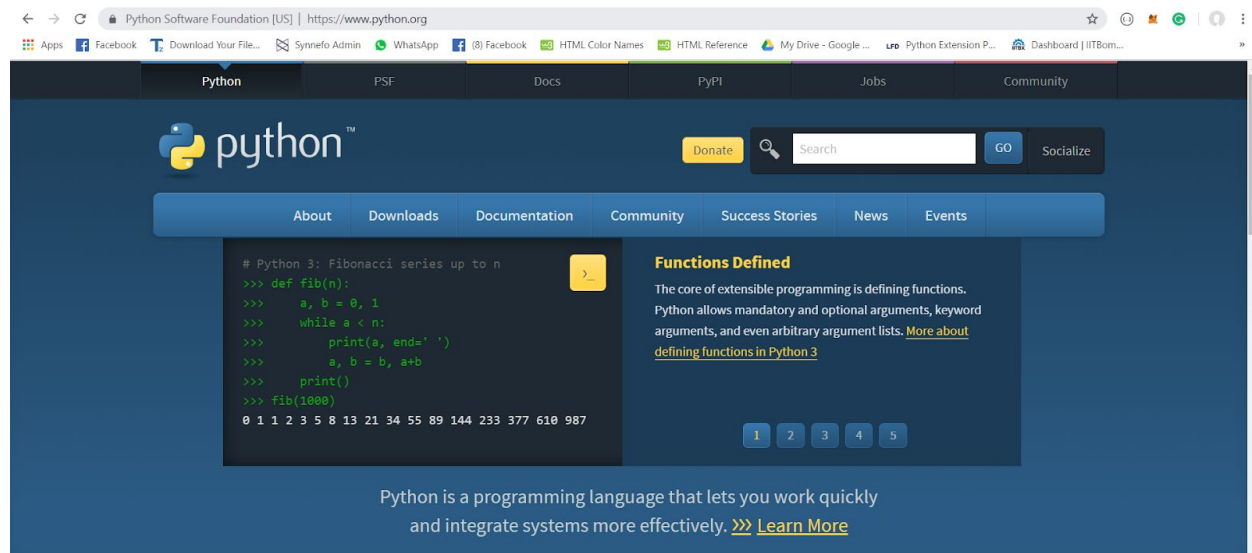


Building a Blog using Django-CMS

Requirements

1] Python



2] Django-cms package

Build

```
PRIYAM SHAH@LAPTOP-P8R0T729 MINGW64 ~ (master)
$ git clone https://github.com/priyamshah112/Project-Descripton-Blog.git
Cloning into 'Project-Descripton-Blog'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.

PRIYAM SHAH@LAPTOP-P8R0T729 MINGW64 ~ (master)
$ cd Project-Descripton-Blog/

PRIYAM SHAH@LAPTOP-P8R0T729 MINGW64 ~/Project-Descripton-Blog (master)
$ ls
LICENSE
```

```
PRIYAM SHAH@LAPTOP-P8R0T729 MINGW64 ~/Project-Descripton-Blog (master)
$ virtualenv tech_project
Using base prefix 'c:\\python 3.6'
New python executable in C:\Users\PRIYAM~1\PROJEC~1\TECH_P~1\Scripts\python.exe
Installing setuptools, pip, wheel...done.
```

```
PRIYAM SHAH@LAPTOP-P8R0T729 MINGW64 ~/Project-Descripton-Blog (master)
$ source tech_project/Scripts/activate
(TECH_P~1)
```

