TCC Automation

Developer's Manual

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Chapter 4

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Chapter 5

Namespace Documentation

5.1 Automation Namespace Reference

Namespaces

- settings
- tcc
- urls

5.2 Automation.settings Namespace Reference

Variables

- DEBUG = True
- TEMPLATE_DEBUG = DEBUG
- tuple ADMINS
- MANAGERS = ADMINS
- dictionary DATABASES
- string TIME_ZONE = 'Asia/Kolkata'
- string LANGUAGE_CODE = 'en-us'
- int SITE_ID = 1
- string DEFAULT_FROM_EMAIL = 'user@host.com'
- string EMAIL_HOST = 'smtp.host.com'
- string EMAIL_HOST_USER = 'user@host.com'
- string EMAIL_HOST_PASSWORD = 'user@host.com'
- EMAIL_USE_TLS = True
- string EMAIL_PORT = "587"
- string SESSION_KEY = '_auth_user_id'
- string BACKEND_SESSION_KEY = '_auth_user_backend'
- USE_I18N = True
- USE_L10N = True
- string MEDIA_ROOT = '/usr/local/lib/python2.7/dist-packages/django/contrib/admin/media/'
- string STATIC_ROOT = 'mpath/Automation/static/'
- string LOCAL_URL = 'http://localhost/'
- string MEDIA_URL = '/media/'
- string STATIC_URL = '/static'
- string ADMIN_MEDIA_PREFIX = '/media/'
- string AUTH_PROFILE_MODULE = 'tcc.UserProfile'

- tuple STATICFILES_DIRS
- tuple STATICFILES_FINDERS
- string SECRET_KEY = '@3t%hg=e4%fuwrxhq#qm4gp!%0albmve6natdxiqoxcx8#8$wd'
- string EASY_MAPS_GOOGLE_KEY = "AIzaSyDRekokepCbXBsF7DC8uyR_95pikeWdPqc"
- tuple TEMPLATE_LOADERS
- tuple TEMPLATE_CONTEXT_PROCESSORS
- tuple MIDDLEWARE_CLASSES
- string ROOT_URLCONF = 'Automation.urls'
- tuple TEMPLATE_DIRS
- tuple INSTALLED_APPS
- int ACCOUNT_ACTIVATION_DAYS = 2
- string LOGIN_REDIRECT_URL = '/automation/tcc/index'

5.2.1 Variable Documentation

5.2.1.1 int Automation.settings.ACCOUNT_ACTIVATION_DAYS = 2

5.2.1.2 string Automation.settings.ADMIN_MEDIA_PREFIX = '/media/'

5.2.1.3 tuple Automation.settings.ADMINS

Initial value:

```
1 = (
2     #('Your Name', 'your_email@domain.com'),
3 )
```

5.2.1.4 string Automation.settings.AUTH_PROFILE_MODULE = 'tcc.UserProfile'

5.2.1.5 string Automation.settings.BACKEND_SESSION_KEY = '_auth_user_backend'

5.2.1.6 dictionary Automation.settings.DATABASES

Initial value:

```
1 = {
2     'default': {
3         'ENGINE': 'django.db.backends.mysql', # Add 'postgresql_psycopg2', 'postgresql', 'mysql', 'sqlite3'
       or 'oracle'.
4         'NAME': 'db_name',                      # Or path to database file if using sqlite3.
5         'USER': 'db_user',                      # Not used with sqlite3.
6         'PASSWORD': 'db_password',
7         'HOST': '',                      # Set to empty string for localhost. Not used with sqlite3.
8         'PORT': '',                      # Set to empty string for default. Not used with sqlite3.
9     }
10 }
```

5.2.1.7 Automation.settings.DEBUG = True

5.2.1.8 string Automation.settings.DEFAULT_FROM_EMAIL = 'user@host.com'

5.2.1.9 string Automation.settings.EASY_MAPS_GOOGLE_KEY = "AIzaSyDRekokepCbXBsF7DC8uyR_95pikeWdPqc"

5.2.1.10 string Automation.settings.EMAIL_HOST = 'smtp.host.com'

5.2.1.11 string Automation.settings.EMAIL_HOST_PASSWORD = 'user@host.com'

5.2.1.12 string Automation.settings.EMAIL_HOST_USER = 'user@host.com'

5.2.1.13 string Automation.settings.EMAIL_PORT = "587"

5.2.1.14 Automation.settings.EMAIL_USE_TLS = True

5.2.1.15 tuple Automation.settings.INSTALLED_APPS

Initial value:

```
1 = (
2     'django.contrib.auth',
3     'django.contrib.contenttypes',
4     'django.contrib.sessions',
5     'django.contrib.sites',
6     'django.contrib.messages',
7     'django.contrib.humanize',
8     # Uncomment the next line to enable the admin:
9     'django.contrib.admin',
10     'registration',
11     'Automation.tcc',
12     'Automation.report',
13     'tagging',
14 )
```

5.2.1.16 string Automation.settings.LANGUAGE_CODE = 'en-us'

5.2.1.17 string Automation.settings.LOCAL_URL = 'http://localhost/'

5.2.1.18 string Automation.settings.LOGIN_REDIRECT_URL = '/automation/tcc/index'

5.2.1.19 Automation.settings.MANAGERS = ADMINS

5.2.1.20 string Automation.settings.MEDIA_ROOT = '/usr/local/lib/python2.7/dist-packages/django/contrib/admin/media/'

5.2.1.21 string Automation.settings.MEDIA_URL = '/media/'

5.2.1.22 tuple Automation.settings.MIDDLEWARE_CLASSES

Initial value:

```
1 = (
2     'django.middleware.common.CommonMiddleware',
3     'django.contrib.sessions.middleware.SessionMiddleware',
4     'django.middleware.csrf.CsrfViewMiddleware',
5     'django.contrib.auth.middleware.AuthenticationMiddleware',
6     'django.contrib.messages.middleware.MessageMiddleware',
7     'django.middleware.cache.UpdateCacheMiddleware',
8     'django.middleware.common.CommonMiddleware',
9     'django.middleware.cache.FetchFromCacheMiddleware',
10 )
```

5.2.1.23 string Automation.settings.ROOT_URLCONF = 'Automation.urls'

5.2.1.24 string Automation.settings.SECRET_KEY = '@3t%hg=e4%fuwrxhq#qm4gp!%0albmve6natdxiqoxcx8#8$wd'

5.2.1.25 string Automation.settings.SESSION_KEY = '_auth_user_id'

5.2.1.26 int Automation.settings.SITE_ID = 1

5.2.1.27 string Automation.settings.STATIC_ROOT = 'mpath/Automation/static/'

5.2.1.28 string Automation.settings.STATIC_URL = '/static'

5.2.1.29 tuple Automation.settings.STATICFILES_DIRS

Initial value:

```
1 = (
2     # Put strings here, like "/home/html/static" or "C:/www/django/static".
3     # Always use forward slashes, even on Windows.
4     # Don't forget to use absolute paths, not relative paths.
5 )
```

5.2.1.30 tuple Automation.settings.STATICFILES_FINDERS

Initial value:

```
1 = (
2     'django.contrib.staticfiles.finders.FileSystemFinder',
3     'django.contrib.staticfiles.finders.AppDirectoriesFinder',
4 #    'django.contrib.staticfiles.finders.DefaultStorageFinder',
5 )
```

5.2.1.31 tuple Automation.settings.TEMPLATE_CONTEXT_PROCESSORS

Initial value:

```
1 = (
2     "django.contrib.auth.context_processors.auth",
3     "Automation.tcc.context_processors.base_template",
4 )
```

5.2.1.32 Automation.settings.TEMPLATE_DEBUG = DEBUG

5.2.1.33 tuple Automation.settings.TEMPLATE_DIRS

Initial value:

```
1 = ("mpath/Automation/templates"
2     # Put strings here, like "/home/html/django_templates" or "C:/www/django/templates".
3     # Always use forward slashes, even on Windows.
4     # Don't forget to use absolute paths, not relative paths.
5 )
```

5.2.1.34 tuple Automation.settings.TEMPLATE_LOADERS

Initial value:

```
1 = (
2     'django.template.loaders.filesystem.Loader',
3     'django.template.loaders.app_directories.Loader',
4 #     'django.template.loaders.eggs.Loader',
5 )
```

5.2.1.35 string Automation.settings.TIME_ZONE = 'Asia/Kolkata'

5.2.1.36 Automation.settings.USE_I18N = True

5.2.1.37 Automation.settings.USE_L10N = True

5.3 Automation.tcc Namespace Reference

Namespaces

- admin
- choices
- convert_function
- forms
- functions
- models
- urls
- variable
- views
- views_ext

5.4 Automation.tcc.admin Namespace Reference

Classes

- class JobAdmin
- class ClientAdmin
- class LabAdmin
- class DistributionAdmin
- class GovtAdmin
- class ReportAdmin
- class PaymentAdmin
- class MaterialAdmin
- class MatCommentAdmin
- class TestAdmin
- class OrganisationAdmin
- class DepartmentAdmin
- class StaffAdmin
- class TransportationAdmin

5.4.1 Detailed Description

```
%% admin.py %%

This file display usage information that admin requires to edit or add
in database tables, classes, forms and mappers in admin interface. This
make the data entry easy as one need to do it through MySQL server.
```

5.5 Automation.tcc.choices Namespace Reference

Variables

- tuple STATES_CHOICES
- tuple MONTH_CHOICES
- tuple YEAR_CHOICES
- tuple DAY_CHOICES
- tuple DAILY_CHOICES
- tuple ORGANISATION_CHOICES

5.5.1 Detailed Description

```
%% choices.py %%

This file is a static file that shows the choices in a particular Drop down list. This conatin the state choic
```

5.5.2 Variable Documentation

5.5.2.1 tuple Automation.tcc.choices.DAILY_CHOICES

Initial value:

```
1 = (
2     ('CASH', _('CASH')),
3     ('CHEQUE/DD/ONLINE',_('CHEQUE/DD/ONLINE')),
4 )
```

5.5.2.2 tuple Automation.tcc.choices.DAY_CHOICES

5.5.2.3 tuple Automation.tcc.choices.MONTH_CHOICES

Initial value:

```
1 = (
2     ('January', _('January')),
3     ('February', _('February')),
4     ('March',_('March')),
5     ('April', _('April')),
6     ('May', _('May')),
7     ('June',_('June')),
8     ('July', _('July')),
9     ('August', _('August')),
10     ('September',_('September')),
11     ('October', _('October')),
12     ('November', _('November')),
13     ('December',_('December')),
14 )
```

5.5.2.4 tuple Automation.tcc.choices.ORGANISATION_CHOICES

Initial value:

```
1 = (
2     ('GOVERNMENT', _('GOVERNMENT')),
3     ('SEMI-GOVERNMENT', _('SEMI-GOVERNMENT')),
4     ('PRIVATE', _('PRIVATE'))
5 )
```

5.5.2.5 tuple Automation.tcc.choices.STATES_CHOICES

Initial value:

```
1 = (
2     ('Andhra Pradesh', _('Andhra Pradesh')),
3     ('Arunachal Pradesh', _('Arunachal Pradesh')),
4     ('Assam', _('Assam')),
5     ('Bihar', _('Bihar')),
6     ('Chhattisgarh', _('Chhattisgarh')),
7     ('Goa', _('Goa')),
8     ('Gujarat', _('Gujarat')),
9     ('Haryana', _('Haryana')),
10     ('Himachal Pradesh', _('Himachal Pradesh')),
11     ('Jammu and Kashmir', _('Jammu and Kashmir')),
12     ('Jharkhand', _('Jharkhand')),
13     ('Karnataka', _('Karnataka')),
14     ('Kerala', _('Kerala')),
15     ('Madhya Pradesh', _('Madhya Pradesh')),
16     ('Maharashtra', _('Maharashtra')),
17     ('Manipur', _('Manipur')),
18     ('Meghalaya', _('Meghalaya')),
19     ('Mizoram', _('Mizoram')),
20     ('Nagaland', _('Nagaland')),
21     ('Orissa', _('Orissa')),
22     ('Punjab', _('Punjab')),
23     ('Rajasthan', _('Rajasthan')),
24     ('Sikkim', _('Sikkim')),
25     ('Tamil Nadu', _('Tamil Nadu')),
26     ('Tripura', _('Tripura')),
27     ('Uttar Pradesh', _('Uttar Pradesh')),
28     ('Uttarakhand', _('Uttarakhand')),
29     ('West Bengal', _('West Bengal')),
30 )
```

5.5.2.6 tuple Automation.tcc.choices.YEAR_CHOICES

Initial value:

```
1 = (
2     ('2013', _('2013')),
3     ('2012', _('2012')),
4
5     ('2014', _('2014')),
6     ('2015', _('2015')),
7     ('2016', _('2016')),
8     ('2017', _('2017')),
9     ('2018', _('2018')),
10     ('2019', _('2019')),
11     ('2020', _('2020')),
12     ('2021', _('2021')),
13 )
```

5.6 Automation.tcc.convert_function Namespace Reference

Functions

- def num2eng

5.6.1 Function Documentation

5.6.1.1 def Automation.tcc.convert_function.num2eng (*n*)

5.7 Automation.tcc.forms Namespace Reference

Classes

- class SuspenceClearence

- class ContactForm
- class MonthlyReportadd
- class DailyReportadd
- class MonthlyReport
- class DateReport
- class GovPriReport
- class CashBook

5.7.1 Detailed Description

```
%% forms.py %%

This file contain the defination of the forms of Automation Software
```

5.8 Automation.tcc.functions Namespace Reference

Functions

- def retrieve
- def dates
- def ratio1
- def ratio2
- def months
- def normalize_query
- def get_query

Variables

- int individual_ratio1 = 60
- int individual_ratio2 = 40
- int institutional_ratio1 = 40
- int institutional_ratio2 = 60
- int routine_ratio1 = 30
- int routine_ratio2 = 70

5.8.1 Detailed Description

```
%% functions.py %%

This file is defines some important functions that are then called views.py file.
```

5.8.2 Function Documentation

5.8.2.1 def Automation.tcc.functions.dates (*start_date, end_date*)

5.8.2.2 def Automation.tcc.functions.get_query (*query_string, search_fields*)

```
Returns a query, that is a combination of Q objects. That combination
    aims to search keywords within a model by testing the given search fields.
```

5.8.2.3 def Automation.tcc.functions.months (*month*)

```
** months **

months Function converts the months name to there number.
```

