference	52
9.9 courspace/instructor/forms.py File Reference	52
9.10 courspace/courspace/forms.py File Reference	53
9.11 courspace/course/models.py File Reference	53
9.12 courspace/instructor/models.py File Reference	53
9.13 courspace/course/tests.py File Reference	54
9.14 courspace/instructor/tests.py File Reference	54
9.15 courspace/course/urls.py File Reference	54
9.16 courspace/instructor/urls.py File Reference	54
9.17 courspace/courspace/urls.py File Reference	54
9.18 courspace/course/views.py File Reference	55
9.19 courspace/instructor/views.py File Reference	55
9.20 courspace/courspace/views.py File Reference	56
9.21 courspace/courspace/settings.py File Reference	56
9.22 courspace/courspace/wsgi.py File Reference	56
9.23 courspace/mainpage.dox File Reference	57
9.24 courspace/manage.py File Reference	57
Index	59

Chapter 1

Introduction

This project is a Django based website for a university/school where students and instructors can interact.

- [Requirements](#)

Chapter 2

Requirements

Requirements to run the project:

- Django (preferably version 1.11.6)
- Python3
- matplotlib python package

Chapter 3

Namespace Index

3.1 Namespace List

Here is a list of all namespaces with brief descriptions:

course	13
course.admin	13
course.apps	13
course.forms	13
course.models	14
course.tests	14
course.urls	14
course.views	15
courspace	16
courspace.forms	16
courspace.settings	17
courspace.urls	21
courspace.views	22
courspace.wsgi	23
instructor	24
instructor.admin	24
instructor.apps	24
instructor.forms	24
instructor.models	24
instructor.tests	25
instructor.urls	25
instructor.views	25
manage	27

Chapter 4

Hierarchical Index

4.1 Class Hierarchy

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

instructor.forms.ResourceForm.Meta	38
course.forms.SubmissionForm.Meta	38
courspace.forms.UserRegistration.Meta	39
courspace.forms.StudentRegistration.Meta	40
instructor.forms.NotificationForm.Meta	40
course.forms.MessageForm.Meta	41
instructor.forms.AssignmentForm.Meta	41
Model	
course.models.Message	36
course.models.Notification	42
course.models.Resources	44
course.models.Student	45
instructor.models.Assignment	29
instructor.models.Course	31
instructor.models.Instructor	34
instructor.models.Submission	48
ModelForm	
course.forms.MessageForm	37
course.forms.SubmissionForm	49
courspace.forms.StudentRegistration	47
courspace.forms.UserRegistration	50
instructor.forms.AssignmentForm	31
instructor.forms.NotificationForm	43
instructor.forms.ResourceForm	44
AppConfig	
course.apps.CourseConfig	33
instructor.apps.InstructorConfig	35

Chapter 5

Class Index

5.1 Class List

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

instructor.models.Assignment	
This class represents the assignments in a course	29
instructor.forms.AssignmentForm	
This class represents the form to add an assignment	31
instructor.models.Course	
This class represents the courses	31
course.apps.CourseConfig	33
instructor.models.Instructor	
This class represents the instructors enrolled in the website	34
instructor.apps.InstructorConfig	35
course.models.Message	
This class represents the messages displayed in the forum	36
course.forms.MessageForm	
This class represents the form to send a message in the forum	37
instructor.forms.ResourceForm.Meta	38
course.forms.SubmissionForm.Meta	38
courspace.forms.UserRegistration.Meta	39
courspace.forms.StudentRegistration.Meta	40
instructor.forms.NotificationForm.Meta	40
course.forms.MessageForm.Meta	41
instructor.forms.AssignmentForm.Meta	41
course.models.Notification	
This class represents the notifications received by the students	42
instructor.forms.NotificationForm	
This class represents the form to add a notification	43
instructor.forms.ResourceForm	
This class represents the form to add a resource	44
course.models.Resources	
This class represents the resources(lectures/study materials) for a course	44
course.models.Student	
This class represents the students enrolled in the website	45
courspace.forms.StudentRegistration	
This class represents the form to register a student	47
instructor.models.Submission	
This class represents the submissions for an assignment	48

[course.forms.SubmissionForm](#)

This class represents the form to add a submission for an assignment 49

[courspace.forms.UserRegistration](#)

This class represents the form to register a user 50

Chapter 6

File Index

6.1 File List

Here is a list of all files with brief descriptions:

courspace/manage.py	57
courspace/course/__init__.py	51
courspace/course/admin.py	51
courspace/course/apps.py	52
courspace/course/forms.py	52
courspace/course/models.py	53
courspace/course/tests.py	54
courspace/course/urls.py	54
courspace/course/views.py	55
courspace/courspace/__init__.py	51
courspace/courspace/forms.py	53
courspace/courspace/settings.py	56
courspace/courspace/urls.py	54
courspace/courspace/views.py	56
courspace/courspace/wsgi.py	56
courspace/instructor/__init__.py	51
courspace/instructor/admin.py	51
courspace/instructor/apps.py	52
courspace/instructor/forms.py	52
courspace/instructor/models.py	53
courspace/instructor/tests.py	54
courspace/instructor/urls.py	54
courspace/instructor/views.py	55

Chapter 7

Namespace Documentation

7.1 course Namespace Reference

Namespaces

- [admin](#)
- [apps](#)
- [forms](#)
- [models](#)
- [tests](#)
- [urls](#)
- [views](#)

7.2 course.admin Namespace Reference

7.3 course.apps Namespace Reference

Classes

- class [CourseConfig](#)

7.4 course.forms Namespace Reference

Classes

- class [MessageForm](#)
This class represents the form to send a message in the forum.
- class [SubmissionForm](#)
This class represents the form to add a submission for an assignment.

7.5 course.models Namespace Reference

Classes

- class [Message](#)
This class represents the messages displayed in the forum.
- class [Notification](#)
This class represents the notifications received by the students.
- class [Resources](#)
This class represents the resources(lectures/study materials) for a course.
- class [Student](#)
This class represents the students enrolled in the website.

7.6 course.tests Namespace Reference

7.7 course.urls Namespace Reference

Variables

- list [urlpatterns](#)
url patterns for the course app.

7.7.1 Variable Documentation

7.7.1.1 urlpatterns

list course.urls.urlpatterns

Initial value:

```
1 = [
2     url(r'^$', views.index),
3     url(r'^(?P<course_id>[0-9]+)/detail/$', views.detail, name='detail'),
4     url(r'^index/$', views.index, name='index'),
5     url(r'^(?P<assignment_id>[0-9]+)/upload_submission/$', views.upload_submission
6     ),
7     url(r'^(?P<course_id>[0-9]+)/view_assignments/$', views.view_assignments, name='view_assignments'),
8     url(r'^(?P<course_id>[0-9]+)/view_resources/$', views.view_resources, name='view_resources'),
9 ]
```

url patterns for the course app.

7.8 course.views Namespace Reference

Functions

- def `index` (request)
view for the index page of the student.
- def `detail` (request, course_id)
view for the detail page of the course.
- def `view_assignments` (request, course_id)
view for the assignments page of a course.
- def `view_resources` (request, course_id)
view for the resources page of a course.
- def `upload_submission` (request, assignment_id)
view for the assignment's submission page.