Install.djangocms-installer

```
PRIYAM SHAH@LAPTOP-P8R0T729 MINGW64 ~/Project-Descripton-Blog (master)
$ pip install.djangocms-installer
Collecting.djangocms-installer
  Downloading https://files.pythonhosted.org/packages/b9/32/882c86fd8efe8c1bb802f04a8ed649e8b74ff77a83f4201b37073c6d9b8f/djangocms_installer-1.1.0-py2.py3-none-any.whl (55kB)
Collecting dj-database-url>=0.4 (from.djangocms-installer)
  Downloading https://files.pythonhosted.org/packages/d4/a6/4b8578c1848690d0c307c7c0596af2077536c9ef2a04d42b00fabaa7e49d/dj_database_url-0.5.0-py2.py3-none-any.whl
Requirement already satisfied: pip in c:\users\priyam~1\projec~1\tech_p~1\lib\site-packages (from.djangocms-installer) (19.0.3)
Collecting six (from.djangocms-installer)
  Downloading https://files.pythonhosted.org/packages/73/fb/00a976f728d0d1fecfe898238ce23f502a721c0ac0ecfedb80e0d88c64e9/six-1.12.0-py2.py3-none-any.whl
Collecting tzlocal (from.djangocms-installer)
  Downloading https://files.pythonhosted.org/packages/cb/89/e3687d3ed99bc882793f82634e9824e62499fd9dc4b1ae39e211c5b05017/tzlocal-1.5.1.tar.gz
Collecting pytz (from tzlocal->djangocms-installer)
  Downloading https://files.pythonhosted.org/packages/61/28/1d3920e4d1d50b19bc5d24398a7cd85cc7b9a75a490570d5a30c57622d34/pytz-2018.9-py2.py3-none-any.whl (510kB)
Building wheels for collected packages: tzlocal
  Building wheel for tzlocal (setup.py): started
  Building wheel for tzlocal (setup.py): finished with status 'done'
  Stored in directory: C:\Users\PRIYAM SHAH\AppData\Local\pip\Cache\wheels\15\ae\df\ae67bf1ed84e9bf230187d36d8dcfd30072bea0236cb059ed91
Successfully built tzlocal
Installing collected packages: dj-database-url, six, pytz, tzlocal,.djangocms-installer
Successfully installed dj-database-url-0.5.0.djangocms-installer-1.1.0.pytz-2018.9.six-1.12.0.tzlocal-1.5.1
(TECH_P~1)
```