5.8.2.4 def Automation.tcc.functions.normalize_query (*query_string*, *findterms* = re.compile(r'"([^"]+)"|(\S+)').findall, *normspace* = re.compile(r'\s{2,}', *sub*)

```
Splits the query string in invidual keywords, getting rid of unecessary spaces
    and grouping quoted words together.
    Example:

    >>> normalize_query('  some random  words "with   quotes  " and   spaces')
    ['some', 'random', 'words', 'with quotes', 'and', 'spaces']
```

5.8.2.5 def Automation.tcc.functions.ratio1 (*con_type*)

```
** ratio1 **

ratio1 function is creates the numerator of the ratio depanding upon the consultancy(Individual, Routine) type
```

5.8.2.6 def Automation.tcc.functions.ratio2 (*con_type*)

```
** ratio2 **

ratio2 function is creates the denomenator of the ratio depending upon the consultancy type of the work.
```

5.8.2.7 def Automation.tcc.functions.retrieve ( )

```
** retrieve **

Retrieve function is used to retrieve the data defined in variable.py file
```

5.8.3 Variable Documentation

5.8.3.1 int Automation.tcc.functions.individual_ratio1 = 60

5.8.3.2 int Automation.tcc.functions.individual_ratio2 = 40

5.8.3.3 int Automation.tcc.functions.institutional_ratio1 = 40

5.8.3.4 int Automation.tcc.functions.institutional_ratio2 = 60

5.8.3.5 int Automation.tcc.functions.routine_ratio1 = 30

5.8.3.6 int Automation.tcc.functions.routine_ratio2 = 70

5.9 Automation.tcc.models Namespace Reference

Classes

- class UserProfileForm

- class NonPaymentJobForm
- class JobForm
- class AdvancedForm
- class editJobForm
- class ClientJobForm
- class ClientjobForm
- class editClientJobForm
- class SuspenceJobForm
- class editSuspenceJobForm
- class TestTotalForm
- class TestTotalPerfForm
- class BillForm
- class DistanceForm
- class DistanceperfForm
- class SuspenceForm
- class TadaForm
- class TransportForm
- class BankdetailsForm
- class ProgrammeForm
- class Report
- class UserProfile
- class Organisation
- class Department
- class Distribution
- class Lab
- class MatComment
- class Material
- class Test
- class Clientadd
- class editClientadd
- class Govt
- class Payment
- class Job
- class NonPaymentJob
- class EditJob
- class ClientJob
- class ClientEditJob
- class SuspenceJob
- class SuspenceEditJob
- class TestTotal
- class TestTotalPerf
- class Bill
- class BillPerf
- class Amount
- class CdfAmount
- class Distance
- class Distanceperf
- class Suspence
- class Staff
- class ProfromaTax
- class TaDa
- class Transportation
- class Transport
- class Bankdetails
- class LabReport
- class Prog_letter
- class Programme

5.9.1 Detailed Description

```
%% models.py %%
This file contains all the defination for models of Automation software.
including tables, classes, forms and mappers.
```

5.10 Automation.tcc.urls Namespace Reference

Variables

- tuple urlpatterns

5.10.1 Detailed Description

```
%% urls.py %%

This file define the urls used in the software for tcc application. In this regular expression are used, which
```

5.10.2 Variable Documentation

5.10.2.1 tuple Automation.tcc.urls.urlpatterns

5.11 Automation.tcc.variable Namespace Reference

Variables

- int collegeincome = 15
- int admincharge = 5
- int workcharge = 2
- int routine_ratio1 = 30
- int routine_ratio2 = 70
- float servicetax = 0.12
- float servicetaxprint = 12.0
- float educationtax = 0.0024
- float educationtaxprint = 0.24
- float highereducationtax = 0.0012
- float highereducationtaxprint = 0.12
- int individual_ratio1 = 60
- int individual_ratio2 = 40
- int institutional_ratio1 = 40
- int institutional_ratio2 = 60

5.11.1 Detailed Description

```
%% variable.py %%

This file is a static file that assign some constant values to the variables.
```

5.11.2 Variable Documentation

5.11.2.1 int Automation.tcc.variable.admincharge = 5

5.11.2.2 int Automation.tcc.variable.collegeincome = 15

5.11.2.3 float Automation.tcc.variable.educationtax = 0.0024

5.11.2.4 float Automation.tcc.variable.educationtaxprint = 0.24

5.11.2.5 float Automation.tcc.variable.highereducationtax = 0.0012

5.11.2.6 float Automation.tcc.variable.highereducationtaxprint = 0.12

5.11.2.7 int Automation.tcc.variable.individual_ratio1 = 60

5.11.2.8 int Automation.tcc.variable.individual_ratio2 = 40

5.11.2.9 int Automation.tcc.variable.institutional_ratio1 = 40

5.11.2.10 int Automation.tcc.variable.institutional_ratio2 = 60

5.11.2.11 int Automation.tcc.variable.routine_ratio1 = 30

5.11.2.12 int Automation.tcc.variable.routine_ratio2 = 70

5.11.2.13 float Automation.tcc.variable.servicetax = 0.12

5.11.2.14 float Automation.tcc.variable.servicetaxprint = 12.0

5.11.2.15 int Automation.tcc.variable.workcharge = 2

5.12 Automation.tcc.views Namespace Reference

Functions

- def index1
- def edit_profile
- def profile
- def non_payment_job
- def performa
- def previous
- def material
- def rate
- def selectfield
- def select
- def add_job
- def add_job_other_test
- def add_suspence
- def gen_report
- def gen_report_other
- def job_submit
- def job_ok
- def get_documents
- def bill

- def receipt_report
- def additional
- def s_report
- def g_report
- def rep
- def transport
- def transport_bill
- def ta_da
- def tada_view
- def ta_da_bill
- def search_transport
- def distance
- def clientreport
- def suspence_clearance
- def search_new
- def search
- def other_charge
- def suspence_clearence_report
- def suspence_clearence_report_transport
- def prevwork
- def clearjob
- def contact
- def registered_user
- def programme

5.12.1 Detailed Description

```
%% views.py %%

This file is used to create the views for the software.
It is the interface between the user interface, urls and database.
```

5.12.2 Function Documentation

5.12.2.1 def Automation.tcc.views.add_job (*request*)

```
** add_job **

This helps the user to add the job. Depending upon the material
selected the tests are listed then. Two forms are defined in a
single template file, so that there data get stored in different
tables one after the other. One is clientJob and other is
SuspenceJob.
```

5.12.2.2 def Automation.tcc.views.add_job_other_test (*request*)

```
** add_job_other_test **

This helps the user to add the job. Depending upon the material
selected the tests are listed then. Two forms are defined in a
single template file, so that there data get stored in different
tables one after the other.
```

5.12.2.3 def Automation.tcc.views.add_suspence (*request*)

```
** add_suspence **

The calculation for the price of the material to be tested is
calculated here. The rate for the distance calculated is also
calculated here and the same is put in the suspence table.
```

5.12.2.4 def Automation.tcc.views.additional (*request*)

```
** additional **

This functions displays the additional information that describes
all the taxes information.
```

5.12.2.5 def Automation.tcc.views.bill (*request*)

```
** bill **

This shows the bill in HTML format. All the taxes, amount, materials
tested are defined. There are 2 deifferent templates for Gneral
report and supence works.
```

5.12.2.6 def Automation.tcc.views.clearjob (*request*)

```
** clearjob **

Clearjob Function points to the job that is to be cleared listing
all the necessary data that is required to be filled.
```

5.12.2.7 def Automation.tcc.views.clientreport (*request*)

```
** clientreport **

Retrieves out the bill or receipt on demand for a particular job.
```

5.12.2.8 def Automation.tcc.views.contact (*request*)

```
** contact **

The contact function defines the contact form that is to be filled
and emailed by user to give the feedback or to define the problem.
```

5.12.2.9 def Automation.tcc.views.distance (*request*)

```
** distance **

Distance Function is for calculation of distance of the site on
the map. This displays a form fo filling the site.
```

5.12.2.10 def Automation.tcc.views.edit_profile (*request*)

```
** edit_profile **

This function firstly checks whether the user has already got a
profile or not. If it already has, then he is offered an already
built profile to edit, however in other case when the profile is
not built, user is allowed to fill an empty userprofile form.
```

5.12.2.11 def Automation.tcc.views.g_report (*request*)

```
** g_report **

g_report Function shows the total vouchers generated in a job.
```

5.12.2.12 def Automation.tcc.views.gen_report (*request*)

```
** gen_report **

The lab works come here. Then depending upon the mode of payemnt
of the Job, it is categorised as General Report work or Suspence
work. The jobs whos mode of payment is cash and has 0 TDS amount
are called General Report. All the other jobs are categorised as
Suspence.
```

5.12.2.13 def Automation.tcc.views.gen_report_other (*request*)

```
** gen_report_other **

For the Jobs whose material or work type doesn't match with all
that defined in the software, there is an option provided i.e
other work or material. It means one can himself define the work
type and amount for it.
```

5.12.2.14 def Automation.tcc.views.get_documents (*request*)

```
** get_documents **

This shows the different documents once the job is completely
filled and is asked to generate bill. Depending upon the type of
user the documents are provided to the user. The various documents
are Receipt, Voucher and Bill.
```

5.12.2.15 def Automation.tcc.views.index1 (*request*)

```
** index1 **

This is to have different views for different type of users. Like
here we have 2 types of users :one which is active,staff and is
superuser is the superuser of the software. The one who is just
active is the normal user. Depending upon there status different
views are created in index1.html and index2.html respectively.
```

5.12.2.16 def Automation.tcc.views.job_ok (*request*)

```
** job_ok **

This is to do the calculation of taxes on the total amount of a
job. The calculation of tax on an amount depend on several
factors on which it depend, like tranportation charges, discount,
tds amount etc.
```

5.12.2.17 def Automation.tcc.views.job_submit (*request*)

```
** job_submit **

The view to ensure that job is successfully saved.
```

5.12.2.18 def Automation.tcc.views.material (*request*)

```
** material **

Material Function lists all the materials or field works. These are the
links, depending on the selection of material selected, there tests are
filtered.
```

5.12.2.19 def Automation.tcc.views.non_payment_job (*request*)

```
** non_payment_job **

This function displays the form to fill the non payment job, that
means the job that describes the work to be done without making
any payment.
```

5.12.2.20 def Automation.tcc.views.other_charge (*request*)

5.12.2.21 def Automation.tcc.views.performa (*request*)

```
** performa **

Gives the detailed view of profile filled by client. Just the data
is extracted from UserProfile table.
```

5.12.2.22 def Automation.tcc.views.previous (*request*)

```
** previous **

This function lists the previous jobs of the user who have logged
in the software. Just filters the jobs done by user from the Job
table.
```

5.12.2.23 def Automation.tcc.views.prevwork (*request*)

```
** prevwork **

Prevwork function is used to list down all the previous jobs for
the client that was searched using search function. It also states
which suspence job is cleared and which is still to be cleared,
thus requiring the link to clear that job. The values with double
underscore indicates that foreign key values are fetched.
```

5.12.2.24 def Automation.tcc.views.profile (*request*)

```
** profile **

This function is used to make the user fill the personal detail.
If a normal user fills the detail, then his userprofile get updated,
but if a superuser creates a profile that means he/she is
registering the client and registration of client can be done as m
any times as possible.
```

5.12.2.25 def Automation.tcc.views.programme (*request*)

5.12.2.26 def Automation.tcc.views.rate (*request*)

```
** rate **

Rate Function gets the value of material(that was selected
previously) from the url and based on that material, the tests
are listed.
```

5.12.2.27 def Automation.tcc.views.receipt_report (*request*)

```
** receipt_report **

View the Receipt In Html format. This shows the material tested
for the client and total amount for it.
```

5.12.2.28 def Automation.tcc.views.registered_user (*request*)

5.12.2.29 def Automation.tcc.views.rep (*request*)

```
** rep **

Rep Function Displays the voucher in html format. This dispays the
all the distributions with there amount like college incomee,
admincharge, etc.
```

5.12.2.30 def Automation.tcc.views.s_report (*request*)

```
** s_report **

This shows the suspence voucher in HTML format. All the taxes,
amount, materials tested are defined.
```

5.12.2.31 def Automation.tcc.views.search (*request*)

```
** search **

Search Function is used to search a client using his/her name,
type of work and address. The 'icontain' keyword is used
which
fetches all the rows that contain the query. THen the data related
to that client that is required is also enlisted.
```

5.12.2.32 def Automation.tcc.views.search_new (*request*)

```
** search **
Here's the new search.
The function get_query is defined in funcions.py file
```

5.12.2.33 def Automation.tcc.views.search_transport (*request*)

5.12.2.34 def Automation.tcc.views.select (*request*)

```
** select **

List down the materials or the field work depending on the
selection of the type of work i.e lab or Field work. However is
the report_type is 3 or 4 means, the work to be done is CDF or
advances payment, then the form for the same is opened to be
filled.
```

5.12.2.35 def Automation.tcc.views.selectfield (*request*)

```
** selectfield **

List the type of work to be done i.e Lab or Field work. It also
checks the url, if the url shows jobno as empty, then job_no is
incremented in clientadd table else it is assubed that new work is
added to same job_no and thus the job_no in clientadd remains
same.
```

5.12.2.36 def Automation.tcc.views.suspence_clearance (*request*)

```
** suspence_clearance **

Suspence Clearance Function clears the suspence work. It has the
form for filling the extra charges.
```

5.12.2.37 def Automation.tcc.views.suspence_clearence_report (*request*)

```
** suspence_clearance_report **

This function generates the report for the suspence job after
clearing it. Here the split function splits out the staff code
entry to fetch its name from the tables.
```

5.12.2.38 def Automation.tcc.views.suspence_clearence_report_transport (*request*)

```
** suspence_clearance_report **

This function generates the report for the suspence job after
clearing it. Here the split function splits out the staff code
entry to fetch its name from the tables.
```

5.12.2.39 def Automation.tcc.views.ta_da (*request*)

```
** ta_da **

Ta_Da Function displays the form for filling the Transport and Daily
Allowance charges for a Job.
```

5.12.2.40 def Automation.tcc.views.ta_da_bill (*request*)

```
** ta_da_bill **

Report of TA/DA Bill For Particular Date.
```

5.12.2.41 def Automation.tcc.views.tada_view (*request*)

```
** tada_view **
Tada_view function confirms that tada is saved.
```

5.12.2.42 def Automation.tcc.views.transport (*request*)

```
** transport **

Transport Function displays the form that get the information like
kilometeres travelled etc from the user to get the transportation
charges.
```

5.12.2.43 def Automation.tcc.views.transport_bill (*request*)

```
** transport_bill **

Transport Bill Function generates transport Bill
```