7.8.1 Function Documentation

7.8.1.1 `detail()`

```
def course.views.detail (
    request,
    course_id )
```

view for the detail page of the course.

This view is called by `<course_id>/detail` url.

It returns the course's detail page containing forum and links to all the assignments and resources.

7.8.1.2 `index()`

```
def course.views.index (
    request )
```

view for the index page of the student.

This view is called by `/index` url.

It returns the student's homepage containing links to all the courses he is enrolled in and all the notifications.

7.8.1.3 `upload_submission()`

```
def course.views.upload_submission (
    request,
    assignment_id )
```

view for the assignment's submission page.

This view is called by `<assignment_id>/upload_submission` url.

It returns the webpage containing a form to upload submission and redirects to the assignments page again after the form is submitted.

7.8.1.4 view_assignments()

```
def course.views.view_assignments (
    request,
    course_id )
```

view for the assignments page of a course.

This view is called by <course_id>/view_assignments url.

It returns the webpage containing all the assignments of the course and links to download them and upload sub-missions.

7.8.1.5 view_resources()

```
def course.views.view_resources (
    request,
    course_id )
```

view for the resources page of a course.

This view is called by <course_id>/view_resources url.

It returns the webpage containing all the resources of the course and links to download them.

7.9 courspace Namespace Reference

Namespaces

- [forms](#)
- [settings](#)
- [urls](#)
- [views](#)
- [wsgi](#)

7.10 courspace.forms Namespace Reference

Classes

- class [StudentRegistration](#)
This class represents the form to register a student.
- class [UserRegistration](#)
This class represents the form to register a user.

7.11 courspace.settings Namespace Reference

Variables

- `BASE_DIR` = `os.path.dirname(os.path.dirname(os.path.abspath(__file__)))`
- string `SECRET_KEY` = `'_#leu=@3uv9d$@^k1zj*a_d(+w^_=7v8(fu-j_8t@hw@bntnk'`
- bool `DEBUG` = `True`
- list `ALLOWED_HOSTS` = `[]`
- list `INSTALLED_APPS`
- list `MIDDLEWARE`
- string `ROOT_URLCONF` = `'courspace.urls'`
- list `TEMPLATES`
- string `WSGI_APPLICATION` = `'courspace.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/'`
- `MEDIA_ROOT` = `os.path.join(BASE_DIR, 'media')`
- string `MEDIA_URL` = `'/media/'`

7.11.1 Detailed Description

Django settings for courspace project.

Generated by 'django-admin startproject' using Django 1.11.6.

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/>

7.11.2 Variable Documentation

7.11.2.1 ALLOWED_HOSTS

```
list courspace.settings.ALLOWED_HOSTS = []
```

7.11.2.2 AUTH_PASSWORD_VALIDATORS

```
list courspace.settings.AUTH_PASSWORD_VALIDATORS
```

Initial value:

```
1 = [  
2   {  
3     'NAME': 'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',  
4   },  
5   {  
6     'NAME': 'django.contrib.auth.password_validation.MinimumLengthValidator',  
7   },  
8   {  
9     'NAME': 'django.contrib.auth.password_validation.CommonPasswordValidator',  
10  },  
11  {  
12    'NAME': 'django.contrib.auth.password_validation.NumericPasswordValidator',  
13  },  
14 ]
```

7.11.2.3 BASE_DIR

```
courspace.settings.BASE_DIR = os.path.dirname(os.path.dirname(os.path.abspath(__file__)))
```

7.11.2.4 DATABASES

```
dictionary courspace.settings.DATABASES
```

Initial value:

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

7.11.2.5 DEBUG

```
bool courspace.settings.DEBUG = True
```

7.11.2.6 INSTALLED_APPS

```
list course.space.settings.INSTALLED_APPS
```

Initial value:

```
1 = [  
2     'django.contrib.admin',  
3     'django.contrib.auth',  
4     'django.contrib.contenttypes',  
5     'django.contrib.sessions',  
6     'django.contrib.messages',  
7     'django.contrib.staticfiles',  
8     'course.apps.CourseConfig',  
9     'instructor.apps.InstructorConfig',  
10 ]
```

7.11.2.7 LANGUAGE_CODE

```
string course.space.settings.LANGUAGE_CODE = 'en-us'
```

7.11.2.8 MEDIA_ROOT

```
course.space.settings.MEDIA_ROOT = os.path.join(BASE_DIR, 'media')
```

7.11.2.9 MEDIA_URL

```
string course.space.settings.MEDIA_URL = '/media/'
```

7.11.2.10 MIDDLEWARE

```
list course.space.settings.MIDDLEWARE
```

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 ]
```

7.11.2.11 ROOT_URLCONF

```
string courspace.settings.ROOT_URLCONF = 'courspace.urls'
```

7.11.2.12 SECRET_KEY

```
string courspace.settings.SECRET_KEY = '_-#1eu=@3uv9d$@^k1zj*a_d(+w^_=7v8(fu-j_8t@hw@btntk'
```

7.11.2.13 STATIC_URL

```
string courspace.settings.STATIC_URL = '/static/'
```

7.11.2.14 TEMPLATES

```
list courspace.settings.TEMPLATES
```

Initial value:

```
1 = [  
2     {  
3         'BACKEND': 'django.template.backends.django.DjangoTemplates',  
4         'DIRS': [os.path.join(BASE_DIR, 'templates')],  
5         'APP_DIRS': True,  
6         'OPTIONS': {  
7             'context_processors': [  
8                 'django.template.context_processors.debug',  
9                 'django.template.context_processors.request',  
10                'django.contrib.auth.context_processors.auth',  
11                'django.contrib.messages.context_processors.messages',  
12            ],  
13        },  
14    ],  
15 ]
```

7.11.2.15 TIME_ZONE

```
string courspace.settings.TIME_ZONE = 'Asia/Kolkata'
```

7.11.2.16 USE_I18N

```
bool courspace.settings.USE_I18N = True
```

7.11.2.17 USE_L10N

```
bool courspace.settings.USE_L10N = True
```

7.11.2.18 USE_TZ

```
bool courspace.settings.USE_TZ = True
```

7.11.2.19 WSGI_APPLICATION

```
string courspace.settings.WSGI_APPLICATION = 'courspace.wsgi.application'
```

7.12 courspace.urls Namespace Reference

Variables

- list [urlpatterns](#)
url patterns for the website.
- [STATIC_URL](#)
- [document_root](#)
- [MEDIA_URL](#)

7.12.1 Variable Documentation

7.12.1.1 document_root

```
courspace.urls.document_root
```

7.12.1.2 MEDIA_URL

```
courspace.urls.MEDIA_URL
```

7.12.1.3 STATIC_URL

```
courspace.urls.STATIC_URL
```

7.12.1.4 urlpatterns

```
list courspace.urls.urlpatterns
```

Initial value:

```
1 = [  
2     url(r'^admin/', admin.site.urls),  
3     url(r'^login/', views.login_user, name='login_user'),  
4     url(r'^register_user/$', views.register_user, name='register_user'),  
5     url(r'^logout/$', views.logout_user, name='logout_user'),  
6     url(r'^course/', include('course.urls', namespace='course')),  
7     url(r'^instructor/', include('instructor.urls', namespace='instructor')),  
8 ]
```

url patterns for the website.

7.13 courspace.views Namespace Reference

Functions

- def [login_user](#) (request)
view for the login page of the website.
- def [register_user](#) (request)
view for the registration page for students to register themselves.
- def [logout_user](#) (request)
view for the logout page.

7.13.1 Function Documentation

7.13.1.1 login_user()