Create Project (Blog) and Module (TechBlog)

```
(tech_project) priyam@priyam-Lenovo-Ideapad-500-15ISK:~/Project-Descripton-Blog$ django cms -p Blog TechBlog
Creating the project
Please wait while I install dependencies
If I am stuck for a long time check for connectivity / PyPI Issues
DEPRECATION: Python 2.7 will reach the end of its life on January 1st, 2020. Please upgrade your Python as Python 2.7 won't be maintained after that date. A future version of pip will drop support for Python 2.7

Dependencies installed
Creating the project
Operations to perform:
  Apply all migrations: admin, auth, cms, contenttypes, django cms_column, django cms_file, django cms_googlenap, django cms_link, django cms_picture, django cms_snippet, django cms_style, django cms_text_ckeditor, django cms_video, easy_thumbnails, filer, menus, sessions, sites
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
  Applying auth.0004_alter_user_username_opts... OK
  Applying auth.0005_alter_user_last_login_null... OK
  Applying auth.0006_require_contenttypes_0002... OK
  Applying auth.0007_alter_validators_add_error_messages... OK
  Applying auth.0008_alter_user_username_max_length... OK
  Applying sites.0001_initial... OK
  Applying cms.0001_initial... OK
  Applying cms.0002_auto_20140816_1918... OK
  Applying cms.0003_auto_20140926_2347... OK
  Applying cms.0004_auto_20140924_1038... OK
  Applying cms.0005_auto_20140924_1031... OK
  Applying cms.0006_auto_20140924_1110... OK
  Applying cms.0007_auto_20141028_1559... OK
  Applying cms.0008_auto_20150208_2145... OK
  Applying cms.0009_auto_20150121_0859... OK
  Applying cms.0009_merge... OK
  Applying cms.0010_migrate_use_structure... OK
  Applying cms.0011_auto_20150419_1006... OK
  Applying cms.0012_auto_20150607_2207... OK
  Applying cms.0013_urlconfrevision... OK
  Applying cms.0014_auto_20160404_1900... OK
  Applying cms.0015_auto_20160421_0000... OK
  Applying cms.0016_auto_20160608_1535... OK
  Applying cms.0017_pagetype... OK
  Applying cms.0018_create_pagenode... OK
  Applying cms.0019_set_pagenode... OK
  Applying cms.0020_old_tree_cleanup... OK
  Applying cms.0021_auto_20180807_1431... OK
  Applying cms.0022_auto_20180620_1551... OK
  Applying django cms_column.0001_initial... OK
  Applying django cms_column.0002_auto_20160915_0818... OK
  Applying filer.0001_initial... OK
  Applying filer.0002_auto_20150606_2003... OK
  Applying filer.0003_thumbnaillocation... OK
  Applying filer.0004_auto_20160328_1434... OK
  Applying filer.0005_auto_20160623_1425... OK
  Applying filer.0006_auto_20160623_1627... OK
  Applying django cms_file.0001_initial... OK
  Applying django cms_file.0002_auto_20151202_1551... OK
  Applying django cms_file.0003_remove_related_name_for_cmsplugin_ptr... OK
  Applying django cms_file.0004_set_related_name_for_cmsplugin_ptr... OK
  Applying django cms_file.0005_auto_20160119_1534... OK
  Applying django cms_file.0006_migrate_to_filer... OK
  Applying django cms_googlenap.0009_googlenapmarker_icon... OK
  Applying django cms_link.0001_initial... OK
  Applying django cms_link.0002_auto_20140929_1705... OK
  Applying django cms_link.0003_auto_20150212_1310... OK
  Applying django cms_link.0004_auto_20150708_1133... OK
  Applying django cms_link.0005_auto_20151003_1710... OK
  Applying django cms_link.0006_remove_related_name_for_cmsplugin_ptr... OK
  Applying django cms_link.0007_set_related_name_for_cmsplugin_ptr... OK
  Applying django cms_link.0008_link_attributes... OK