5.13 Automation.tcc.views_ext Namespace Reference

Functions

- def perf_distance
- def perfselectfield
- def perfselect
- def add_perf
- def add_perf_other_test
- def gen_report_perf
- def add_suspence_perf
- def job_submit_perf
- def job_ok_perf
- def get_document_perf
- def get_performa_bill
- def billperf
- def search_job
- def edit_work

5.13.1 Detailed Description

```
%% Views_ext.py %%
This file is used to create the views for the software.
In order to avoid the confusion with generating the temperory jobs and then making them permanents, a differen
```

5.13.2 Function Documentation

5.13.2.1 def Automation.tcc.views_ext.add_perf (*request*)

```
** add_perf **

This helps the user to add the job. Depending upon the material selected the tests are listed then. Two forms
```

5.13.2.2 def Automation.tcc.views_ext.add_perf_other_test (*request*)

```
** add_perf_other_test **

This helps the user to add the job. Depending upon the material selected the
tests are listed then. Two forms are defined in a single template file, so
that there data get stored in different tables one after the other.
```

5.13.2.3 def Automation.tcc.views_ext.add_suspence_perf (*request*)

```
** add_suspence_perf **

The calculation for the price of the material to be tested is calculated here.
```

5.13.2.4 def Automation.tcc.views_ext.billperf (*request*)

```
** billperf **

This shows the bill in HTML format. All the taxes, amount, materials tested are defined.
```

5.13.2.5 def Automation.tcc.views_ext.edit_work (*request*)

```
** edit_work **

Edit Work function is used to edit or delete a particular performa job id and then confirm the job.
```

5.13.2.6 def Automation.tcc.views_ext.gen_report_perf (*request*)

```
** gen_report_perf **

The jobs which are non suspence comes here. Depending on the material type, it is given a type: Routine or Ins
```

5.13.2.7 def Automation.tcc.views_ext.get_document_perf (*request*)

5.13.2.8 def Automation.tcc.views_ext.get_performa_bill (*request*)

```
** clientreport **

Retrieves out the bill or receipt on demand for a particular job.
```

5.13.2.9 def Automation.tcc.views_ext.job_ok_perf (*request*)

```
** job_ok_perf **

This is to do the calculation of taxes on the total amount of a job.
```

5.13.2.10 def Automation.tcc.views_ext.job_submit_perf (*request*)

```
** job_submit_perf **

The view to ensure that job is successfully saved.
```

5.13.2.11 def Automation.tcc.views_ext.perf_distance (*request*)

```
** distance **

Distance Function is for calculation of distance of the site on the map.
This displays a form fo filling the site.
```

5.13.2.12 def Automation.tcc.views_ext.perfselect (*request*)

```
** perfselect **

List down the materials or the field work depending on the selection of the type of work.
```

5.13.2.13 def Automation.tcc.views_ext.perfselectfield (*request*)

```
** perfselectfield **

List the type of work to be done i.e Lab or Field work. Here, if the same client is making the slection 2 time
```

5.13.2.14 def Automation.tcc.views_ext.search_job (*request*)

```
** search_job **

Search Job function searches the performa job, for which one wants
to get information about or want to confirm that job.
```

5.14 Automation.urls Namespace Reference

Variables

- tuple urlpatterns

5.14.1 Variable Documentation

5.14.1.1 tuple Automation.urls.urlpatterns

Initial value:

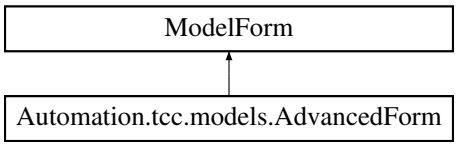
```
1 = patterns('',
2     # Example:
3     (r'^$', 'Automation.tcc.views.index1'),
4     (r'^hello', direct_to_template,
5                     { 'template': 'job_ok.html' }, ),
6     (r'^tcc/', include('Automation.tcc.urls')),
7     (r'^report/', include('Automation.report.urls')),
8
9     # Uncomment the next line to enable the admin:
10     (r'^admin/', include(admin.site.urls)),
11
12     (r'^accounts/', include('registration.urls')),
13
14 )
```

Chapter 6

Class Documentation

6.1 Automation.tcc.models.AdvancedForm Class Reference

Inheritance diagram for Automation.tcc.models.AdvancedForm:



Classes

- class Meta

6.1.1 Detailed Description

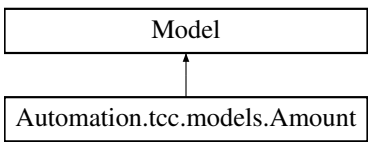
```
** JobForm For Advanced **

JobForm Class define form for Job model.
```

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

- tcc/models.py

6.2 Automation.tcc.models.Amount Class Reference

Inheritance diagram for Automation.tcc.models.Amount:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple job = models.ForeignKey(Job)
- tuple college_income = models.IntegerField(blank=True, null=True)
- tuple admin_charge = models.IntegerField(blank=True,null=True)
- tuple consultancy_asst = models.IntegerField(blank=True,null=True)
- tuple development_fund = models.IntegerField(blank=True,null=True)
- tuple unit_price = models.IntegerField(blank=True,null=True)
- tuple report_type = models.CharField(max_length=100,blank=True,null=True)

6.2.1 Detailed Description

```
** Amount **

Amount Class define all fields required to submit detail about
amount and there distribution for a particular Job id.
```

6.2.2 Member Function Documentation

6.2.2.1 def Automation.tcc.models.Amount.__unicode__ (*self*)

6.2.3 Member Data Documentation

6.2.3.1 tuple Automation.tcc.models.Amount.admin_charge = models.IntegerField(blank=True,null=True) [static]

6.2.3.2 tuple Automation.tcc.models.Amount.college_income = models.IntegerField(blank=True, null=True) [static]

6.2.3.3 tuple Automation.tcc.models.Amount.consultancy_asst = models.IntegerField(blank=True,null=True) [static]

6.2.3.4 tuple Automation.tcc.models.Amount.development_fund = models.IntegerField(blank=True,null=True) [static]

6.2.3.5 tuple Automation.tcc.models.Amount.job = models.ForeignKey(Job) [static]

6.2.3.6 tuple Automation.tcc.models.Amount.report_type = models.CharField(max_length=100,blank=True,null=True) [static]

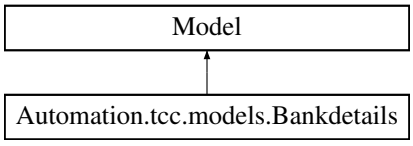
6.2.3.7 tuple Automation.tcc.models.Amount.unit_price = models.IntegerField(blank=True,null=True) [static]

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

- tcc/models.py

6.3 Automation.tcc.models.Bankdetails Class Reference

Inheritance diagram for Automation.tcc.models.Bankdetails:



Static Public Attributes

- tuple accname = models.CharField(max_length=50)
- tuple accountno = models.IntegerField(null=False)
- tuple accountcode = models.CharField(max_length=50)
- tuple address = models.CharField(max_length=150)

6.3.1 Detailed Description

```
** Bankdetails **

Bankdetails Class define all fields required to submit detail
about a bank.
```

6.3.2 Member Data Documentation

6.3.2.1 tuple Automation.tcc.models.Bankdetails.accname = models.CharField(max_length=50) [static]

6.3.2.2 tuple Automation.tcc.models.Bankdetails.accountcode = models.CharField(max_length=50) [static]

6.3.2.3 tuple Automation.tcc.models.Bankdetails.accountno = models.IntegerField(null=False) [static]

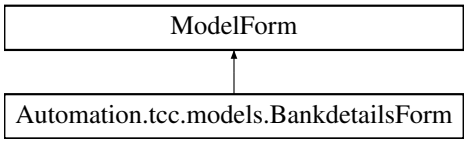
6.3.2.4 tuple Automation.tcc.models.Bankdetails.address = models.CharField(max_length=150) [static]

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

- tcc/models.py

6.4 Automation.tcc.models.BankdetailsForm Class Reference

Inheritance diagram for Automation.tcc.models.BankdetailsForm:



Classes

- class Meta

6.4.1 Detailed Description

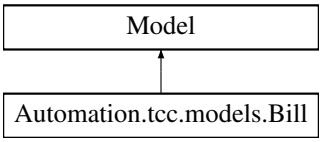
```
** BankdetailsForm **

BankdetailsForm Class define form for Bankdetails model.
```

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

- tcc/models.py

6.5 Automation.tcc.models.Bill Class Reference

Inheritance diagram for Automation.tcc.models.Bill:



Static Public Attributes

- tuple job_no = models.IntegerField(editable =False)
- tuple education_tax = models.IntegerField(blank=True,null=True)
- tuple higher_education_tax = models.IntegerField(blank=True,null=True)
- tuple service_tax = models.IntegerField(blank=True,null=True)
- tuple net_total = models.IntegerField(blank=True,null=True)
- tuple price = models.IntegerField(blank=True,null=True)
- tuple discount_total = models.IntegerField(blank=True,null=True)
- tuple trans_total = models.IntegerField(blank=True,null=True)
- tuple trans_net_total = models.IntegerField(blank=True,null=True)
- tuple balance = models.IntegerField(blank=True,null=True)

6.5.1 Detailed Description

```
** Bill **

Bill Class define all fields required to submit detail about a
taxes on an amount for a particular job.
```

6.5.2 Member Data Documentation

6.5.2.1 tuple Automation.tcc.models.Bill.balance = models.IntegerField(blank=True,null=True) [static]

6.5.2.2 tuple Automation.tcc.models.Bill.discount_total = models.IntegerField(blank=True,null=True) [static]

6.5.2.3 tuple Automation.tcc.models.Bill.education_tax = models.IntegerField(blank=True,null=True) [static]

6.5.2.4 tuple Automation.tcc.models.Bill.higher_education_tax = models.IntegerField(blank=True,null=True) [static]

6.5.2.5 tuple Automation.tcc.models.Bill.job_no = models.IntegerField(editable =False) [static]

6.5.2.6 tuple Automation.tcc.models.Bill.net_total = models.IntegerField(blank=True,null=True) [static]

6.5.2.7 tuple Automation.tcc.models.Bill.price = models.IntegerField(blank=True,null=True) [static]

6.5.2.8 tuple Automation.tcc.models.Bill.service_tax = models.IntegerField(blank=True,null=True) [static]

6.5.2.9 tuple Automation.tcc.models.Bill.trans_net_total = models.IntegerField(blank=True,null=True) [static]

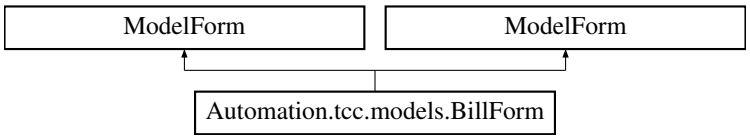
6.5.2.10 tuple Automation.tcc.models.Bill.trans_total = models.IntegerField(blank=True,null=True) [static]

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

- tcc/models.py

6.6 Automation.tcc.models.BillForm Class Reference

Inheritance diagram for Automation.tcc.models.BillForm:



Classes

- class Meta

6.6.1 Detailed Description

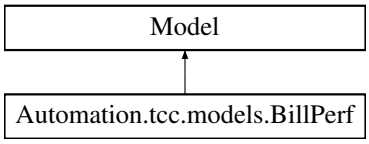
```
** BillForm **

TestTotalForm Class define the form for TestTotal model.
```

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

- tcc/models.py

6.7 Automation.tcc.models.BillPerf Class Reference

Inheritance diagram for Automation.tcc.models.BillPerf:



Static Public Attributes

- tuple job_no = models.IntegerField(editable =False)
- tuple education_tax = models.IntegerField(blank=True,null=True)
- tuple higher_education_tax = models.IntegerField(blank=True,null=True)
- tuple service_tax = models.IntegerField(blank=True,null=True)
- tuple net_total = models.IntegerField(blank=True,null=True)
- tuple price = models.IntegerField(blank=True,null=True)
- tuple discount_total = models.IntegerField(blank=True,null=True)
- tuple trans_total = models.IntegerField(blank=True,null=True)
- tuple trans_net_total = models.IntegerField(blank=True,null=True)
- tuple balance = models.IntegerField(blank=True,null=True)

6.7.1 Detailed Description

```
** BillPerf **

BillPerf Class define all fields required to submit detail about
a taxes on an amount for a particular performa job.
```

6.7.2 Member Data Documentation

6.7.2.1 tuple Automation.tcc.models.BillPerf.balance = models.IntegerField(blank=True,null=True) [static]

6.7.2.2 tuple Automation.tcc.models.BillPerf.discount_total = models.IntegerField(blank=True,null=True) [static]

6.7.2.3 tuple Automation.tcc.models.BillPerf.education_tax = models.IntegerField(blank=True,null=True) [static]

6.7.2.4 tuple Automation.tcc.models.BillPerf.higher_education_tax = models.IntegerField(blank=True,null=True) [static]

6.7.2.5 tuple Automation.tcc.models.BillPerf.job_no = models.IntegerField(editable =False) [static]

6.7.2.6 tuple Automation.tcc.models.BillPerf.net_total = models.IntegerField(blank=True,null=True) [static]

6.7.2.7 tuple Automation.tcc.models.BillPerf.price = models.IntegerField(blank=True,null=True) [static]

6.7.2.8 tuple Automation.tcc.models.BillPerf.service_tax = models.IntegerField(blank=True,null=True) [static]

6.7.2.9 tuple Automation.tcc.models.BillPerf.trans_net_total = models.IntegerField(blank=True,null=True) [static]

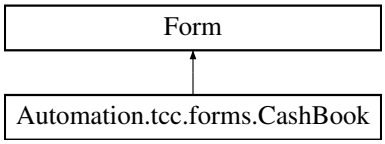
6.7.2.10 tuple Automation.tcc.models.BillPerf.trans_total = models.IntegerField(blank=True,null=True) [static]

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

- tcc/models.py

6.8 Automation.tcc.forms.CashBook Class Reference

Inheritance diagram for Automation.tcc.forms.CashBook:



Static Public Attributes

- tuple start_date = forms.DateField()
- tuple end_date = forms.DateField()
- tuple name = forms.CharField(max_length = 100)
- tuple amount_given = forms.CharField(max_length = 100)

6.8.1 Detailed Description

```
**CashBook**

Cash book to manage the money transactions within a specified date range.
```

6.8.2 Member Data Documentation

6.8.2.1 tuple Automation.tcc.forms.CashBook.amount_given = forms.CharField(max_length = 100) [static]

6.8.2.2 tuple Automation.tcc.forms.CashBook.end_date = forms.DateField() [static]

6.8.2.3 tuple Automation.tcc.forms.CashBook.name = forms.CharField(max_length = 100) [static]