```
def courspace.views.login_user (  
    request )
```

view for the login page of the website.

This view is called by /login url.

It returns the login page for the students and instructors to login.

7.13.1.2 logout_user()

```
def courspace.views.logout_user (
    request )
```

view for the logout page.

This view is called by /logout_user url.

It returns the webpage displayed when the user log outs of the website which is same as the login page.

7.13.1.3 register_user()

```
def courspace.views.register_user (
    request )
```

view for the registration page for students to register themselves.

This view is called by /register_user url.

It returns the form for students to register themselves.

The students can choose a username and password and fill out their details and select the courses they wish to enroll in.

7.14 courspace.wsgi Namespace Reference

Variables

- `application` = `get_wsgi_application()`

7.14.1 Detailed Description

WSGI config for courspace 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/1.11/howto/deployment/wsgi/>

7.14.2 Variable Documentation

7.14.2.1 application

```
courspace.wsgi.application = get_wsgi_application()
```

7.15 instructor Namespace Reference

Namespaces

- [admin](#)
- [apps](#)
- [forms](#)
- [models](#)
- [tests](#)
- [urls](#)
- [views](#)

7.16 instructor.admin Namespace Reference

7.17 instructor.apps Namespace Reference

Classes

- class [InstructorConfig](#)

7.18 instructor.forms Namespace Reference

Classes

- class [AssignmentForm](#)
This class represents the form to add an assignment.
- class [NotificationForm](#)
This class represents the form to add a notification.
- class [ResourceForm](#)
This class represents the form to add a resource.

7.19 instructor.models Namespace Reference

Classes

- class [Assignment](#)
This class represents the assignments in a course.
- class [Course](#)
This class represents the courses.
- class [Instructor](#)
This class represents the instructors enrolled in the website.
- class [Submission](#)
This class represents the submissions for an assignment.

7.20 instructor.tests Namespace Reference

7.21 instructor.urls Namespace Reference

7.22 instructor.views Namespace Reference

Functions

- def `instructor_index` (request)
view for the index page of the instructor.
- def `instructor_detail` (request, course_id)
view for the detail page of the course.
- def `add_notification` (request, course_id)
view for the course's add-notification page
- def `add_assignment` (request, course_id)
view for the course's add-assignment page.
- def `add_resource` (request, course_id)
view for the course's add-resource page.
- def `view_all_assignments` (request, course_id)
view for the assignments page of a course.
- def `view_all_submissions` (request, assignment_id)
view for the submissions page of an assignment.
- def `view_feedback` (request, assignment_id)
view for the feedback page containing an histogram of all the feddbacks provided by the students.

7.22.1 Function Documentation

7.22.1.1 `add_assignment()`

```
def instructor.views.add_assignment (
    request,
    course_id )
```

view for the course's add-assignment page.

This view is called by `<course_id>/add_assignment` url.

It returns the webpage containing a form to add an assignment and redirects to the course's detail page again after the form is submitted.

7.22.1.2 `add_notification()`

```
def instructor.views.add_notification (
    request,
    course_id )
```

view for the course's add-notification page

This view is called by `<course_id>/add_notification` url.

It returns the webpage containing a form to add notification and redirects to the course's detail page again after the form is submitted.

7.22.1.3 add_resource()

```
def instructor.views.add_resource (
    request,
    course_id )
```

view for the course's add-resource page.

This view is called by `<course_id>/add_resource` url.

It returns the webpage containing a form to add a resource and redirects to the course's detail page again after the form is submitted.

7.22.1.4 instructor_detail()

```
def instructor.views.instructor_detail (
    request,
    course_id )
```

view for the detail page of the course.

This view is called by `<course_id>/instructor_detail` url.

It returns the course's detail page containing forum and links to add assignment,resource,notifications and view all the assignments and their submissions.

7.22.1.5 instructor_index()

```
def instructor.views.instructor_index (
    request )
```

view for the index page of the instructor.

This view is called by `/instructor_index` url.

It returns the instructor's homepage containing links to all the courses he teaches.

7.22.1.6 view_all_assignments()

```
def instructor.views.view_all_assignments (
    request,
    course_id )
```

view for the assignments page of a course.

This view is called by `<course_id>/view_all_assignments` url.

It returns the webpage containing all the assignments of the course and links to their submissions and feedbacks given by the students.

7.22.1.7 view_all_submissions()

```
def instructor.views.view_all_submissions (
    request,
    assignment_id )
```

view for the submissions page of an assignment.

This view is called by `<assignment_id>/view_all_submissions` url.

It returns the webpage containing links to all the submissions of an assignment.

7.22.1.8 view_feedback()

```
def instructor.views.view_feedback (
    request,
    assignment_id )
```

view for the feedback page containing an histogram of all the feedbacks provided by the students.

This view is called by <assignment_id>/view_feedback url.

It returns a webpage containing the feedback received by the students organized in the form of histogram.

7.23 manage Namespace Reference

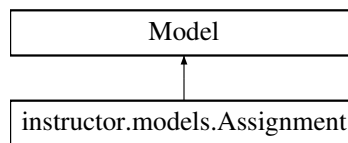
Chapter 8

Class Documentation

8.1 instructor.models.Assignment Class Reference

This class represents the assignments in a course.

Inheritance diagram for instructor.models.Assignment:



Static Public Attributes

- `description` = `models.CharField(max_length=1000, default=")`
The description of the assignment.
- `file` = `models.FileField(default=")`
The file containing the problems for the assignment.
- `course` = `models.ForeignKey(Course)`
The course associated with the assignment.
- `post_time` = `models.CharField(max_length=100)`
The date,time of posting the assignment.
- `deadline` = `models.CharField(max_length=100)`
The deadline to complete the assignment for the students.

8.1.1 Detailed Description

This class represents the assignments in a course.

8.1.2 Member Data Documentation

8.1.2.1 course

```
instructor.models.Assignment.course = models.ForeignKey(Course) [static]
```

The course associated with the assignment.

8.1.2.2 deadline

```
instructor.models.Assignment.deadline = models.CharField(max_length=100) [static]
```

The deadline to complete the assignment for the students.

8.1.2.3 description

```
instructor.models.Assignment.description = models.CharField(max_length=1000, default='') [static]
```

The description of the assignment.

8.1.2.4 file

```
instructor.models.Assignment.file = models.FileField(default='') [static]
```

The file containing the problems for the assignment.

8.1.2.5 post_time

