

## FillDocs

Softwares used:

1. Django 1.11 with python 3.6
2. MySQL Server version: 5.7.11-0ubuntu6
3. LibreOffice 5.1.6.2 10m0(Build:2)
4. Unzip

Procedure to add new Form

1. Convert the form into ODT format.

## 2. BACKEND

A form has more than one field to be filled.

- a. If a field is already present in the list of available fields, use the placeholder of that field at the place where the answer is to be written.
  - b. If the field is not present, create a new field placeholder of the format described below. If the Name of the newly created field is **fieldName**, the placeholder will be **+++fieldName+++** .
    - i. Add the newly created field name to the DumUser class in models.py file in filldocs/duminfo/ folder. Use appropriate fields like charfield etc. For adding widgets like datepicker, add the particulars as 'fieldname' : widget preference in the **widgetDict** present in ceti\_dict.py file found at /filldocs/filldocs/ directory.
    - ii. Add the dictionary entry of '**fieldName**' : '**+++fieldName+++**' to the **formPhDict** in ceti\_dict.py found at /filldocs/filldocs/ directory.
3. Add all the fields necessary for a form in the dictionary **necdict** found in eti\_dict.py found at /filldocs/filldocs/ directory. The dictionary entry must be of the format **formID: ( 'field1', 'field2',.... )** ie each form id will have a tuple of fields necessary for the form.
  4. In the admin side of the server, Add a certificate with the ID same as **formID**. The description and name of form is written here.

## 5. FrontEnd

To make a form viewable, In the forms.py file in the filldocs/duuminfo/ directory create a new class with name **DumUserForm <formID>** that uses the DumUser model, and  
fields = necdict[formId] and  
widget = getFormWidget.

6. Add the class used to the dictionary of **formDict** as **formID: Classname**.
7. Add the name of the form to be displayed in the final presentable format in the formname dictionary as formID: FormName.
8. Make migrations using *python manage.py makemigrations*
9. Migrate using *python manage.py migrate*