  Applying django cms_link.0009_auto_20160705_1344... OK
  Applying django cms_link.0010_adapted_fields... OK
  Applying django cms_link.0011_fix_null_values... OK
  Applying django cms_link.0012_remove_null... OK
  Applying django cms_link.0013_fix_hostname... OK
  Applying django cms_picture.0001_initial... OK
  Applying django cms_picture.0002_auto_20151018_1927... OK
  Applying django cms_picture.0003_migrate_to_filer... OK
  Applying django cms_picture.0004_adapt_fields... OK
  Applying django cms_picture.0005_reset_null_values... OK
  Applying django cms_picture.0006_remove_null_values... OK
  Applying django cms_picture.0007_fix_alignment... OK
  Applying django cms_picture.0008_picture_use_responsive_image... OK
  Applying django cms_snippet.0001_initial... OK
  Applying django cms_snippet.0002_snippet_slug... OK
  Applying django cms_snippet.0003_auto_data_fill_slug... OK
  Applying django cms_snippet.0004_auto_alter_slug_unique... OK
  Applying django cms_snippet.0005_set_related_name_for_cmsplugin_ptr... OK
  Applying django cms_snippet.0006_auto_20160831_0729... OK
  Applying django cms_snippet.0007_auto_alter_template_help_text... OK
  Applying django cms_style.0001_initial... OK
  Applying django cms_style.0002_set_related_name_for_cmsplugin_ptr... OK
  Applying django cms_style.0003_adapted_fields... OK
  Applying django cms_style.0004_use_positive_small_integer_field... OK
  Applying django cms_style.0005_reset_null_values... OK
  Applying django cms_style.0006_remove_null_fields... OK
  Applying django cms_style.0007_style_template... OK
  Applying django cms_text_ckeditor.0001_initial... OK
  Applying django cms_text_ckeditor.0002_remove_related_name_for_cmsplugin_ptr... OK
  Applying django cms_text_ckeditor.0003_set_related_name_for_cmsplugin_ptr... OK
  Applying django cms_text_ckeditor.0004_auto_20160706_1339... OK
  Applying django cms_video.0001_initial... OK
  Applying django cms_video.0002_set_related_name_for_cmsplugin_ptr... OK
  Applying django cms_video.0003_field_adaptions... OK
  Applying django cms_video.0004_move_to_attributes... OK
  Applying django cms_video.0005_migrate_to_filer... OK
  Applying django cms_video.0006_field_adaptions... OK
  Applying django cms_video.0007_create_nested_plugin... OK
  Applying django cms_video.0008_reset_null_values... OK
  Applying django cms_video.0009_remove_null_values... OK
  Applying django cms_video.0010_video_player_parameters... OK
  Applying easy_thumbnails.0001_initial... OK
  Applying easy_thumbnails.0002_thumbnail_dimensions... OK
  Applying filer.0008_auto_20171117_1313... OK
  Applying filer.0009_auto_20171220_1635... OK
  Applying filer.0010_auto_20180411_2058... OK
  Applying menus.0001_initial... OK
  Applying sessions.0001_initial... OK
  Applying sites.0002_alter_domain_unique... OK
Creating admin user
All done!
Get into ~/home/priyam/Project-Descripton-Blog/ Blog directory and type "python manage.py runserver" to start your project
(tech_project) priyam@priyam-Lenovo-Ideapad-500-15ISK:~/Project-Descripton-Blog$
```

```
(tech_project) priyam@priyam-Lenovo-ideapad-500-15ISK:~/Project-Descripton-Blog$ ls
Blog LICENSE tech_project
(tech_project) priyam@priyam-Lenovo-ideapad-500-15ISK:~/Project-Descripton-Blog$ cd Blog
(tech_project) priyam@priyam-Lenovo-ideapad-500-15ISK:~/Project-Descripton-Blog/Blog$
manage.py media project.db requirements.txt static TechBlog
(tech_project) priyam@priyam-Lenovo-ideapad-500-15ISK:~/Project-Descripton-Blog/Blog$
```