```
instructor.models.Assignment.post_time = models.CharField(max_length=100) [static]
```

The date,time of posting the assignment.

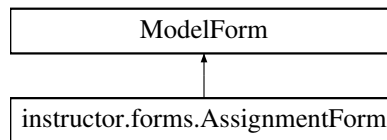
The documentation for this class was generated from the following file:

- [courspace/instructor/models.py](#)

8.2 instructor.forms.AssignmentForm Class Reference

This class represents the form to add an assignment.

Inheritance diagram for instructor.forms.AssignmentForm:



Classes

- class [Meta](#)

8.2.1 Detailed Description

This class represents the form to add an assignment.

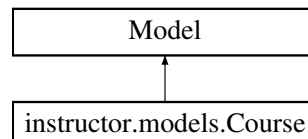
The documentation for this class was generated from the following file:

- `courspace/instructor/forms.py`

8.3 instructor.models.Course Class Reference

This class represents the courses.

Inheritance diagram for instructor.models.Course:



Public Member Functions

- def `__str__`(self)
This function returns the string representation of the course class.

Static Public Attributes

- `name` = `models.CharField(max_length=100)`
The name of the course.
- `code` = `models.CharField(max_length=100)`
The course code.
- `instructor` = `models.ForeignKey(Instructor, on_delete=models.CASCADE)`
The instructor of the course.
- `course_logo` = `models.FileField(default=1)`
The course logo.

8.3.1 Detailed Description

This class represents the courses.

8.3.2 Member Function Documentation

8.3.2.1 `__str__()`

```
def instructor.models.Course.__str__ (
    self )
```

This function returns the string representation of the course class.

Used by Django admin website to represent the course objects.

8.3.3 Member Data Documentation

8.3.3.1 `code`

```
instructor.models.Course.code = models.CharField(max_length=100) [static]
```

The course code.

8.3.3.2 `course_logo`

```
instructor.models.Course.course_logo = models.FileField(default=1) [static]
```

The course logo.

8.3.3.3 instructor

```
instructor.models.Course.instructor = models.ForeignKey(Instructor, on_delete=models.CASCADE)  
[static]
```

The instructor of the course.

8.3.3.4 name

```
instructor.models.Course.name = models.CharField(max_length=100) [static]
```

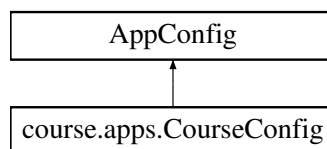
The name of the course.

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

- [courspace/instructor/models.py](#)

8.4 course.apps.CourseConfig Class Reference

Inheritance diagram for course.apps.CourseConfig:



Static Public Attributes

- string [name](#) = 'course'

8.4.1 Member Data Documentation

8.4.1.1 name

```
string course.apps.CourseConfig.name = 'course' [static]
```

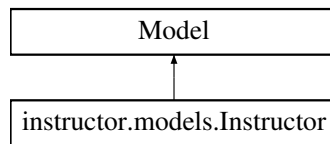
The documentation for this class was generated from the following file:

- [courspace/course/apps.py](#)

8.5 instructor.models.Instructor Class Reference

This class represents the instructors enrolled in the website.

Inheritance diagram for instructor.models.Instructor:



Public Member Functions

- `def __str__(self)`
This function returns the string representation of the instructor class.

Static Public Attributes

- `user = models.ForeignKey(User, default=1)`
The user associated with the instructor.
- `name = models.CharField(max_length=100)`
The name of the instructor.
- `information = models.CharField(max_length=1000,default=1)`
The information about the instructor.

8.5.1 Detailed Description

This class represents the instructors enrolled in the website.

8.5.2 Member Function Documentation

8.5.2.1 __str__()

```
def instructor.models.Instructor.__str__(
    self )
```

This function returns the string representation of the instructor class.

Used by Django admin website to represent the instructor objects.

Parameters

<code>self</code>	The object pointer.
-------------------	---------------------

8.5.3 Member Data Documentation

8.5.3.1 information

```
instructor.models.Instructor.information = models.CharField(max_length=1000,default=1) [static]
```

The information about the instructor.

8.5.3.2 name

```
instructor.models.Instructor.name = models.CharField(max_length=100) [static]
```

The name of the instructor.

8.5.3.3 user

```
instructor.models.Instructor.user = models.ForeignKey(User, default=1) [static]
```

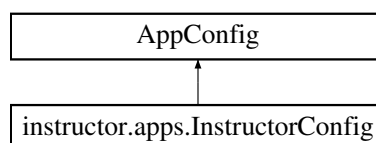
The user associated with the instructor.

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

- [courspace/instructor/models.py](#)

8.6 instructor.apps.InstructorConfig Class Reference

Inheritance diagram for instructor.apps.InstructorConfig:



Static Public Attributes

- string `name` = 'instructor'

8.6.1 Member Data Documentation

8.6.1.1 name

```
string instructor.apps.InstructorConfig.name = 'instructor' [static]
```

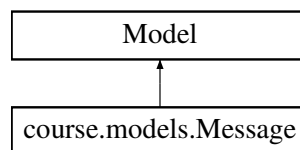
The documentation for this class was generated from the following file:

- [courspace/instructor/apps.py](#)

8.7 course.models.Message Class Reference

This class represents the messages displayed in the forum.

Inheritance diagram for `course.models.Message`:



Static Public Attributes

- `content` = `models.CharField(max_length=500)`
The content of message.
- `course` = `models.ForeignKey(Course,default=1,on_delete=None)`
The course associated with the message.
- `sender` = `models.ForeignKey(User,default=1, on_delete=None)`
The sender of the message.
- `time` = `models.CharField(max_length=100)`
The time when the message was posted.

8.7.1 Detailed Description

This class represents the messages displayed in the forum.

8.7.2 Member Data Documentation

8.7.2.1 content

```
course.models.Message.content = models.CharField(max_length=500) [static]
```

The content of message.

8.7.2.2 course

```
course.models.Message.course = models.ForeignKey(Course, default=1, on_delete=None) [static]
```

The course associated with the message.

8.7.2.3 sender

```
course.models.Message.sender = models.ForeignKey(User, default=1, on_delete=None) [static]
```

The sender of the message.

8.7.2.4 time

```
course.models.Message.time = models.CharField(max_length=100) [static]
```

The time when the message was posted.

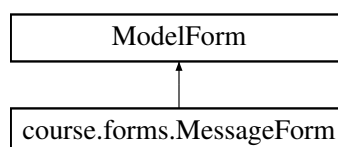
The documentation for this class was generated from the following file:

- `courspace/course/models.py`

8.8 course.forms.MessageForm Class Reference

This class represents the form to send a message in the forum.

Inheritance diagram for `course.forms.MessageForm`:



Classes

- class [Meta](#)

8.8.1 Detailed Description

This class represents the form to send a message in the forum.

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

- `courspace/course/forms.py`

8.9 instructor.forms.ResourceForm.Meta Class Reference

Static Public Attributes

- `model = Resources`
- list `fields = ['title', 'file_resource']`

8.9.1 Member Data Documentation

8.9.1.1 fields

```
list instructor.forms.ResourceForm.Meta.fields = ['title', 'file_resource'] [static]
```

8.9.1.2 model

```
instructor.forms.ResourceForm.Meta.model = Resources [static]
```

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

- `courspace/instructor/forms.py`

8.10 course.forms.SubmissionForm.Meta Class Reference

Static Public Attributes

- `model = Submission`
- list `fields = ['file_submitted', 'feedback']`

8.10.1 Member Data Documentation

8.10.1.1 fields

```
list course.forms.SubmissionForm.Meta.fields = ['file_submitted', 'feedback'] [static]
```

8.10.1.2 model

```
course.forms.SubmissionForm.Meta.model = Submission [static]
```

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

- [courspace/course/forms.py](#)

8.11 courspace.forms.UserRegistration.Meta Class Reference

Static Public Attributes

- [model](#) = [User](#)
- list [fields](#) = ['username', '[password](#)']

8.11.1 Member Data Documentation

8.11.1.1 fields