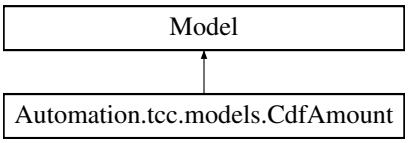
6.8.2.4 tuple Automation.tcc.forms.CashBook.start_date = forms.DateField() [static]

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

- tcc/forms.py

6.9 Automation.tcc.models.CdfAmount Class Reference

Inheritance diagram for Automation.tcc.models.CdfAmount:



Static Public Attributes

- tuple job_no = models.IntegerField(primary_key=True, editable =False)
- tuple date = models.DateField(default=datetime.date.today(), editable=False)
- tuple lab = models.CharField(max_length=100)
- tuple total = models.IntegerField()
- tuple field = models.CharField(max_length=10)
- tuple other_field = models.CharField(max_length=100,blank=True,null=True)
- tuple report_type = models.CharField(max_length=20,editable=False)

6.9.1 Detailed Description

```
** CdfAmount **

CdfAmount Class define all fields required to submit detail about
cdf Amount.
```

6.9.2 Member Data Documentation

6.9.2.1 tuple Automation.tcc.models.CdfAmount.date = models.DateField(default=datetime.date.today(), editable=False) [static]

6.9.2.2 tuple Automation.tcc.models.CdfAmount.field = models.CharField(max_length=10) [static]

6.9.2.3 tuple Automation.tcc.models.CdfAmount.job_no = models.IntegerField(primary_key=True, editable =False) [static]

6.9.2.4 tuple Automation.tcc.models.CdfAmount.lab = models.CharField(max_length=100) [static]

6.9.2.5 tuple Automation.tcc.models.CdfAmount.other_field = models.CharField(max_length=100,blank=True,null=True) [static]

6.9.2.6 tuple Automation.tcc.models.CdfAmount.report_type = models.CharField(max_length=20,editable=False) [static]

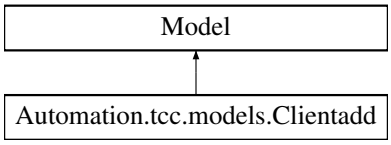
6.9.2.7 tuple Automation.tcc.models.CdfAmount.total = models.IntegerField() [static]

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

- tcc/models.py

6.10 Automation.tcc.models.Clientadd Class Reference

Inheritance diagram for Automation.tcc.models.Clientadd:



Static Public Attributes

- tuple user = models.ForeignKey(User)
- tuple client = models.ForeignKey(UserProfile)
- tuple job_no = models.IntegerField(blank=True, null=True)

6.10.1 Detailed Description

```
** Clientadd **

Clientadd Class define that which user for which client is adding
the jobid.
```

6.10.2 Member Data Documentation

6.10.2.1 tuple Automation.tcc.models.Clientadd.client = models.ForeignKey(UserProfile) [static]

6.10.2.2 tuple Automation.tcc.models.Clientadd.job_no = models.IntegerField(blank=True, null=True) [static]

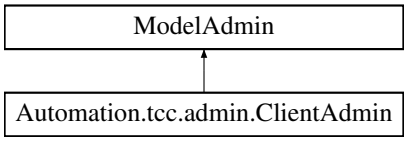
6.10.2.3 tuple Automation.tcc.models.Clientadd.user = models.ForeignKey(User) [static]

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

- tcc/models.py

6.11 Automation.tcc.admin.ClientAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.ClientAdmin:



Static Public Attributes

- tuple list_display = ('id', 'name','address_1','address_2','state','city')
- tuple search_fields = ('name','city')
- list list_filter = ['name']

6.11.1 Detailed Description

```
** ClientAdmin **

Client Admin is used to add, edit or delete the client and its
inforamtion directly by the admin.
```

6.11.2 Member Data Documentation

6.11.2.1 tuple Automation.tcc.admin.ClientAdmin.list_display = ('id', 'name','address_1','address_2','state','city') [static]

6.11.2.2 list Automation.tcc.admin.ClientAdmin.list_filter = ['name'] [static]

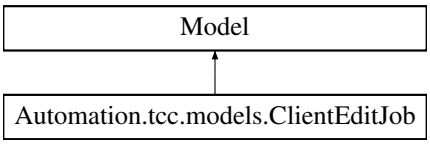
6.11.2.3 tuple Automation.tcc.admin.ClientAdmin.search_fields = ('name','city') [static]

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

- tcc/admin.py

6.12 Automation.tcc.models.ClientEditJob Class Reference

Inheritance diagram for Automation.tcc.models.ClientEditJob:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple job = models.ForeignKey(EditJob)
- tuple material = models.ForeignKey(Material)
- tuple other_test = models.CharField(max_length=400, blank=True)
- tuple test = models.ManyToManyField(Test,blank=True,null=True)

6.12.1 Detailed Description

```
** ClientEditJob **

ClientEditJob Class define the materials and tests performed on a
performa clientjob.
```

6.12.2 Member Function Documentation

6.12.2.1 def Automation.tcc.models.ClientEditJob.__unicode__ (*self*)

6.12.3 Member Data Documentation

6.12.3.1 tuple Automation.tcc.models.ClientEditJob.job = models.ForeignKey(EditJob) [static]

6.12.3.2 tuple Automation.tcc.models.ClientEditJob.material = models.ForeignKey(Material) [static]

6.12.3.3 tuple Automation.tcc.models.ClientEditJob.other_test = models.CharField(max_length=400, blank=True) [static]

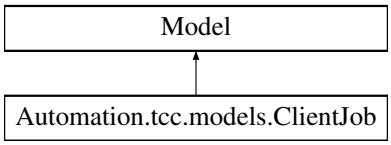
6.12.3.4 tuple Automation.tcc.models.ClientEditJob.test = models.ManyToManyField(Test,blank=True,null=True) [static]

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

- tcc/models.py

6.13 Automation.tcc.models.ClientJob Class Reference

Inheritance diagram for Automation.tcc.models.ClientJob:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple job = models.ForeignKey(Job)
- tuple material = models.ForeignKey(Material)
- tuple other_test = models.CharField(max_length=400, blank=True)
- tuple test = models.ManyToManyField(Test, blank=True)

6.13.1 Detailed Description

```
** ClientJob **

ClientJob Class define the materials and tests performed on a clientjob.
```

6.13.2 Member Function Documentation

6.13.2.1 def Automation.tcc.models.ClientJob.__unicode__ (*self*)

6.13.3 Member Data Documentation

6.13.3.1 tuple Automation.tcc.models.ClientJob.job = models.ForeignKey(Job) [static]

6.13.3.2 tuple Automation.tcc.models.ClientJob.material = models.ForeignKey(Material) [static]

6.13.3.3 tuple Automation.tcc.models.ClientJob.other_test = models.CharField(max_length=400, blank=True) [static]

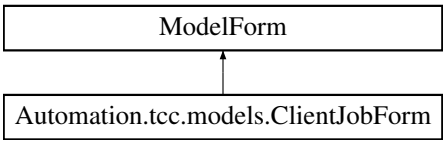
6.13.3.4 tuple Automation.tcc.models.ClientJob.test = models.ManyToManyField(Test, blank=True) [static]

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

- tcc/models.py

6.14 Automation.tcc.models.ClientJobForm Class Reference

Inheritance diagram for Automation.tcc.models.ClientJobForm:



Classes

- class Meta

6.14.1 Detailed Description

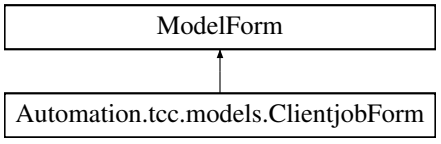
```
** ClientJobForm **

ClientJobForm Class define the form for ClientJob model.
```

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

- tcc/models.py

6.15 Automation.tcc.models.ClientjobForm Class Reference

Inheritance diagram for Automation.tcc.models.ClientjobForm:



Classes

- class Meta

Public Member Functions

- def __init__

Static Public Attributes

- tuple test

6.15.1 Detailed Description

```
** Test **

Test Class define all fields required to submit detail about a test
under a Material.
```

6.15.2 Constructor & Destructor Documentation

6.15.2.1 def Automation.tcc.models.ClientjobForm.__init__ (*self, args, kwargs*)

6.15.3 Member Data Documentation

6.15.3.1 tuple Automation.tcc.models.ClientjobForm.test [static]

Initial value:

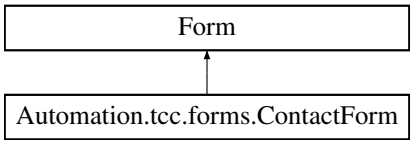
```
1 = forms.ModelMultipleChoiceField(queryset=Test.objects.all(),
2     required=False, widget=forms.CheckboxSelectMultiple)
```

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

- tcc/models.py

6.16 Automation.tcc.forms.ContactForm Class Reference

Inheritance diagram for Automation.tcc.forms.ContactForm:



Static Public Attributes

- tuple subject = forms.CharField(max_length=100)
- tuple email = forms.EmailField(label='Your e-mail address')
- tuple message = forms.CharField(widget=forms.Textarea)

6.16.1 Member Data Documentation

6.16.1.1 tuple Automation.tcc.forms.ContactForm.email = forms.EmailField(label='Your e-mail address') [static]

6.16.1.2 tuple Automation.tcc.forms.ContactForm.message = forms.CharField(widget=forms.Textarea) [static]

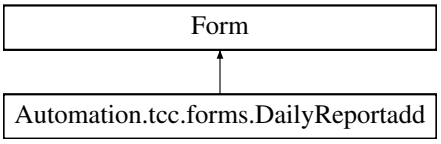
6.16.1.3 tuple Automation.tcc.forms.ContactForm.subject = forms.CharField(max_length=100) [static]

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

- tcc/forms.py

6.17 Automation.tcc.forms.DailyReportadd Class Reference

Inheritance diagram for Automation.tcc.forms.DailyReportadd:



Static Public Attributes

- tuple start_date = forms.DateField()
- tuple end_date = forms.DateField()
- tuple type = forms.ChoiceField(choices=DAILY_CHOICES)

6.17.1 Detailed Description

```
**DailyReportadd**

Daily Report Form to retrieve Daily income Information for a specified payment type like cash, cheque, online
```

6.17.2 Member Data Documentation

6.17.2.1 tuple Automation.tcc.forms.DailyReportadd.end_date = forms.DateField() [static]

6.17.2.2 tuple Automation.tcc.forms.DailyReportadd.start_date = forms.DateField() [static]

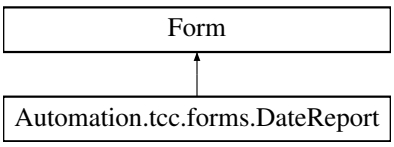
6.17.2.3 tuple Automation.tcc.forms.DailyReportadd.type = forms.ChoiceField(choices=DAILY_CHOICES) [static]

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

- tcc/forms.py

6.18 Automation.tcc.forms.DateReport Class Reference

Inheritance diagram for Automation.tcc.forms.DateReport:



Public Member Functions

- def clean_date

Static Public Attributes

- tuple start_date = forms.DateField()
- tuple end_date = forms.DateField()

6.18.1 Detailed Description

```
**DateReport**

Date Report Form that displays start and end date and thus helps in retrieving data between this date range.
```

6.18.2 Member Function Documentation

6.18.2.1 def Automation.tcc.forms.DateReport.clean_date (*self*)

6.18.3 Member Data Documentation

6.18.3.1 tuple Automation.tcc.forms.DateReport.end_date = forms.DateField() [static]

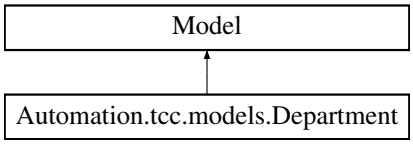
6.18.3.2 tuple Automation.tcc.forms.DateReport.start_date = forms.DateField() [static]

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

- tcc/forms.py

6.19 Automation.tcc.models.Department Class Reference

Inheritance diagram for Automation.tcc.models.Department:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple organisation = models.ForeignKey(Organisation)
- tuple name = models.CharField(max_length=50)
- tuple address = models.CharField(max_length=150)
- tuple phone = models.CharField(max_length=20, blank=True)
- tuple dean = models.CharField(max_length=50, blank=True)
- tuple faxno = models.CharField(max_length=100, blank=True)
- tuple email_1 = models.CharField(max_length=75,blank=True)
- tuple email_2 = models.CharField(max_length=75,blank=True)
- tuple url = models.CharField(max_length=50,blank=True)
- tuple about = models.CharField(max_length=150,blank=True)

6.19.1 Detailed Description

```
** Department **

Department Class define all fields required to submit detail about a
department for a particular Organisation.
```

6.19.2 Member Function Documentation

6.19.2.1 def Automation.tcc.models.Department.__unicode__ (*self*)

6.19.3 Member Data Documentation

6.19.3.1 tuple Automation.tcc.models.Department.about = models.CharField(max_length=150,blank=True) [static]

6.19.3.2 tuple Automation.tcc.models.Department.address = models.CharField(max_length=150) [static]

6.19.3.3 tuple Automation.tcc.models.Department.dean = models.CharField(max_length=50, blank=True) [static]

6.19.3.4 tuple Automation.tcc.models.Department.email_1 = models.CharField(max_length=75,blank=True) [static]

6.19.3.5 tuple Automation.tcc.models.Department.email_2 = models.CharField(max_length=75,blank=True) [static]

6.19.3.6 tuple Automation.tcc.models.Department.faxno = models.CharField(max_length=100, blank=True) [static]

6.19.3.7 tuple Automation.tcc.models.Department.name = models.CharField(max_length=50) [static]

6.19.3.8 tuple Automation.tcc.models.Department.organisation = models.ForeignKey(Organisation) [static]

6.19.3.9 tuple Automation.tcc.models.Department.phone = models.CharField(max_length=20, blank=True) [static]

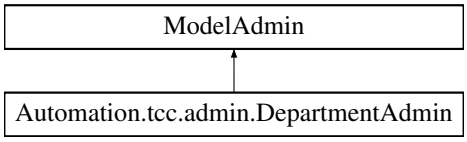
6.19.3.10 tuple Automation.tcc.models.Department.url = models.CharField(max_length=50,blank=True) [static]

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

- tcc/models.py

6.20 Automation.tcc.admin.DepartmentAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.DepartmentAdmin:



Static Public Attributes

- tuple list_display
- tuple search_fields = ('name',)
- list list_filter = ['name']

6.20.1 Detailed Description

```
** DepartmentAdmin **

Department Admin is used to add, edit or delete the different
departments in the organisation and there inforamtion directly by
the admin.
```

6.20.2 Member Data Documentation

6.20.2.1 tuple Automation.tcc.admin.DepartmentAdmin.list_display [static]