Start server

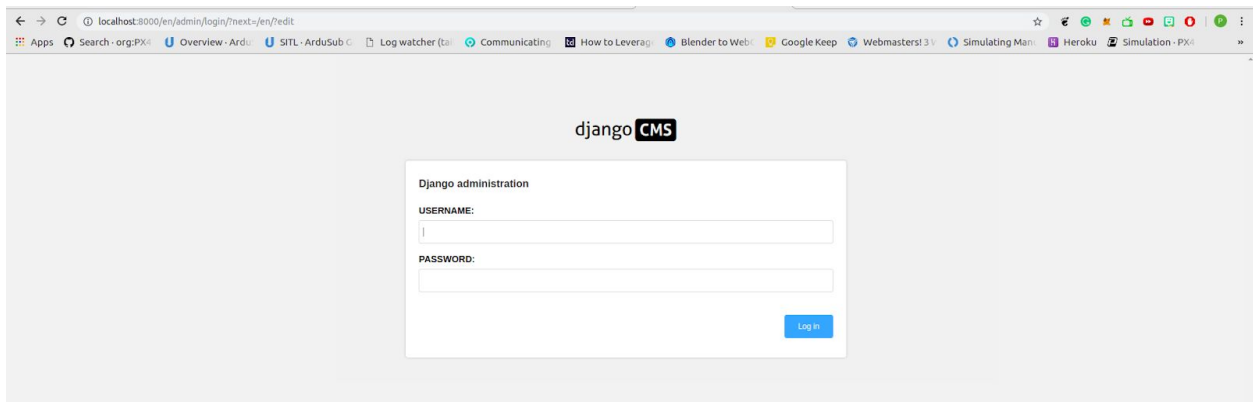
```
(tech_project) priyam@priyam-Lenovo-ideapad-500-15ISK:~/Project-Descripton-Blog/
Blog$ ./manage.py runserver
Performing system checks...

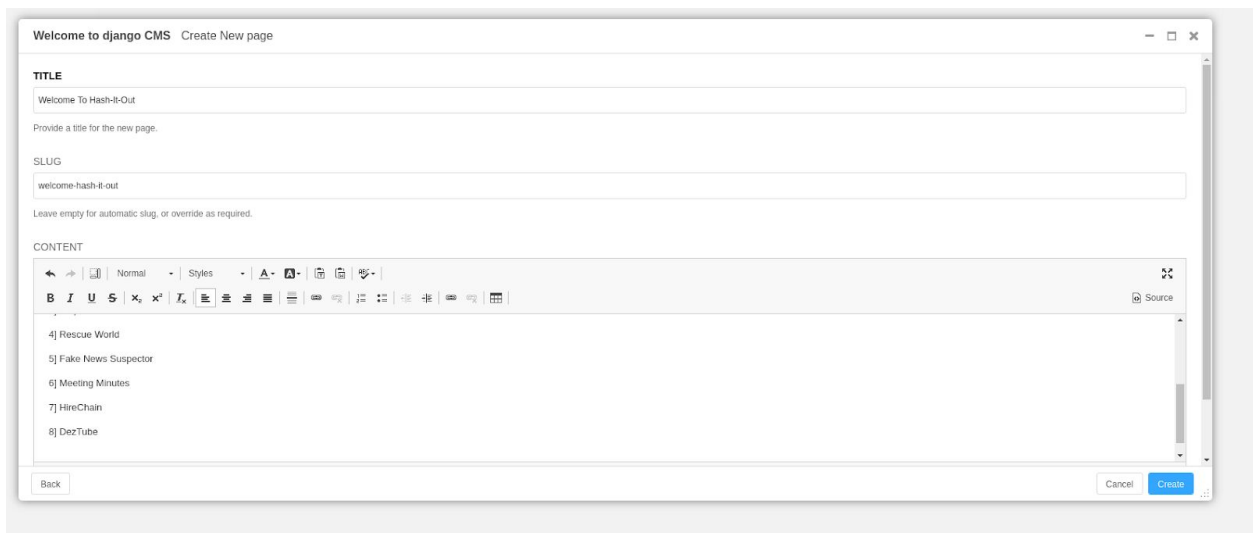
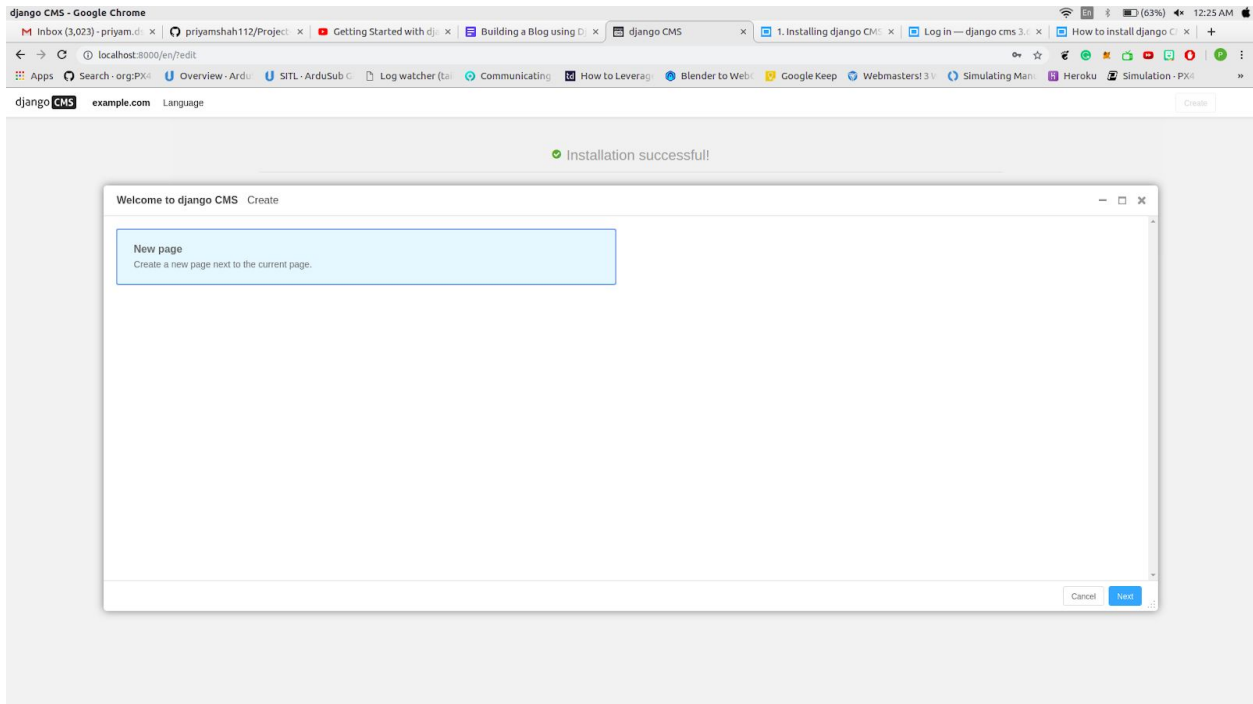
System check identified no issues (0 silenced).
March 09, 2019 - 00:10:35
Django version 1.11.20, using settings 'TechBlog.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
```