```
list courspace.forms.UserRegistration.Meta.fields = ['username', 'password'] [static]
```

8.11.1.2 model

```
courspace.forms.UserRegistration.Meta.model = User [static]
```

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

- [courspace/courspace/forms.py](#)

8.12 course.space.forms.StudentRegistration.Meta Class Reference

Static Public Attributes

- `model` = [Student](#)
- list `fields` = ['name', 'roll_no', 'course_list']

8.12.1 Member Data Documentation

8.12.1.1 fields

```
list course.space.forms.StudentRegistration.Meta.fields = ['name', 'roll_no', 'course_list']  
[static]
```

8.12.1.2 model

```
course.space.forms.StudentRegistration.Meta.model = Student [static]
```

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

- `course.space/course.space/forms.py`

8.13 instructor.forms.NotificationForm.Meta Class Reference

Static Public Attributes

- `model` = [Notification](#)
- list `fields` = ['content']

8.13.1 Member Data Documentation

8.13.1.1 fields

```
list instructor.forms.NotificationForm.Meta.fields = ['content'] [static]
```

8.13.1.2 model

```
instructor.forms.NotificationForm.Meta.model = Notification [static]
```

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

- [courspace/instructor/forms.py](#)

8.14 course.forms.MessageForm.Meta Class Reference

Static Public Attributes

- `model` = [Message](#)
- list `fields` = ['content']

8.14.1 Member Data Documentation

8.14.1.1 fields

```
list course.forms.MessageForm.Meta.fields = ['content'] [static]
```

8.14.1.2 model

```
course.forms.MessageForm.Meta.model = Message [static]
```

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

- [courspace/course/forms.py](#)

8.15 instructor.forms.AssignmentForm.Meta Class Reference

Static Public Attributes

- `model` = [Assignment](#)
- list `fields` = ['description', 'file', 'deadline']

8.15.1 Member Data Documentation

8.15.1.1 fields

```
list instructor.forms.AssignmentForm.Meta.fields = ['description', 'file', 'deadline'] [static]
```

8.15.1.2 model

```
instructor.forms.AssignmentForm.Meta.model = Assignment [static]
```

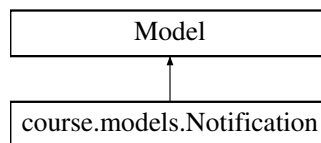
The documentation for this class was generated from the following file:

- [courspace/instructor/forms.py](#)

8.16 course.models.Notification Class Reference

This class represents the notifications received by the students.

Inheritance diagram for `course.models.Notification`:



Static Public Attributes

- `content` = `models.CharField(max_length=500)`
The content of notification.
- `course` = `models.ForeignKey(Course, default=1, on_delete=None)`
The course associated with the notification.
- `time` = `models.CharField(max_length=100)`
The time when the notification was posted/generated.

8.16.1 Detailed Description

This class represents the notifications received by the students.

8.16.2 Member Data Documentation

8.16.2.1 content

```
course.models.Notification.content = models.CharField(max_length=500) [static]
```

The content of notification.

8.16.2.2 course

```
course.models.Notification.course = models.ForeignKey(Course, default=1, on_delete=None) [static]
```

The course associated with the notification.

8.16.2.3 time

```
course.models.Notification.time = models.CharField(max_length=100) [static]
```

The time when the notification was posted/generated.

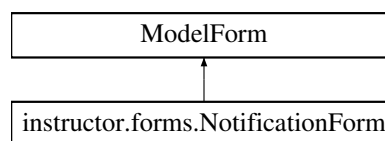
The documentation for this class was generated from the following file:

- [courspace/course/models.py](#)

8.17 instructor.forms.NotificationForm Class Reference

This class represents the form to add a notification.

Inheritance diagram for instructor.forms.NotificationForm:



Classes

- class [Meta](#)

8.17.1 Detailed Description

This class represents the form to add a notification.

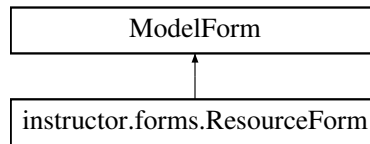
The documentation for this class was generated from the following file:

- [courspace/instructor/forms.py](#)

8.18 instructor.forms.ResourceForm Class Reference

This class represents the form to add a resource.

Inheritance diagram for instructor.forms.ResourceForm:



Classes

- class [Meta](#)

8.18.1 Detailed Description

This class represents the form to add a resource.

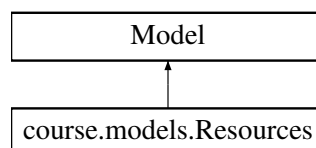
The documentation for this class was generated from the following file:

- `courspace/instructor/forms.py`

8.19 course.models.Resources Class Reference

This class represents the resources(lectures/study materials) for a course.

Inheritance diagram for course.models.Resources:



Static Public Attributes

- `file_resource` = `models.FileField(default=")`
The resource file.
- `title` = `models.CharField(max_length=100)`
The title for the resource.
- `course` = `models.ForeignKey(Course, default=1, on_delete=None)`
The course associated with the resource.

8.19.1 Detailed Description

This class represents the resources(lectures/study materials) for a course.

8.19.2 Member Data Documentation

8.19.2.1 course

```
course.models.Resources.course = models.ForeignKey(Course, default=1, on_delete=None) [static]
```

The course associated with the resource.

8.19.2.2 file_resource

```
course.models.Resources.file_resource = models.FileField(default='') [static]
```

The resource file.

8.19.2.3 title

```
course.models.Resources.title = models.CharField(max_length=100) [static]
```

The title for the resource.

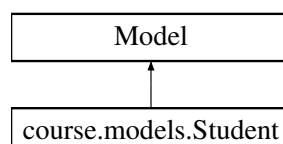
The documentation for this class was generated from the following file:

- `courspace/course/models.py`

8.20 course.models.Student Class Reference

This class represents the students enrolled in the website.

Inheritance diagram for `course.models.Student`:



Public Member Functions

- `def __str__(self)`
This function returns the string representation of the student class.

Static Public Attributes

- `user = models.ForeignKey(User, default=1)`
The user associated with the student.
- `name = models.CharField(max_length=100)`
The name of the student.
- `roll_no = models.CharField(max_length=100)`
The roll number the student.
- `course_list = models.ManyToManyField(Course)`
The courses undertaken by the student.

8.20.1 Detailed Description

This class represents the students enrolled in the website.

8.20.2 Member Function Documentation

8.20.2.1 __str__()

```
def course.models.Student.__str__ (
    self )
```

This function returns the string representation of the student class.

Used by Django admin website to represent the [Student](#) objects.

Parameters

<i>self</i>	The object pointer.
-------------	---------------------

8.20.3 Member Data Documentation

8.20.3.1 course_list

```
course.models.Student.course_list = models.ManyToManyField(Course) [static]
```

The courses undertaken by the student.

8.20.3.2 name

```
course.models.Student.name = models.CharField(max_length=100) [static]
```

The name of the student.

8.20.3.3 roll_no

```
course.models.Student.roll_no = models.CharField(max_length=100) [static]
```

The roll number the student.

8.20.3.4 user