Initial value:

```
1 = ('organisation','name','address', 'phone','dean',
2     'faxno')
```

6.20.2.2 list Automation.tcc.admin.DepartmentAdmin.list_filter = ['name'] [static]

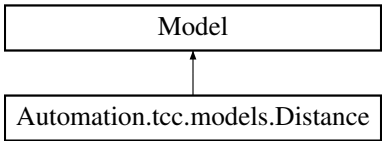
6.20.2.3 tuple Automation.tcc.admin.DepartmentAdmin.search_fields = ('name',) [static]

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

- tcc/admin.py

6.21 Automation.tcc.models.Distance Class Reference

Inheritance diagram for Automation.tcc.models.Distance:



Static Public Attributes

- tuple job = models.IntegerField(editable =False)
- tuple sandy = models.DecimalField(max_digits=10, decimal_places=3)

6.21.1 Detailed Description

```
** Distance **

Distance Class define all fields required to submit detail about
a site and its distance for a prticular Job_id.
```

6.21.2 Member Data Documentation

6.21.2.1 tuple Automation.tcc.models.Distance.job = models.IntegerField(editable =False) [static]

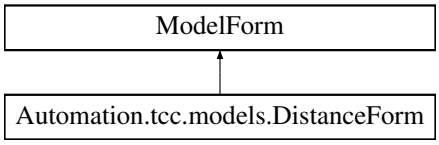
6.21.2.2 tuple Automation.tcc.models.Distance.sandy = models.DecimalField(max_digits=10, decimal_places=3) [static]

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

- tcc/models.py

6.22 Automation.tcc.models.DistanceForm Class Reference

Inheritance diagram for Automation.tcc.models.DistanceForm:



Classes

- class Meta

Public Member Functions

- def __unicode__

6.22.1 Detailed Description

```
** DistanceForm **

DistanceForm Class define form for distance model.
```

6.22.2 Member Function Documentation

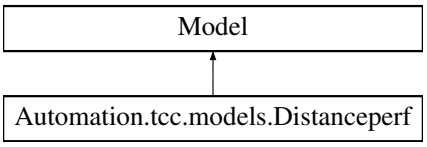
6.22.2.1 def Automation.tcc.models.DistanceForm.__unicode__ (*self*)

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

- tcc/models.py

6.23 Automation.tcc.models.Distanceperf Class Reference

Inheritance diagram for Automation.tcc.models.Distanceperf:



Static Public Attributes

- tuple job = models.IntegerField(editable =False)
- tuple sandy = models.DecimalField(max_digits=10, decimal_places=3)

6.23.1 Detailed Description

```
** Distance **

Distance Class define all fields required to submit detail about
a site and its distance for a prticular Job_id.
```

6.23.2 Member Data Documentation

6.23.2.1 tuple Automation.tcc.models.Distanceperf.job = models.IntegerField(editable =False) [static]

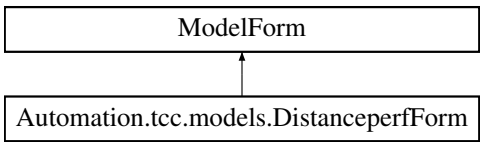
6.23.2.2 tuple Automation.tcc.models.Distanceperf.sandy = models.DecimalField(max_digits=10, decimal_places=3) [static]

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

- tcc/models.py

6.24 Automation.tcc.models.DistanceperfForm Class Reference

Inheritance diagram for Automation.tcc.models.DistanceperfForm:



Classes

- class Meta

Public Member Functions

- def __unicode__

6.24.1 Detailed Description

```
** DistanceForm **

DistanceForm Class define form for distance model.
```

6.24.2 Member Function Documentation

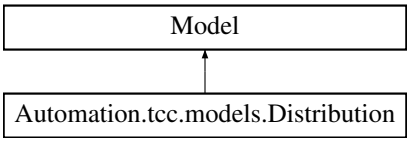
6.24.2.1 def Automation.tcc.models.DistanceperfForm.__unicode__ (*self*)

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

- tcc/models.py

6.25 Automation.tcc.models.Distribution Class Reference

Inheritance diagram for Automation.tcc.models.Distribution:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple name = models.CharField(max_length=100)

6.25.1 Detailed Description

```
** Distribution **

Distribution Class define all didtribution of income that is to be
done.
```

6.25.2 Member Function Documentation

6.25.2.1 def Automation.tcc.models.Distribution.__unicode__ (*self*)

6.25.3 Member Data Documentation

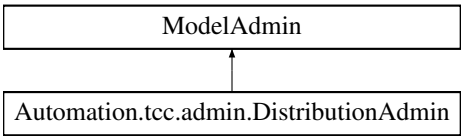
6.25.3.1 tuple Automation.tcc.models.Distribution.name = models.CharField(max_length=100) [static]

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

- tcc/models.py

6.26 Automation.tcc.admin.DistributionAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.DistributionAdmin:



Static Public Attributes

- tuple list_display = ('name',)
- tuple search_fields = ('name',)
- list list_filter = ['name']

6.26.1 Detailed Description

```
** DistributionAdmin **

DistributionAdmin is used to add, edit or delete the various
distributions and there inforamtion directly by the admin.
```

6.26.2 Member Data Documentation

6.26.2.1 tuple Automation.tcc.admin.DistributionAdmin.list_display = ('name',) [static]

6.26.2.2 list Automation.tcc.admin.DistributionAdmin.list_filter = ['name'] [static]

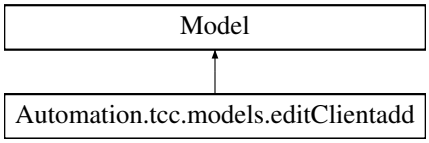
6.26.2.3 tuple Automation.tcc.admin.DistributionAdmin.search_fields = ('name',) [static]

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

- tcc/admin.py

6.27 Automation.tcc.models.editClientadd Class Reference

Inheritance diagram for Automation.tcc.models.editClientadd:



Static Public Attributes

- tuple user = models.ForeignKey(User)
- tuple client = models.ForeignKey(UserProfile)

6.27.1 Detailed Description

```
** editClientadd **

editClientadd Class define that which user for which client is
adding the performa jobid.
```

6.27.2 Member Data Documentation

6.27.2.1 tuple Automation.tcc.models.editClientadd.client = models.ForeignKey(UserProfile) [static]

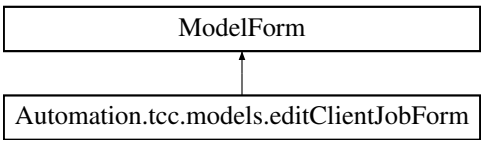
6.27.2.2 tuple Automation.tcc.models.editClientadd.user = models.ForeignKey(User) [static]

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

- tcc/models.py

6.28 Automation.tcc.models.editClientJobForm Class Reference

Inheritance diagram for Automation.tcc.models.editClientJobForm:



Classes

- class Meta

6.28.1 Detailed Description

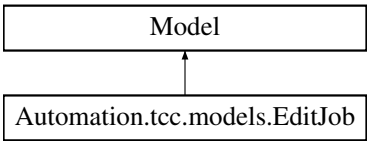
```
** editClientJobForm **

editClientJobForm Class define form for editClientJob model.
```

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

- tcc/models.py

6.29 Automation.tcc.models.EditJob Class Reference

Inheritance diagram for Automation.tcc.models.EditJob:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple client = models.ForeignKey(editClientadd)
- tuple job_no = models.IntegerField(editable =False)
- tuple sample = models.CharField(max_length=11, default="1")
- tuple ip = models.CharField(max_length=50)
- tuple site = models.CharField(max_length=600,blank=True,null=True)
- tuple type_of_work = models.ForeignKey(Govt)
- tuple report_type = models.ForeignKey(Report)
- tuple date = models.DateField(auto_now_add=True)
- tuple letter_no = models.CharField(max_length=200,blank=True,null=True)
- tuple letter_date = models.DateField(max_length=200, null=True, blank=True)
- tuple tds = models.IntegerField(default="0")
- tuple discount = models.IntegerField(default="0")
- tuple note = models.CharField(max_length=500, null=True, blank=True)

6.29.1 Detailed Description

```
**EditJob**

EditJob Class is define all field required to submit detail about
new performa Job.
```

6.29.2 Member Function Documentation

6.29.2.1 def Automation.tcc.models.EditJob.__unicode__ (*self*)

6.29.3 Member Data Documentation

6.29.3.1 tuple Automation.tcc.models.EditJob.client = models.ForeignKey(editClientadd) [static]

6.29.3.2 tuple Automation.tcc.models.EditJob.date = models.DateField(auto_now_add=True) [static]

6.29.3.3 tuple Automation.tcc.models.EditJob.discount = models.IntegerField(default="0") [static]

6.29.3.4 tuple Automation.tcc.models.EditJob.ip = models.CharField(max_length=50) [static]

6.29.3.5 tuple Automation.tcc.models.EditJob.job_no = models.IntegerField(editable =False) [static]

6.29.3.6 tuple Automation.tcc.models.EditJob.letter_date = models.DateField(max_length=200, null=True, blank=True) [static]

6.29.3.7 tuple Automation.tcc.models.EditJob.letter_no = models.CharField(max_length=200,blank=True,null=True) [static]

6.29.3.8 tuple Automation.tcc.models.EditJob.note = models.CharField(max_length=500, null=True, blank=True) [static]

6.29.3.9 tuple Automation.tcc.models.EditJob.report_type = models.ForeignKey(Report) [static]

6.29.3.10 tuple Automation.tcc.models.EditJob.sample = models.CharField(max_length=11, default="1") [static]

6.29.3.11 tuple Automation.tcc.models.EditJob.site = models.CharField(max_length=600,blank=True,null=True) [static]

6.29.3.12 tuple Automation.tcc.models.EditJob.tds = models.IntegerField(default="0") [static]

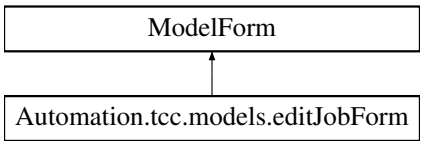
6.29.3.13 tuple Automation.tcc.models.EditJob.type_of_work = models.ForeignKey(Govt) [static]

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

- tcc/models.py

6.30 Automation.tcc.models.editJobForm Class Reference

Inheritance diagram for Automation.tcc.models.editJobForm:



Classes

- class Meta

6.30.1 Detailed Description

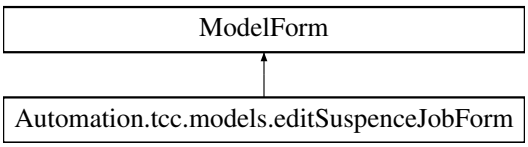
```
** editJobForm **

editJobForm Class define form for editJob model.
```

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

- tcc/models.py

6.31 Automation.tcc.models.editSuspenceJobForm Class Reference

Inheritance diagram for Automation.tcc.models.editSuspenceJobForm:



Classes

- class Meta

6.31.1 Detailed Description

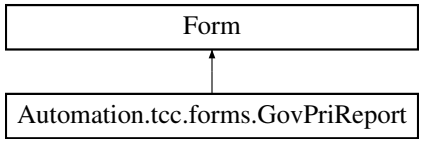
```
** editSuspenceJobForm **

editSuspenceJobForm Class define the form for editSuspenceJob model.
```

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

- tcc/models.py

6.32 Automation.tcc.forms.GovPriReport Class Reference

Inheritance diagram for Automation.tcc.forms.GovPriReport:



Static Public Attributes

- tuple month = forms.ChoiceField(choices=MONTH_CHOICES)
- tuple year = forms.ChoiceField(choices=YEAR_CHOICES)
- tuple type_of_work = models.ForeignKey(Govt)

6.32.1 Detailed Description

```
**GovPriReport**

Governament Private Report is for different Jobs like: Government/Semi_government/Private.
```

6.32.2 Member Data Documentation

6.32.2.1 tuple Automation.tcc.forms.GovPriReport.month = forms.ChoiceField(choices=MONTH_CHOICES) [static]

6.32.2.2 tuple Automation.tcc.forms.GovPriReport.type_of_work = models.ForeignKey(Govt) [static]

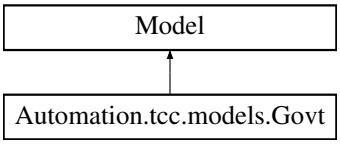
6.32.2.3 tuple Automation.tcc.forms.GovPriReport.year = forms.ChoiceField(choices=YEAR_CHOICES) [static]

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

- tcc/forms.py

6.33 Automation.tcc.models.Govt Class Reference

Inheritance diagram for Automation.tcc.models.Govt:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple name = models.CharField(max_length=600, blank=True)

6.33.1 Detailed Description

```
** Govt **

Govt Class define all fields required to submit detail about a
organisation Type (Government, Semi-Government or Private).
```

6.33.2 Member Function Documentation

6.33.2.1 def Automation.tcc.models.Govt.__unicode__ (*self*)

6.33.3 Member Data Documentation

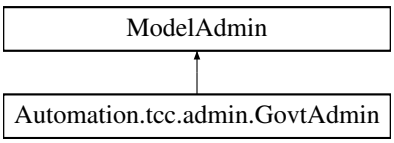
6.33.3.1 tuple Automation.tcc.models.Govt.name = models.CharField(max_length=600, blank=True) [static]

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

- tcc/models.py

6.34 Automation.tcc.admin.GovtAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.GovtAdmin:



Static Public Attributes

- tuple list_display = ('id', 'name')
- tuple search_fields = ('name',)
- list list_filter = ['name']

6.34.1 Detailed Description

```
** GovtAdmin **

Govt Admin is used to add, edit or delete the organisation or work
type(like Government, Semi-Government or Private) directly by the
admin.
```

6.34.2 Member Data Documentation

6.34.2.1 tuple Automation.tcc.admin.GovtAdmin.list_display = ('id', 'name') [static]

6.34.2.2 list Automation.tcc.admin.GovtAdmin.list_filter = ['name'] [static]

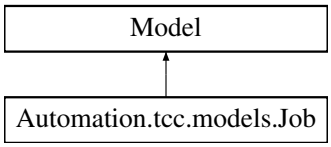
6.34.2.3 tuple Automation.tcc.admin.GovtAdmin.search_fields = ('name',) [static]