Create SuperUser

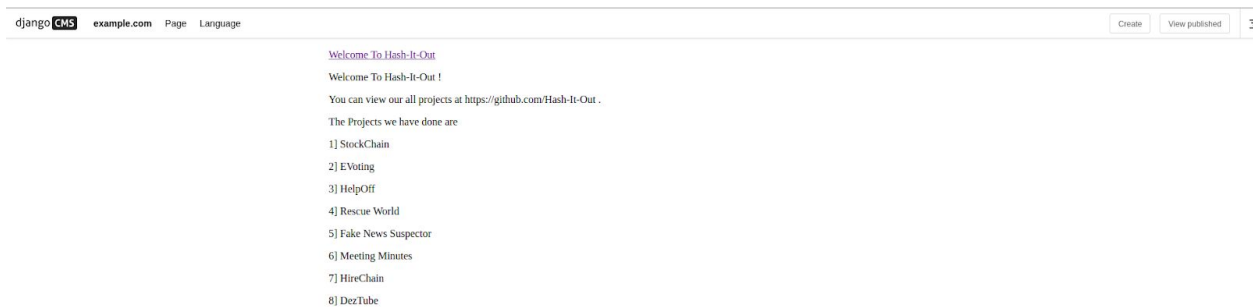
```
(tech_project) priyam@priyam-Lenovo-ideapad-500-15ISK:~/Project-Descripton-Blog/
Blog$ python manage.py createsuperuser
Username (leave blank to use 'priyam'): priyam
Email address: priyam.ds@somaiya.edu
Password:
Password (again):
Superuser created successfully.
```

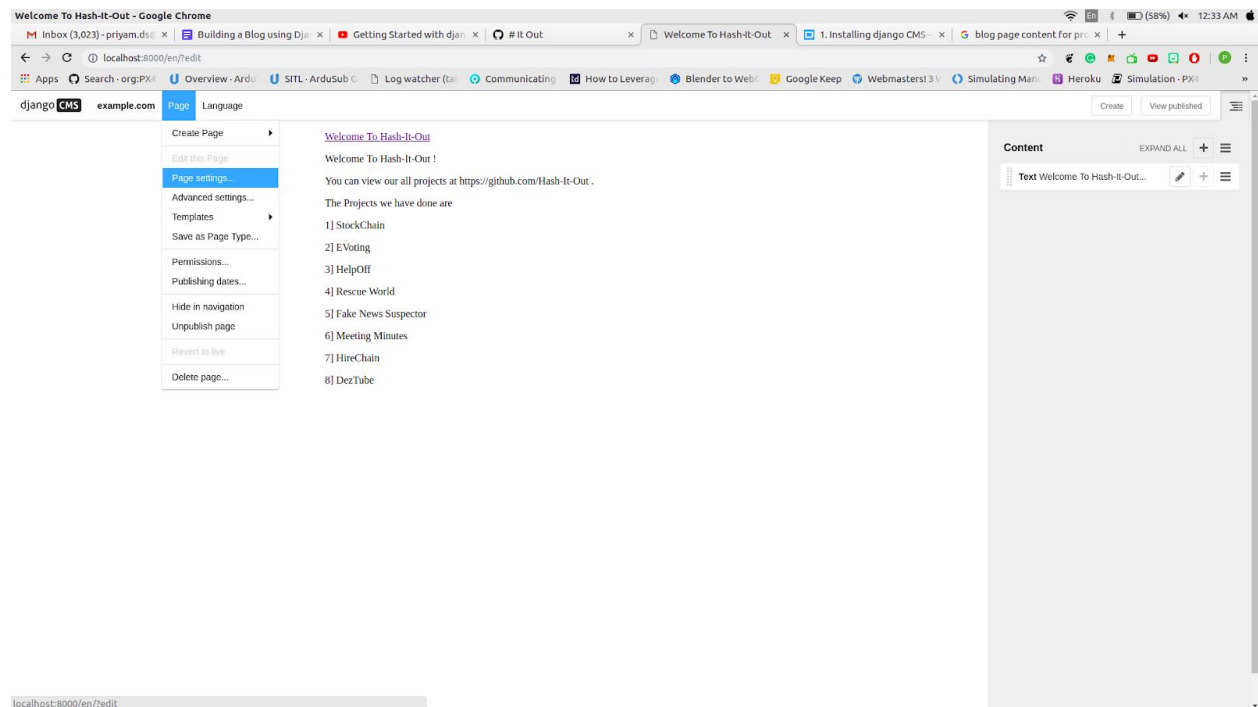
UI





Created Page





Start Bootstrap template

<https://startbootstrap.com/templates/modern-business/>