```
course.models.Student.user = models.ForeignKey(User, default=1) [static]
```

The user associated with the student.

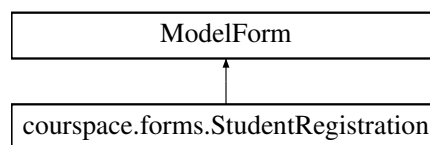
The documentation for this class was generated from the following file:

- [courspace/course/models.py](#)

8.21 courspace.forms.StudentRegistration Class Reference

This class represents the form to register a student.

Inheritance diagram for `courspace.forms.StudentRegistration`:



Classes

- class [Meta](#)

8.21.1 Detailed Description

This class represents the form to register a student.

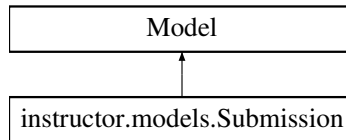
The documentation for this class was generated from the following file:

- [courspace/courspace/forms.py](#)

8.22 instructor.models.Submission Class Reference

This class represents the submissions for an assignment.

Inheritance diagram for instructor.models.Submission:



Static Public Attributes

- `file_submitted` = `models.FileField(default="")`
The file submitted by student.
- `time_submitted` = `models.CharField(max_length=100)`
The date,time of uploading the submission.
- `user` = `models.ForeignKey(User, default=1)`
The user associated with the submission(who uploaded the submission)
- `assignment` = `models.ForeignKey(Assignment, default=1)`
The assignment associated with the submission.
- list `CHOICES` = `[(i+1, i+1) for i in range(10)]`
- `feedback` = `models.IntegerField(choices=CHOICES)`
The feedback given to the assignment by the student while uploading the submission.

8.22.1 Detailed Description

This class represents the submissions for an assignment.

8.22.2 Member Data Documentation

8.22.2.1 assignment

```
instructor.models.Submission.assignment = models.ForeignKey(Assignment, default=1) [static]
```

The assignment associated with the submission.

8.22.2.2 CHOICES

```
list instructor.models.Submission.CHOICES = [(i+1, i+1) for i in range(10)] [static]
```

8.22.2.3 feedback

```
instructor.models.Submission.feedback = models.IntegerField(choices=CHOICES) [static]
```

The feedback given to the assignment by the student while uploading the submission.

8.22.2.4 file_submitted

```
instructor.models.Submission.file_submitted = models.FileField(default='') [static]
```

The file submitted by student.

8.22.2.5 time_submitted

```
instructor.models.Submission.time_submitted = models.CharField(max_length=100) [static]
```

The date,time of uploading the submission.

8.22.2.6 user

```
instructor.models.Submission.user = models.ForeignKey(User, default=1) [static]
```

The user associated with the submission(who uploaded the submission)

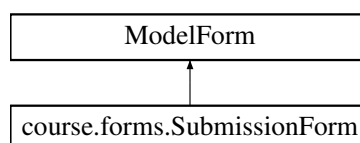
The documentation for this class was generated from the following file:

- [courspace/instructor/models.py](#)

8.23 course.forms.SubmissionForm Class Reference

This class represents the form to add a submission for an assignment.

Inheritance diagram for course.forms.SubmissionForm:



Classes

- class [Meta](#)

8.23.1 Detailed Description

This class represents the form to add a submission for an assignment.

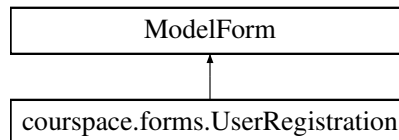
The documentation for this class was generated from the following file:

- `courspace/course/forms.py`

8.24 `courspace.forms.UserRegistration` Class Reference

This class represents the form to register a user.

Inheritance diagram for `courspace.forms.UserRegistration`:



Classes

- class [Meta](#)

Static Public Attributes

- `password` = `forms.CharField(widget=forms.PasswordInput)`

8.24.1 Detailed Description

This class represents the form to register a user.

8.24.2 Member Data Documentation

8.24.2.1 `password`