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

- tcc/admin.py

6.35 Automation.tcc.models.Job Class Reference

Inheritance diagram for Automation.tcc.models.Job:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple client = models.ForeignKey(Clientadd)
- tuple job_no = models.IntegerField(editable =False)
- tuple sample = models.IntegerField()
- tuple ip = models.CharField(max_length=50)
- tuple site = models.CharField(max_length=5000,blank=True,null=True)
- tuple type_of_work = models.ForeignKey(Govt)
- tuple report_type = models.ForeignKey(Report)
- tuple pay = models.CharField(max_length=600)
- tuple check_number = models.CharField(max_length=15,blank=True)
- tuple check_dd_date = models.CharField(blank=True, max_length=15)
- tuple date = models.DateField(auto_now_add=True)
- tuple letter_no = models.CharField(max_length=400,blank=True)
- tuple letter_date = models.DateField(blank=True, null=True)
- tuple tds = models.IntegerField(default="0")
- tuple discount = models.IntegerField(default="0")

6.35.1 Detailed Description

```
**Job**

Job Class is define all field required to submit detail about new
Job.
```

6.35.2 Member Function Documentation

6.35.2.1 def Automation.tcc.models.Job.__unicode__ (*self*)

6.35.3 Member Data Documentation

6.35.3.1 tuple Automation.tcc.models.Job.check_dd_date = models.CharField(blank=True, max_length=15) [static]

6.35.3.2 tuple Automation.tcc.models.Job.check_number = models.CharField(max_length=15,blank=True) [static]

6.35.3.3 tuple Automation.tcc.models.Job.client = models.ForeignKey(**Clientadd**) [static]

6.35.3.4 tuple Automation.tcc.models.Job.date = models.DateField(auto_now_add=True) [static]

6.35.3.5 tuple Automation.tcc.models.Job.discount = models.IntegerField(default="0") [static]

6.35.3.6 tuple Automation.tcc.models.Job.ip = models.CharField(max_length=50) [static]

6.35.3.7 tuple Automation.tcc.models.Job.job_no = models.IntegerField(editable =False) [static]

6.35.3.8 tuple Automation.tcc.models.Job.letter_date = models.DateField(blank=True, null=True) [static]

6.35.3.9 tuple Automation.tcc.models.Job.letter_no = models.CharField(max_length=400,blank=True) [static]

6.35.3.10 tuple Automation.tcc.models.Job.pay = models.CharField(max_length=600) [static]

6.35.3.11 tuple Automation.tcc.models.Job.report_type = models.ForeignKey(**Report**) [static]

6.35.3.12 tuple Automation.tcc.models.Job.sample = models.IntegerField() [static]

6.35.3.13 tuple Automation.tcc.models.Job.site = models.CharField(max_length=5000,blank=True,null=True) [static]

6.35.3.14 tuple Automation.tcc.models.Job.tds = models.IntegerField(default="0") [static]

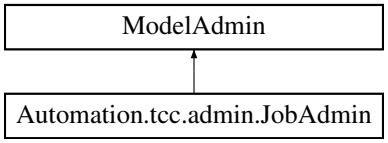
6.35.3.15 tuple Automation.tcc.models.Job.type_of_work = models.ForeignKey(**Govt**) [static]

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

- tcc/models.py

6.36 Automation.tcc.admin.JobAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.JobAdmin:



Static Public Attributes

- tuple list_display = ('job_no', 'client','site')
- tuple search_fields = ('job_no',)

- list list_filter = ['job_no']

6.36.1 Detailed Description

```
** JobAdmin **

Job Admin is required to add, edit or delete the content into the
Job model directly. The list to be displayed after adding and search
and list filter are also there.
```

6.36.2 Member Data Documentation

6.36.2.1 tuple Automation.tcc.admin.JobAdmin.list_display = ('job_no', 'client','site') [static]

6.36.2.2 list Automation.tcc.admin.JobAdmin.list_filter = ['job_no'] [static]

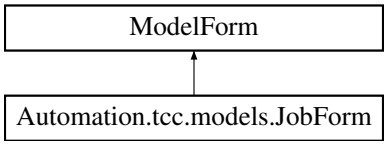
6.36.2.3 tuple Automation.tcc.admin.JobAdmin.search_fields = ('job_no',) [static]

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

- tcc/admin.py

6.37 Automation.tcc.models.JobForm Class Reference

Inheritance diagram for Automation.tcc.models.JobForm:



Classes

- class Meta

6.37.1 Detailed Description

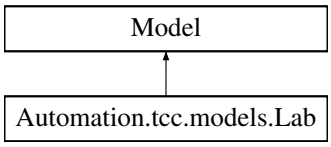
```
** JobForm **

JobForm Class define form for Job model.
```

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

- tcc/models.py

6.38 Automation.tcc.models.Lab Class Reference

Inheritance diagram for Automation.tcc.models.Lab:



Public Member Functions

- def __unicode__
- def get_tags

Static Public Attributes

- tuple name = models.CharField(max_length=300)
- tuple department = models.ForeignKey(Department)
- tuple tags = TagField()

6.38.1 Detailed Description

```
** Lab **

Lab Class define all fields required to submit detail about a LAB
of a Department.
```

6.38.2 Member Function Documentation

6.38.2.1 def Automation.tcc.models.Lab.__unicode__ (*self*)

6.38.2.2 def Automation.tcc.models.Lab.get_tags (*self*)

6.38.3 Member Data Documentation

6.38.3.1 tuple Automation.tcc.models.Lab.department = models.ForeignKey(Department) [static]

6.38.3.2 tuple Automation.tcc.models.Lab.name = models.CharField(max_length=300) [static]

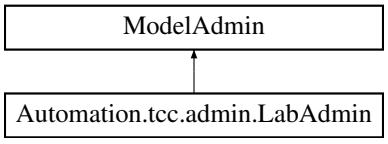
6.38.3.3 tuple Automation.tcc.models.Lab.tags = TagField() [static]

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

- tcc/models.py

6.39 Automation.tcc.admin.LabAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.LabAdmin:



Static Public Attributes

- tuple list_display = ('name',)
- tuple search_fields = ('name',)
- list list_filter = ['name']

6.39.1 Detailed Description

```
** LabAdmin **

Lab Admin is used to add, edit or delete the Labs and there inforamtion
directly by the admin.
```

6.39.2 Member Data Documentation

6.39.2.1 tuple Automation.tcc.admin.LabAdmin.list_display = ('name',) [static]

6.39.2.2 list Automation.tcc.admin.LabAdmin.list_filter = ['name'] [static]

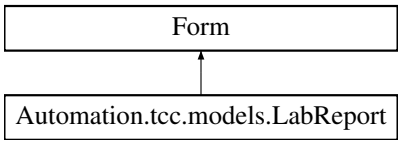
6.39.2.3 tuple Automation.tcc.admin.LabAdmin.search_fields = ('name',) [static]

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

- tcc/admin.py

6.40 Automation.tcc.models.LabReport Class Reference

Inheritance diagram for Automation.tcc.models.LabReport:



Static Public Attributes

- tuple start_date = forms.DateField()
- tuple end_date = forms.DateField()
- tuple material = forms.ModelChoiceField(queryset=Material.objects.all())

6.40.1 Detailed Description

```
** LabReport **

LabReport Form that displays start and end date and thus helps in
retrieving data between this date range for a particular material.
```

6.40.2 Member Data Documentation

6.40.2.1 tuple Automation.tcc.models.LabReport.end_date = forms.DateField() [static]

6.40.2.2 tuple Automation.tcc.models.LabReport.material = forms.ModelChoiceField(queryset=Material.objects.all()) [static]

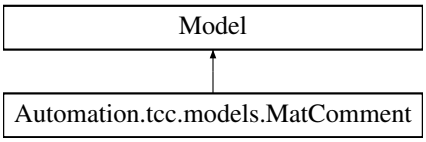
6.40.2.3 tuple Automation.tcc.models.LabReport.start_date = forms.DateField() [static]

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

- tcc/models.py

6.41 Automation.tcc.models.MatComment Class Reference

Inheritance diagram for Automation.tcc.models.MatComment:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple name = models.CharField(max_length=300)

6.41.1 Member Function Documentation

6.41.1.1 def Automation.tcc.models.MatComment.__unicode__ (*self*)

6.41.2 Member Data Documentation

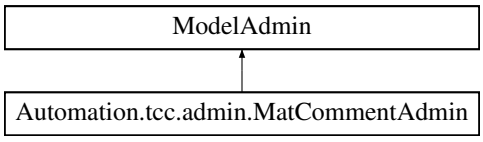
6.41.2.1 tuple Automation.tcc.models.MatComment.name = models.CharField(max_length=300) [static]

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

- tcc/models.py

6.42 Automation.tcc.admin.MatCommentAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.MatCommentAdmin:



Static Public Attributes

- tuple list_display = ('name',)
- tuple search_fields = ('name',)
- list list_filter = ['name']

6.42.1 Member Data Documentation

6.42.1.1 tuple Automation.tcc.admin.MatCommentAdmin.list_display = ('name',) [static]

6.42.1.2 list Automation.tcc.admin.MatCommentAdmin.list_filter = ['name'] [static]

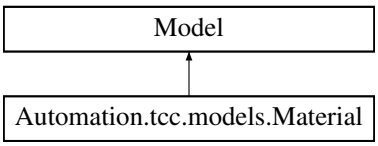
6.42.1.3 tuple Automation.tcc.admin.MatCommentAdmin.search_fields = ('name',) [static]

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

- tcc/admin.py

6.43 Automation.tcc.models.Material Class Reference

Inheritance diagram for Automation.tcc.models.Material:



Public Member Functions

- def __unicode__
- def get_tags

Static Public Attributes

- tuple lab = models.ForeignKey(Lab)
- tuple distribution = models.ForeignKey(Distribution)
- tuple name = models.CharField(max_length=300)
- tuple matcomment = models.ForeignKey(MatComment)
- tuple tags = TagField()
- tuple report = models.ForeignKey(Report)
- tuple image = models.ImageField(upload_to='logo', blank='True', null='True')

6.43.1 Detailed Description

```
** Material **

Material Class define all fields required to submit detail about a
Material under a Lab.
```

6.43.2 Member Function Documentation

6.43.2.1 def Automation.tcc.models.Material.__unicode__ (*self*)

6.43.2.2 def Automation.tcc.models.Material.get_tags (*self*)

6.43.3 Member Data Documentation

6.43.3.1 tuple Automation.tcc.models.Material.distribution = models.ForeignKey(Distribution) [static]

6.43.3.2 tuple Automation.tcc.models.Material.image = models.ImageField(upload_to='logo', blank='True', null='True') [static]

6.43.3.3 tuple Automation.tcc.models.Material.lab = models.ForeignKey(Lab) [static]

6.43.3.4 tuple Automation.tcc.models.Material.matcomment = models.ForeignKey(MatComment) [static]

6.43.3.5 tuple Automation.tcc.models.Material.name = models.CharField(max_length=300) [static]

6.43.3.6 tuple Automation.tcc.models.Material.report = models.ForeignKey(Report) [static]

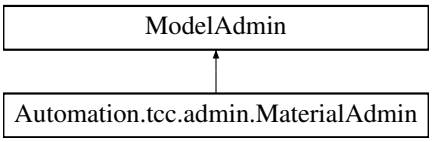
6.43.3.7 tuple Automation.tcc.models.Material.tags = TagField() [static]

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

- tcc/models.py

6.44 Automation.tcc.admin.MaterialAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.MaterialAdmin:



Static Public Attributes

- tuple list_display = ('lab', 'name','report')
- tuple search_fields = ('name',)
- list list_filter = ['name']

6.44.1 Detailed Description

```
** MaterialAdmin **

Material Admin is used to add, edit or delete the different
materials to be tested in differnt labs and there inforamtion
directly by the admin.
```

6.44.2 Member Data Documentation

6.44.2.1 tuple Automation.tcc.admin.MaterialAdmin.list_display = ('lab', 'name','report') [static]

6.44.2.2 list Automation.tcc.admin.MaterialAdmin.list_filter = ['name'] [static]

6.44.2.3 tuple Automation.tcc.admin.MaterialAdmin.search_fields = ('name',) [static]

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

- tcc/admin.py

6.45 Automation.tcc.models.ClientjobForm.Meta Class Reference

Static Public Attributes

- model = ClientJob
- list exclude = ['job']

6.45.1 Member Data Documentation

6.45.1.1 list Automation.tcc.models.ClientjobForm.Meta.exclude = ['job'] [static]

6.45.1.2 Automation.tcc.models.ClientjobForm.Meta.model = ClientJob [static]

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

- tcc/models.py

6.46 Automation.tcc.models.TadaForm.Meta Class Reference

Static Public Attributes

- model = TaDa
- list exclude = ['job']
- dictionary widgets

6.46.1 Member Data Documentation

6.46.1.1 list Automation.tcc.models.TadaForm.Meta.exclude = ['job'] [static]

6.46.1.2 Automation.tcc.models.TadaForm.Meta.model = TaDa [static]

6.46.1.3 dictionary Automation.tcc.models.TadaForm.Meta.widgets [static]

Initial value:

```
1 = {
2               'job' : TextInput(attrs={'size':20}),
3               'departure_time_up' : TextInput(attrs={'size':20}),
4               'arrival_time_up' : TextInput(attrs={'size':20}),
5               'departure_time_down' : TextInput(attrs={'size':20}),
6               'arrival_time_down' : TextInput(attrs={'size':20}),
7               'tada_amount' : TextInput(attrs={'size':20}),
```

```
8           'reach_site' : TextInput(attrs={'size':20}),
9           'test_date' : TextInput(attrs={'size':20}),
10           'end_date' : TextInput(attrs={'size':20}),
11           'testing_staff_code' : TextInput(attrs={'size':20}),
12                   }
```

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

- tcc/models.py

6.47 Automation.tcc.models.editClientJobForm.Meta Class Reference

Static Public Attributes

- model = ClientEditJob
- list exclude = ['job','material']

6.47.1 Member Data Documentation

6.47.1.1 list Automation.tcc.models.editClientJobForm.Meta.exclude = ['job','material'] [static]

6.47.1.2 Automation.tcc.models.editClientJobForm.Meta.model = ClientEditJob [static]

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

- tcc/models.py

6.48 Automation.tcc.models.TransportForm.Meta Class Reference

Static Public Attributes

- model = Transport

6.48.1 Member Data Documentation

6.48.1.1 Automation.tcc.models.TransportForm.Meta.model = Transport [static]

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

- tcc/models.py

6.49 Automation.tcc.models.DistanceForm.Meta Class Reference

Static Public Attributes

- model = Distance
- list exclude = ['job']

6.49.1 Member Data Documentation

6.49.1.1 list Automation.tcc.models.DistanceForm.Meta.exclude = ['job'] [static]

6.49.1.2 Automation.tcc.models.DistanceForm.Meta.model = Distance [static]

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

- tcc/models.py

6.50 Automation.tcc.models.BankdetailsForm.Meta Class Reference

Static Public Attributes

- model = Bankdetails

6.50.1 Member Data Documentation

6.50.1.1 Automation.tcc.models.BankdetailsForm.Meta.model = Bankdetails [static]

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

- tcc/models.py

6.51 Automation.tcc.models.BillForm.Meta Class Reference

Static Public Attributes

- model = Bill

6.51.1 Member Data Documentation

6.51.1.1 Automation.tcc.models.BillForm.Meta.model = Bill [static]

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

- tcc/models.py

6.52 Automation.tcc.models.SuspenceJobForm.Meta Class Reference

Static Public Attributes

- model = SuspenceJob
- list exclude = ['job','field','test']

6.52.1 Member Data Documentation

6.52.1.1 list Automation.tcc.models.SuspenceJobForm.Meta.exclude = ['job','field','test'] [static]

6.52.1.2 Automation.tcc.models.SuspenceJobForm.Meta.model = SuspenceJob [static]

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

- tcc/models.py

6.53 Automation.tcc.models.NonPaymentJobForm.Meta Class Reference

Static Public Attributes

- model = NonPaymentJob
- list exclude = ['date','client']

6.53.1 Member Data Documentation

6.53.1.1 list Automation.tcc.models.NonPaymentJobForm.Meta.exclude = ['date','client'] [static]

6.53.1.2 Automation.tcc.models.NonPaymentJobForm.Meta.model = NonPaymentJob [static]

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

- tcc/models.py

6.54 Automation.tcc.models.TestTotalPerfForm.Meta Class Reference

Static Public Attributes

- model = TestTotalPerf
- list exclude = ['job']

6.54.1 Member Data Documentation

6.54.1.1 list Automation.tcc.models.TestTotalPerfForm.Meta.exclude = ['job'] [static]

6.54.1.2 Automation.tcc.models.TestTotalPerfForm.Meta.model = TestTotalPerf [static]

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

- tcc/models.py

6.55 Automation.tcc.models.JobForm.Meta Class Reference

Static Public Attributes

- model = Job
- list exclude = ['client','job_no','report_type','date','ip']

6.55.1 Member Data Documentation

6.55.1.1 list Automation.tcc.models.JobForm.Meta.exclude = ['client','job_no','report_type','date','ip'] [static]

6.55.1.2 Automation.tcc.models.JobForm.Meta.model = Job [static]

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

- tcc/models.py

6.56 Automation.tcc.models.ProgrammeForm.Meta Class Reference

Static Public Attributes

- model = Programme
- dictionary widgets

6.56.1 Member Data Documentation

6.56.1.1 Automation.tcc.models.ProgrammeForm.Meta.model = Programme [static]

6.56.1.2 dictionary Automation.tcc.models.ProgrammeForm.Meta.widgets [static]

Initial value:

```
1 = {
2             'contract_name' : TextInput(attrs={'size':60}),
3             'address' : TextInput(attrs={'size':60}),
4             'on' : TextInput(attrs={'size':60}),
5             'at' : TextInput(attrs={'size':60}),
6             'addr' : TextInput(attrs={'size':60}),
7             'name1' : TextInput(attrs={'size':60}),
8             'name2' : TextInput(attrs={'size':60}),
9                   }
```

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

- tcc/models.py

6.57 Automation.tcc.models.AdvancedForm.Meta Class Reference

Static Public Attributes

- model = Job
- list exclude = ['client','job_no','report_type','date','ip',]

6.57.1 Member Data Documentation

6.57.1.1 list Automation.tcc.models.AdvancedForm.Meta.exclude = ['client','job_no','report_type','date','ip',] [static]

6.57.1.2 Automation.tcc.models.AdvancedForm.Meta.model = Job [static]

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

- tcc/models.py

6.58 Automation.tcc.models.TestTotalForm.Meta Class Reference

Static Public Attributes

- model = TestTotal
- list exclude = ['job',]

6.58.1 Member Data Documentation

6.58.1.1 list Automation.tcc.models.TestTotalForm.Meta.exclude = ['job',] [static]

6.58.1.2 Automation.tcc.models.TestTotalForm.Meta.model = TestTotal [static]

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

- tcc/models.py

6.59 Automation.tcc.models.editJobForm.Meta Class Reference

Static Public Attributes

- model = EditJob
- list exclude = ['client','job_no','report_type','date','ip']

6.59.1 Member Data Documentation

6.59.1.1 list Automation.tcc.models.editJobForm.Meta.exclude = ['client','job_no','report_type','date','ip'] [static]

6.59.1.2 Automation.tcc.models.editJobForm.Meta.model = EditJob [static]

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

- tcc/models.py

6.60 Automation.tcc.models.editSuspenceJobForm.Meta Class Reference

Static Public Attributes

- model = SuspenceEditJob
- list exclude = ['job','field','test']

6.60.1 Member Data Documentation

6.60.1.1 list Automation.tcc.models.editSuspenceJobForm.Meta.exclude = ['job','field','test'] [static]

6.60.1.2 Automation.tcc.models.editSuspenceJobForm.Meta.model = SuspenceEditJob [static]

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

- tcc/models.py

6.61 Automation.tcc.models.UserProfileForm.Meta Class Reference

Static Public Attributes

- model = UserProfile
- list exclude = ['user']
- dictionary widgets

6.61.1 Member Data Documentation

6.61.1.1 list Automation.tcc.models.UserProfileForm.Meta.exclude = ['user'] [static]

6.61.1.2 Automation.tcc.models.UserProfileForm.Meta.model = UserProfile [static]

6.61.1.3 dictionary Automation.tcc.models.UserProfileForm.Meta.widgets [static]

Initial value:

```
1 = {
2         'first_name' : TextInput(attrs={'size':60}),
3         'middle_name' : TextInput(attrs={'size':60}),
4         'last_name' : TextInput(attrs={'size':60}),
5         'address' : TextInput(attrs={'size':60}),
6         'company' : TextInput(attrs={'size':60}),
7         'city' : TextInput(attrs={'size':60}),
8         'pin_code' : TextInput(attrs={'size':60}),
9         'website' : TextInput(attrs={'size':60}),
10         'email_address' : TextInput(attrs={'size':60}),
11         'contact_no' : TextInput(attrs={'size':60}),
12                 }
```

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

- tcc/models.py

6.62 Automation.tcc.models.DistanceperfForm.Meta Class Reference

Static Public Attributes

- model = Distanceperf
- list exclude = ['job']

6.62.1 Member Data Documentation

6.62.1.1 list Automation.tcc.models.DistanceperfForm.Meta.exclude = ['job'] [static]

6.62.1.2 Automation.tcc.models.DistanceperfForm.Meta.model = Distanceperf [static]

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

- tcc/models.py

6.63 Automation.tcc.models.SuspenceForm.Meta Class Reference

Static Public Attributes

- model = Suspence

6.63.1 Member Data Documentation

6.63.1.1 Automation.tcc.models.SuspenceForm.Meta.model = Suspence [static]

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

- tcc/models.py

6.64 Automation.tcc.models.ClientJobForm.Meta Class Reference

Static Public Attributes

- model = ClientJob
- list exclude = ['job','material']

6.64.1 Member Data Documentation

6.64.1.1 list Automation.tcc.models.ClientJobForm.Meta.exclude = ['job','material'] [static]

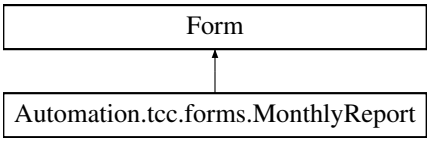
6.64.1.2 Automation.tcc.models.ClientJobForm.Meta.model = ClientJob [static]

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

- tcc/models.py

6.65 Automation.tcc.forms.MonthlyReport Class Reference

Inheritance diagram for Automation.tcc.forms.MonthlyReport:



Static Public Attributes

- tuple month = forms.ChoiceField(choices=MONTH_CHOICES)
- tuple year = forms.ChoiceField(choices=YEAR_CHOICES)

6.65.1 Detailed Description

```
**MonthlyReport**

Montly Report Form to retrieve Montly Tax Information.
```

6.65.2 Member Data Documentation

6.65.2.1 tuple Automation.tcc.forms.MonthlyReport.month = forms.ChoiceField(choices=MONTH_CHOICES) [static]

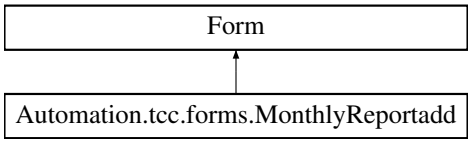
6.65.2.2 tuple Automation.tcc.forms.MonthlyReport.year = forms.ChoiceField(choices=YEAR_CHOICES) [static]

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

- tcc/forms.py

6.66 Automation.tcc.forms.MonthlyReportadd Class Reference

Inheritance diagram for Automation.tcc.forms.MonthlyReportadd:



Static Public Attributes

- tuple month = forms.ChoiceField(choices=MONTH_CHOICES)
- tuple year = forms.ChoiceField(choices=YEAR_CHOICES)
- tuple paid_service_tax = forms.IntegerField(initial= '0')
- tuple paid_education_tax = forms.IntegerField(initial= '0')
- tuple paid_higher_education_tax = forms.IntegerField(initial= '0')

6.66.1 Detailed Description

```
**MonthlyReportadd**

Monthly Reportadd Form is for getting the monthly income and taxes of the company and then subtrating the paid
```

6.66.2 Member Data Documentation

6.66.2.1 tuple Automation.tcc.forms.MonthlyReportadd.month = forms.ChoiceField(choices=MONTH_CHOICES) [static]

6.66.2.2 tuple Automation.tcc.forms.MonthlyReportadd.paid_education_tax = forms.IntegerField(initial= '0') [static]

6.66.2.3 tuple Automation.tcc.forms.MonthlyReportadd.paid_higher_education_tax = forms.IntegerField(initial= '0') [static]

6.66.2.4 tuple Automation.tcc.forms.MonthlyReportadd.paid_service_tax = forms.IntegerField(initial= '0') [static]

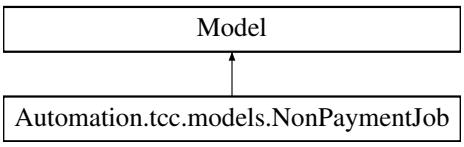
6.66.2.5 tuple Automation.tcc.forms.MonthlyReportadd.year = forms.ChoiceField(choices=YEAR_CHOICES) [static]

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

- tcc/forms.py

6.67 Automation.tcc.models.NonPaymentJob Class Reference

Inheritance diagram for Automation.tcc.models.NonPaymentJob:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple job_no = models.IntegerField(editable =False)
- tuple client = models.ForeignKey(UserProfile)
- tuple ref_no = models.CharField(max_length=400,blank=True)
- tuple dated = models.DateField(blank=True, null=True)
- tuple site = models.CharField(max_length=5000,blank=True,null=True)
- tuple material_type = models.CharField(max_length=500)
- tuple date = models.DateField(auto_now_add=True)

6.67.1 Member Function Documentation

6.67.1.1 def Automation.tcc.models.NonPaymentJob.__unicode__ (*self*)

6.67.2 Member Data Documentation

6.67.2.1 tuple Automation.tcc.models.NonPaymentJob.client = models.ForeignKey(UserProfile) [static]

6.67.2.2 tuple Automation.tcc.models.NonPaymentJob.date = models.DateField(auto_now_add=True) [static]

6.67.2.3 tuple Automation.tcc.models.NonPaymentJob.dated = models.DateField(blank=True, null=True) [static]

6.67.2.4 tuple Automation.tcc.models.NonPaymentJob.job_no = models.IntegerField(editable =False) [static]

6.67.2.5 tuple Automation.tcc.models.NonPaymentJob.material_type = models.CharField(max_length=500) [static]

6.67.2.6 tuple Automation.tcc.models.NonPaymentJob.ref_no = models.CharField(max_length=400,blank=True) [static]

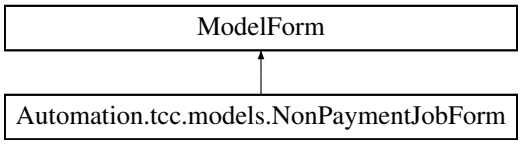
6.67.2.7 tuple Automation.tcc.models.NonPaymentJob.site = models.CharField(max_length=5000,blank=True,null=True) [static]

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

- tcc/models.py

6.68 Automation.tcc.models.NonPaymentJobForm Class Reference

Inheritance diagram for Automation.tcc.models.NonPaymentJobForm:



Classes

- class Meta

6.68.1 Detailed Description

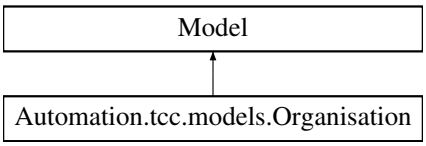
```
** NonPaymentJobForm **

NonPaymentJobForm Class define form for NonPaymentJob model.
```

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

- tcc/models.py

6.69 Automation.tcc.models.Organisation Class Reference

Inheritance diagram for Automation.tcc.models.Organisation:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple name = models.CharField(max_length=50)
- tuple address = models.CharField(max_length=150)
- tuple phone = models.CharField(max_length=20)
- tuple director = models.CharField(max_length=50)
- tuple status = models.CharField(max_length=5000)
- tuple logo_upload = models.ImageField(upload_to='logo')

6.69.1 Detailed Description

```
** Organisation **

Organisation Class define all fields required to submit detail
about Organisation.
```

6.69.2 Member Function Documentation

6.69.2.1 def Automation.tcc.models.Organisation.__unicode__ (*self*)

6.69.3 Member Data Documentation

6.69.3.1 tuple Automation.tcc.models.Organisation.address = models.CharField(max_length=150) [static]

6.69.3.2 tuple Automation.tcc.models.Organisation.director = models.CharField(max_length=50) [static]

6.69.3.3 tuple Automation.tcc.models.Organisation.logo_upload = models.ImageField(upload_to='logo') [static]

6.69.3.4 tuple Automation.tcc.models.Organisation.name = models.CharField(max_length=50) [static]

6.69.3.5 tuple Automation.tcc.models.Organisation.phone = models.CharField(max_length=20) [static]

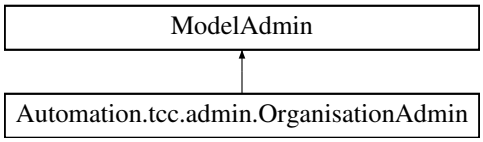
6.69.3.6 tuple Automation.tcc.models.Organisation.status = models.CharField(max_length=5000) [static]

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

- tcc/models.py

6.70 Automation.tcc.admin.OrganisationAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.OrganisationAdmin:



Static Public Attributes

- tuple list_display = ('name','address', 'phone','director')
- tuple search_fields = ('name',)
- list list_filter = ['name']