```
courspace.forms.UserRegistration.password = forms.CharField(widget=forms.PasswordInput) [static]
```

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

- `courspace/courspace/forms.py`

Chapter 9

File Documentation

9.1 `courspace/course/__init__.py` File Reference

Namespaces

- [course](#)

9.2 `courspace/instructor/__init__.py` File Reference

Namespaces

- [instructor](#)

9.3 `courspace/courspace/__init__.py` File Reference

Namespaces

- [courspace](#)

9.4 `courspace/course/admin.py` File Reference

Namespaces

- [course.admin](#)

9.5 `courspace/instructor/admin.py` File Reference

Namespaces

- [instructor.admin](#)

9.6 course/course/apps.py File Reference

Classes

- class [course.apps.CourseConfig](#)

Namespaces

- [course.apps](#)

9.7 course/instructor/apps.py File Reference

Classes

- class [instructor.apps.InstructorConfig](#)

Namespaces

- [instructor.apps](#)

9.8 course/course/forms.py File Reference

Classes

- class [course.forms.MessageForm](#)
This class represents the form to send a message in the forum.
- class [course.forms.MessageForm.Meta](#)
- class [course.forms.SubmissionForm](#)
This class represents the form to add a submission for an assignment.
- class [course.forms.SubmissionForm.Meta](#)

Namespaces

- [course.forms](#)

9.9 course/instructor/forms.py File Reference

Classes

- class [instructor.forms.NotificationForm](#)
This class represents the form to add a notification.
- class [instructor.forms.NotificationForm.Meta](#)
- class [instructor.forms.AssignmentForm](#)
This class represents the form to add an assignment.
- class [instructor.forms.AssignmentForm.Meta](#)
- class [instructor.forms.ResourceForm](#)
This class represents the form to add a resource.
- class [instructor.forms.ResourceForm.Meta](#)

Namespaces

- [instructor.forms](#)

9.10 courspace/courspace/forms.py File Reference

Classes

- class [courspace.forms.UserRegistration](#)
This class represents the form to register a user.
- class [courspace.forms.UserRegistration.Meta](#)
- class [courspace.forms.StudentRegistration](#)
This class represents the form to register a student.
- class [courspace.forms.StudentRegistration.Meta](#)

Namespaces

- [courspace.forms](#)

9.11 courspace/course/models.py File Reference

Classes

- class [course.models.Student](#)
This class represents the students enrolled in the website.
- class [course.models.Message](#)
This class represents the messages displayed in the forum.
- class [course.models.Notification](#)
This class represents the notifications received by the students.
- class [course.models.Resources](#)
This class represents the resources(lectures/study materials) for a course.

Namespaces

- [course.models](#)

9.12 courspace/instructor/models.py File Reference

Classes

- class [instructor.models.Instructor](#)
This class represents the instructors enrolled in the website.
- class [instructor.models.Course](#)
This class represents the courses.
- class [instructor.models.Assignment](#)
This class represents the assignments in a course.
- class [instructor.models.Submission](#)
This class represents the submissions for an assignment.

Namespaces

- [instructor.models](#)

9.13 courspace/course/tests.py File Reference

Namespaces

- [course.tests](#)

9.14 courspace/instructor/tests.py File Reference

Namespaces

- [instructor.tests](#)

9.15 courspace/course/urls.py File Reference

Namespaces

- [course.urls](#)

Variables

- list [course.urls.urlpatterns](#)
url patterns for the course app.

9.16 courspace/instructor/urls.py File Reference

Namespaces

- [instructor.urls](#)

9.17 courspace/courspace/urls.py File Reference

Namespaces

- [courspace.urls](#)

Variables

- list [courspace.urls.urlpatterns](#)
url patterns for the website.
- [courspace.urls.STATIC_URL](#)
- [courspace.urls.document_root](#)
- [courspace.urls.MEDIA_URL](#)

9.18 courspace/course/views.py File Reference

Namespaces

- [course.views](#)

Functions

- def [course.views.index](#) (request)
view for the index page of the student.
- def [course.views.detail](#) (request, course_id)
view for the detail page of the course.
- def [course.views.view_assignments](#) (request, course_id)
view for the assignments page of a course.
- def [course.views.view_resources](#) (request, course_id)
view for the resources page of a course.
- def [course.views.upload_submission](#) (request, assignment_id)
view for the assignment's submission page.

9.19 courspace/instructor/views.py File Reference

Namespaces

- [instructor.views](#)

Functions

- def [instructor.views.instructor_index](#) (request)
view for the index page of the instructor.
- def [instructor.views.instructor_detail](#) (request, course_id)
view for the detail page of the course.
- def [instructor.views.add_notification](#) (request, course_id)
view for the course's add-notification page
- def [instructor.views.add_assignment](#) (request, course_id)
view for the course's add-assignment page.
- def [instructor.views.add_resource](#) (request, course_id)
view for the course's add-resource page.
- def [instructor.views.view_all_assignments](#) (request, course_id)
view for the assignments page of a course.
- def [instructor.views.view_all_submissions](#) (request, assignment_id)
view for the submissions page of an assignment.
- def [instructor.views.view_feedback](#) (request, assignment_id)
view for the feedback page containing an histogram of all the feddbacks provided by the students.

9.20 courspace/courspace/views.py File Reference

Namespaces

- [courspace.views](#)

Functions

- def [courspace.views.login_user](#) (request)
view for the login page of the website.
- def [courspace.views.register_user](#) (request)
view for the registration page for students to register themselves.
- def [courspace.views.logout_user](#) (request)
view for the logout page.

9.21 courspace/courspace/settings.py File Reference

Namespaces

- [courspace.settings](#)

Variables

- [courspace.settings.BASE_DIR](#) = os.path.dirname(os.path.dirname(os.path.abspath(__file__)))
- string [courspace.settings.SECRET_KEY](#) = '_-#leu=@3uv9d\$@^k1zj*a_d(+w^_=7v8(fu-j_8t@hw@btntk'
- bool [courspace.settings.DEBUG](#) = True
- list [courspace.settings.ALLOWED_HOSTS](#) = []
- list [courspace.settings.INSTALLED_APPS](#)
- list [courspace.settings.MIDDLEWARE](#)
- string [courspace.settings.ROOT_URLCONF](#) = 'courspace.urls'
- list [courspace.settings.TEMPLATES](#)
- string [courspace.settings.WSGI_APPLICATION](#) = 'courspace.wsgi.application'
- dictionary [courspace.settings.DATABASES](#)
- list [courspace.settings.AUTH_PASSWORD_VALIDATORS](#)
- string [courspace.settings.LANGUAGE_CODE](#) = 'en-us'
- string [courspace.settings.TIME_ZONE](#) = 'Asia/Kolkata'
- bool [courspace.settings.USE_I18N](#) = True
- bool [courspace.settings.USE_L10N](#) = True
- bool [courspace.settings.USE_TZ](#) = True
- string [courspace.settings.STATIC_URL](#) = '/static/'
- [courspace.settings.MEDIA_ROOT](#) = os.path.join(BASE_DIR, 'media')
- string [courspace.settings.MEDIA_URL](#) = '/media/'

9.22 courspace/courspace/wsgi.py File Reference

Namespaces

- [courspace.wsgi](#)

Variables

- [courspace.wsgi.application](#) = `get_wsgi_application()`

9.23 courspace/mainpage.dox File Reference

9.24 courspace/manage.py File Reference

Namespaces

- [manage](#)

Index

- `__str__`
 - `course::models::Student`, 46
 - `instructor::models::Course`, 32
 - `instructor::models::Instructor`, 34
- `ALLOWED_HOSTS`
 - `courspace::settings`, 17
- `AUTH_PASSWORD_VALIDATORS`
 - `courspace::settings`, 17
- `add_assignment`
 - `instructor::views`, 25
- `add_notification`
 - `instructor::views`, 25
- `add_resource`
 - `instructor::views`, 25
- `application`
 - `courspace::wsgi`, 23
- `assignment`
 - `instructor::models::Submission`, 48
- `BASE_DIR`
 - `courspace::settings`, 18
- `CHOICES`
 - `instructor::models::Submission`, 48
- `code`
 - `instructor::models::Course`, 32
- `content`
 - `course::models::Message`, 36
 - `course::models::Notification`, 42
- `course`, 13
 - `course::models::Message`, 37
 - `course::models::Notification`, 43
 - `course::models::Resources`, 45
 - `instructor::models::Assignment`, 29
- `course.admin`, 13
- `course.apps`, 13
- `course.apps.CourseConfig`, 33
- `course.forms`, 13
- `course.forms.MessageForm`, 37
- `course.forms.MessageForm.Meta`, 41
- `course.forms.SubmissionForm`, 49
- `course.forms.SubmissionForm.Meta`, 38
- `course.models`, 14
- `course.models.Message`, 36
- `course.models.Notification`, 44
- `course.models.Resources`, 44
- `course.models.Student`, 45
- `course.tests`, 14
- `course.urls`, 14
- `course.views`, 15
- `course::apps::CourseConfig`
 - `name`, 33
- `course::forms::MessageForm::Meta`
 - `fields`, 41
 - `model`, 41
- `course::forms::SubmissionForm::Meta`
 - `fields`, 39
 - `model`, 39
- `course::models::Message`
 - `content`, 36
 - `course`, 37
 - `sender`, 37
 - `time`, 37
- `course::models::Notification`
 - `content`, 42
 - `course`, 43
 - `time`, 43
- `course::models::Resources`
 - `course`, 45
 - `file_resource`, 45
 - `title`, 45
- `course::models::Student`
 - `__str__`, 46
 - `course_list`, 46
 - `name`, 46
 - `roll_no`, 47
 - `user`, 47
- `course::urls`
 - `urlpatterns`, 14
- `course::views`
 - `detail`, 15
 - `index`, 15
 - `upload_submission`, 15
 - `view_assignments`, 15
 - `view_resources`, 16
- `course_list`
 - `course::models::Student`, 46
- `course_logo`
 - `instructor::models::Course`, 32
- `courspace`, 16
- `courspace.forms`, 16
- `courspace.forms.StudentRegistration`, 47
- `courspace.forms.StudentRegistration.Meta`, 40
- `courspace.forms.UserRegistration`, 50
- `courspace.forms.UserRegistration.Meta`, 39
- `courspace.settings`, 17
- `courspace.urls`, 21
- `courspace.views`, 22

- courspace.wsgi, 23
- courspace/course/__init__.py, 51
- courspace/course/admin.py, 51
- courspace/course/apps.py, 52
- courspace/course/forms.py, 52
- courspace/course/models.py, 53
- courspace/course/tests.py, 54
- courspace/course/urls.py, 54
- courspace/course/views.py, 55
- courspace/courspace/__init__.py, 51
- courspace/courspace/forms.py, 53
- courspace/courspace/settings.py, 56
- courspace/courspace/urls.py, 54
- courspace/courspace/views.py, 56
- courspace/courspace/wsgi.py, 56
- courspace/instructor/__init__.py, 51
- courspace/instructor/admin.py, 51
- courspace/instructor/apps.py, 52
- courspace/instructor/forms.py, 52
- courspace/instructor/models.py, 53
- courspace/instructor/tests.py, 54
- courspace/instructor/urls.py, 54
- courspace/instructor/views.py, 55
- courspace/mainpage.dox, 57
- courspace/manage.py, 57
- courspace::forms::StudentRegistration::Meta
 - fields, 40
 - model, 40
- courspace::forms::UserRegistration
 - password, 50
- courspace::forms::UserRegistration::Meta
 - fields, 39
 - model, 39
- courspace::settings
 - ALLOWED_HOSTS, 17
 - AUTH_PASSWORD_VALIDATORS, 17
 - BASE_DIR, 18
 - DATABASES, 18
 - DEBUG, 18
 - INSTALLED_APPS, 18
 - LANGUAGE_CODE, 19
 - MEDIA_ROOT, 19
 - MEDIA_URL, 19
 - MIDDLEWARE, 19
 - ROOT_URLCONF, 19
 - SECRET_KEY, 20
 - STATIC_URL, 20
 - TEMPLATES, 20
 - TIME_ZONE, 20
 - USE_I18N, 20
 - USE_L10N, 20
 - USE_TZ, 21
 - WSGI_APPLICATION, 21
- courspace::urls
 - document_root, 21
 - MEDIA_URL, 21
 - STATIC_URL, 21
 - urlpatterns, 22
- courspace::views
 - login_user, 22
 - logout_user, 22
 - register_user, 23
- courspace::wsgi
 - application, 23
- DATABASES
 - courspace::settings, 18
- DEBUG
 - courspace::settings, 18
- deadline
 - instructor::models::Assignment, 30
- description
 - instructor::models::Assignment, 30
- detail
 - course::views, 15
- document_root
 - courspace::urls, 21
- feedback
 - instructor::models::Submission, 48
- fields
 - course::forms::MessageForm::Meta, 41
 - course::forms::SubmissionForm::Meta, 39
 - courspace::forms::StudentRegistration::Meta, 40
 - courspace::forms::UserRegistration::Meta, 39
 - instructor::forms::AssignmentForm::Meta, 41
 - instructor::forms::NotificationForm::Meta, 40
 - instructor::forms::ResourceForm::Meta, 38
- file
 - instructor::models::Assignment, 30
- file_resource
 - course::models::Resources, 45
- file_submitted
 - instructor::models::Submission, 49
- INSTALLED_APPS
 - courspace::settings, 18
- index
 - course::views, 15
- information
 - instructor::models::Instructor, 35
- instructor, 24
 - instructor::models::Course, 32
- instructor.admin, 24
- instructor.apps, 24
- instructor.apps.InstructorConfig, 35
- instructor.forms, 24
- instructor.forms.AssignmentForm, 31
- instructor.forms.AssignmentForm.Meta, 41
- instructor.forms.NotificationForm, 43
- instructor.forms.NotificationForm.Meta, 40
- instructor.forms.ResourceForm, 44
- instructor.forms.ResourceForm.Meta, 38
- instructor.models, 24
- instructor.models.Assignment, 29
- instructor.models.Course, 31
- instructor.models.Instructor, 34

- instructor.models.Submission, 48
- instructor.tests, 25
- instructor.urls, 25
- instructor.views, 25
- instructor::apps::InstructorConfig
 - name, 36
- instructor::forms::AssignmentForm::Meta
 - fields, 41
 - model, 42
- instructor::forms::NotificationForm::Meta
 - fields, 40
 - model, 40
- instructor::forms::ResourceForm::Meta
 - fields, 38
 - model, 38
- instructor::models::Assignment
 - course, 29
 - deadline, 30
 - description, 30
 - file, 30
 - post_time, 30
- instructor::models::Course
 - __str__, 32
 - code, 32
 - course_logo, 32
 - instructor, 32
 - name, 33
- instructor::models::Instructor
 - __str__, 34
 - information, 35
 - name, 35
 - user, 35
- instructor::models::Submission
 - assignment, 48
 - CHOICES, 48
 - feedback, 48
 - file_submitted, 49
 - time_submitted, 49
 - user, 49
- instructor::views
 - add_assignment, 25
 - add_notification, 25
 - add_resource, 25
 - instructor_detail, 26
 - instructor_index, 26
 - view_all_assignments, 26
 - view_all_submissions, 26
 - view_feedback, 26
- instructor_detail
 - instructor::views, 26
- instructor_index
 - instructor::views, 26
- LANGUAGE_CODE
 - courspace::settings, 19
- login_user
 - courspace::views, 22
- logout_user
 - courspace::views, 22
- MEDIA_ROOT
 - courspace::settings, 19
- MEDIA_URL
 - courspace::settings, 19
 - courspace::urls, 21
- MIDDLEWARE
 - courspace::settings, 19
- manage, 27
- model
 - course::forms::MessageForm::Meta, 41
 - course::forms::SubmissionForm::Meta, 39
 - courspace::forms::StudentRegistration::Meta, 40
 - courspace::forms::UserRegistration::Meta, 39
 - instructor::forms::AssignmentForm::Meta, 42
 - instructor::forms::NotificationForm::Meta, 40
 - instructor::forms::ResourceForm::Meta, 38
- name
 - course::apps::CourseConfig, 33
 - course::models::Student, 46
 - instructor::apps::InstructorConfig, 36
 - instructor::models::Course, 33
 - instructor::models::Instructor, 35
- password
 - courspace::forms::UserRegistration, 50
- post_time
 - instructor::models::Assignment, 30
- ROOT_URLCONF
 - courspace::settings, 19
- register_user
 - courspace::views, 23
- roll_no
 - course::models::Student, 47
- SECRET_KEY
 - courspace::settings, 20
- STATIC_URL
 - courspace::settings, 20
 - courspace::urls, 21
- sender
 - course::models::Message, 37
- TEMPLATES
 - courspace::settings, 20
- TIME_ZONE
 - courspace::settings, 20
- time
 - course::models::Message, 37
 - course::models::Notification, 43
- time_submitted
 - instructor::models::Submission, 49
- title
 - course::models::Resources, 45
- USE_I18N
 - courspace::settings, 20
- USE_L10N
 - courspace::settings, 20

USE_TZ
 courspace::settings, [21](#)
upload_submission
 course::views, [15](#)
urlpatterns
 course::urls, [14](#)
 courspace::urls, [22](#)
user
 course::models::Student, [47](#)
 instructor::models::Instructor, [35](#)
 instructor::models::Submission, [49](#)

view_all_assignments
 instructor::views, [26](#)
view_all_submissions
 instructor::views, [26](#)
view_assignments
 course::views, [15](#)
view_feedback
 instructor::views, [26](#)
view_resources
 course::views, [16](#)

WSGI_APPLICATION
 courspace::settings, [21](#)