6.70.1 Detailed Description

```
** OrganisationAdmin **

Organisation Admin is used to add, edit or delete the organisation
and its information directly by the admin.
```

6.70.2 Member Data Documentation

6.70.2.1 tuple Automation.tcc.admin.OrganisationAdmin.list_display = ('name','address', 'phone','director') [static]

6.70.2.2 list Automation.tcc.admin.OrganisationAdmin.list_filter = ['name'] [static]

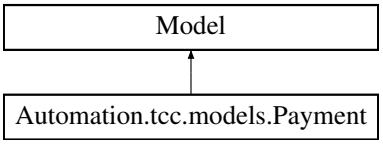
6.70.2.3 tuple Automation.tcc.admin.OrganisationAdmin.search_fields = ('name',) [static]

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

- tcc/admin.py

6.71 Automation.tcc.models.Payment Class Reference

Inheritance diagram for Automation.tcc.models.Payment:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple name = models.CharField(max_length = 50,blank =True)

6.71.1 Detailed Description

```
** Payment **

Payment Class define all fields required to submit detail about
Payment type (Cash, Cheque, Online or DD).
```

6.71.2 Member Function Documentation

6.71.2.1 def Automation.tcc.models.Payment.__unicode__ (*self*)

6.71.3 Member Data Documentation

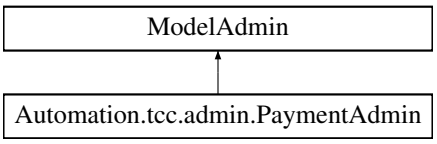
6.71.3.1 tuple Automation.tcc.models.Payment.name = models.CharField(max_length = 50,blank =True) [static]

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

- tcc/models.py

6.72 Automation.tcc.admin.PaymentAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.PaymentAdmin:



Static Public Attributes

- tuple list_display = ('id', 'name')
- tuple search_fields = ('name',)
- list list_filter = ['name']

6.72.1 Detailed Description

```
** PaymentAdmin **

Payment Admin is used to add or edit or delete the different modes
of payment like Cash, Cheque, Online or Demand Draft directly by
the admin.
```

6.72.2 Member Data Documentation

6.72.2.1 tuple Automation.tcc.admin.PaymentAdmin.list_display = ('id', 'name') [static]

6.72.2.2 list Automation.tcc.admin.PaymentAdmin.list_filter = ['name'] [static]

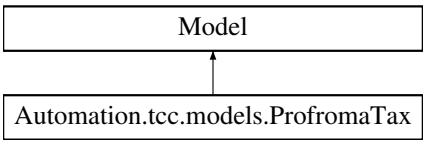
6.72.2.3 tuple Automation.tcc.admin.PaymentAdmin.search_fields = ('name',) [static]

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

- tcc/admin.py

6.73 Automation.tcc.models.ProfromaTax Class Reference

Inheritance diagram for Automation.tcc.models.ProfromaTax:



Static Public Attributes

- tuple pro_no = models.IntegerField(primary_key=True)
- tuple service_tax = models.IntegerField()
- tuple higher_education_tax = models.IntegerField()
- tuple education_tax = models.IntegerField()
- tuple total = models.IntegerField()

6.73.1 Member Data Documentation

6.73.1.1 tuple Automation.tcc.models.ProfromaTax.education_tax = models.IntegerField() [static]

6.73.1.2 tuple Automation.tcc.models.ProfromaTax.higher_education_tax = models.IntegerField() [static]

6.73.1.3 tuple Automation.tcc.models.ProfromaTax.pro_no = models.IntegerField(primary_key=True) [static]

6.73.1.4 tuple Automation.tcc.models.ProfromaTax.service_tax = models.IntegerField() [static]

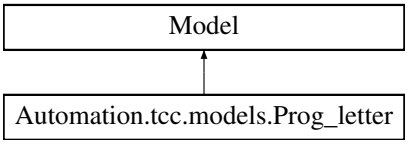
6.73.1.5 tuple Automation.tcc.models.ProfromaTax.total = models.IntegerField() [static]

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

- tcc/models.py

6.74 Automation.tcc.models.Prog_letter Class Reference

Inheritance diagram for Automation.tcc.models.Prog_letter:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple name = models.CharField(max_length=50)

6.74.1 Detailed Description

```
** ClientJob **

ClientJob Class define the materials and tests performed on a clientjob.
```

6.74.2 Member Function Documentation

6.74.2.1 def Automation.tcc.models.Prog_letter.__unicode__ (*self*)

6.74.3 Member Data Documentation

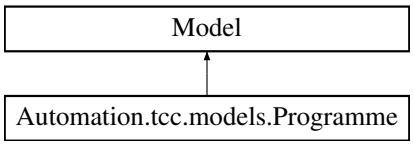
6.74.3.1 tuple Automation.tcc.models.Prog_letter.name = models.CharField(max_length=50) [static]

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

- tcc/models.py

6.75 Automation.tcc.models.Programme Class Reference

Inheritance diagram for Automation.tcc.models.Programme:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple client_department_name = models.CharField(max_length=50)
- tuple phone_no = models.CharField(max_length=100,blank=True, null=True)
- tuple on = models.DateField()
- tuple addr = models.CharField(max_length=100,blank=True, null=True)
- tuple city = models.CharField(max_length=100,blank=True, null=True)
- tuple at = models.TimeField()
- tuple site = models.CharField(max_length=100,blank=True, null=True)
- tuple date = models.DateField(default=datetime.date.today())

6.75.1 Member Function Documentation

6.75.1.1 def Automation.tcc.models.Programme.__unicode__ (*self*)

6.75.2 Member Data Documentation

6.75.2.1 tuple Automation.tcc.models.Programme.addr = models.CharField(max_length=100,blank=True, null=True) [static]

6.75.2.2 tuple Automation.tcc.models.Programme.at = models.TimeField() [static]

6.75.2.3 tuple Automation.tcc.models.Programme.city = models.CharField(max_length=100,blank=True, null=True) [static]

6.75.2.4 tuple Automation.tcc.models.Programme.client_department_name = models.CharField(max_length=50) [static]

6.75.2.5 tuple Automation.tcc.models.Programme.date = models.DateField(default=datetime.date.today()) [static]

6.75.2.6 tuple Automation.tcc.models.Programme.on = models.DateField() [static]

6.75.2.7 tuple Automation.tcc.models.Programme.phone_no = models.CharField(max_length=100,blank=True, null=True) [static]

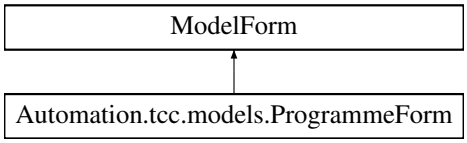
6.75.2.8 tuple Automation.tcc.models.Programme.site = models.CharField(max_length=100,blank=True, null=True) [static]

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

- tcc/models.py

6.76 Automation.tcc.models.ProgrammeForm Class Reference

Inheritance diagram for Automation.tcc.models.ProgrammeForm:



Classes

- class Meta

Static Public Attributes

- tuple staff

6.76.1 Member Data Documentation

6.76.1.1 tuple Automation.tcc.models.ProgrammeForm.staff [static]

Initial value:

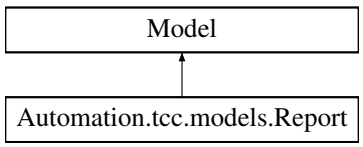
```
1 = forms.ModelMultipleChoiceField(queryset=Prog_letter.objects.all(),
2         required=False, widget=forms.CheckboxSelectMultiple)
```

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

- tcc/models.py

6.77 Automation.tcc.models.Report Class Reference

Inheritance diagram for Automation.tcc.models.Report:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple name = models.CharField(max_length=50)

6.77.1 Detailed Description

```
** Report **

Report Class to reterive any Report Information,
when we fill Job Number and type of Report Store in Database
```

6.77.2 Member Function Documentation

6.77.2.1 def Automation.tcc.models.Report.__unicode__ (*self*)

6.77.3 Member Data Documentation

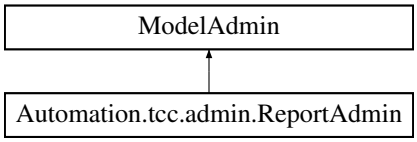
6.77.3.1 tuple Automation.tcc.models.Report.name = models.CharField(max_length=50) [static]

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

- tcc/models.py

6.78 Automation.tcc.admin.ReportAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.ReportAdmin:



Static Public Attributes

- tuple list_display = ('id', 'name')
- tuple search_fields = ('name',)
- list list_filter = ['name']

6.78.1 Detailed Description

```
** ReportAdmin **

Report Admin is used to add, edit or delete the type of work(like
Lab or Field work) directly by the admin.
```

6.78.2 Member Data Documentation

6.78.2.1 tuple Automation.tcc.admin.ReportAdmin.list_display = ('id', 'name') [static]

6.78.2.2 list Automation.tcc.admin.ReportAdmin.list_filter = ['name'] [static]

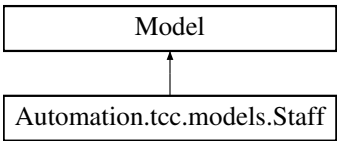
6.78.2.3 tuple Automation.tcc.admin.ReportAdmin.search_fields = ('name',) [static]

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

- tcc/admin.py

6.79 Automation.tcc.models.Staff Class Reference

Inheritance diagram for Automation.tcc.models.Staff:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple department = models.ForeignKey(Department)
- tuple code = models.CharField(max_length=5)
- tuple name = models.CharField(max_length=50)
- tuple daily_income = models.IntegerField(blank=True)
- tuple position = models.CharField(max_length=100)
- tuple lab = models.ForeignKey(Lab)
- tuple email = models.EmailField(blank=True)

6.79.1 Detailed Description

```
** Staff **

Staff Class define all fields required to submit detail about a
particular Staff member.
```

6.79.2 Member Function Documentation

6.79.2.1 def Automation.tcc.models.Staff.__unicode__ (*self*)

6.79.3 Member Data Documentation

6.79.3.1 tuple Automation.tcc.models.Staff.code = models.CharField(max_length=5) [static]

6.79.3.2 tuple Automation.tcc.models.Staff.daily_income = models.IntegerField(blank=True) [static]

6.79.3.3 tuple Automation.tcc.models.Staff.department = models.ForeignKey(Department) [static]

6.79.3.4 tuple Automation.tcc.models.Staff.email = models.EmailField(blank=True) [static]

6.79.3.5 tuple Automation.tcc.models.Staff.lab = models.ForeignKey(Lab) [static]

6.79.3.6 tuple Automation.tcc.models.Staff.name = models.CharField(max_length=50) [static]

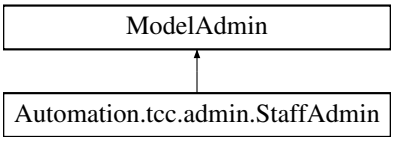
6.79.3.7 tuple Automation.tcc.models.Staff.position = models.CharField(max_length=100) [static]

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

- tcc/models.py

6.80 Automation.tcc.admin.StaffAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.StaffAdmin:



Static Public Attributes

- tuple list_display
- tuple search_fields = ('code',)
- list list_filter = ['code']

6.80.1 Detailed Description

```
** StaffAdmin **

Staff Admin is used to add, edit or delete the staff members of
particular lab and there inforamtion directly by the admin.
```

6.80.2 Member Data Documentation

6.80.2.1 tuple Automation.tcc.admin.StaffAdmin.list_display [static]

Initial value:

```
1 = ('department','code', 'name','daily_income',
2     'position','lab')
```

6.80.2.2 list Automation.tcc.admin.StaffAdmin.list_filter = ['code'] [static]

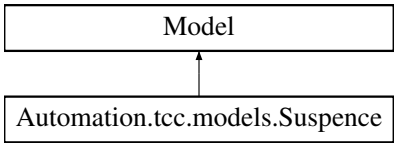
6.80.2.3 tuple Automation.tcc.admin.StaffAdmin.search_fields = ('code',) [static]

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

- tcc/admin.py

6.81 Automation.tcc.models.Suspence Class Reference

Inheritance diagram for Automation.tcc.models.Suspence:



Static Public Attributes

- tuple job = models.ForeignKey(Job)
- tuple rate = models.IntegerField(null=True, blank=True)
- tuple sus = models.ForeignKey(SuspenceJob, null=True,blank=True)
- tuple work_charge = models.IntegerField(null=True, blank=True)
- tuple labour_charge = models.IntegerField(blank=True, null=True)
- tuple boring_charge_external = models.IntegerField(blank=True, null=True)
- tuple boring_charge_internal = models.IntegerField(blank=True, null=True)
- tuple car_taxi_charge = models.IntegerField(blank=True, null=True)
- tuple lab_testing_staff = models.CharField(max_length=90,blank=True)
- tuple field_testing_staff = models.CharField(max_length=90,blank=True)
- tuple test_date = models.DateField(blank=True, null=True)
- tuple suspence_bill_no = models.IntegerField(blank=True, null=True)

6.81.1 Detailed Description

```
** Suspence **

Suspence Class define all fields required to submit detail about
a Suspence Job.
```

6.81.2 Member Data Documentation

6.81.2.1 tuple Automation.tcc.models.Suspence.boring_charge_external = models.IntegerField(blank=True, null=True) [static]

6.81.2.2 tuple Automation.tcc.models.Suspence.boring_charge_internal = models.IntegerField(blank=True, null=True) [static]

6.81.2.3 tuple Automation.tcc.models.Suspence.car_taxi_charge = models.IntegerField(blank=True, null=True) [static]

6.81.2.4 tuple Automation.tcc.models.Suspence.field_testing_staff = models.CharField(max_length=90,blank=True) [static]

6.81.2.5 tuple Automation.tcc.models.Suspence.job = models.ForeignKey(Job) [static]

6.81.2.6 tuple Automation.tcc.models.Suspence.lab_testing_staff = models.CharField(max_length=90,blank=True) [static]

6.81.2.7 tuple Automation.tcc.models.Suspence.labour_charge = models.IntegerField(blank=True, null=True) [static]

6.81.2.8 tuple Automation.tcc.models.Suspence.rate = models.IntegerField(null=True, blank=True) [static]

6.81.2.9 tuple Automation.tcc.models.Suspence.sus = models.ForeignKey(SuspenceJob, null=True,blank=True) [static]

6.81.2.10 tuple Automation.tcc.models.Suspence.suspence_bill_no = models.IntegerField(blank=True, null=True) [static]

6.81.2.11 tuple Automation.tcc.models.Suspence.test_date = models.DateField(blank=True, null=True) [static]

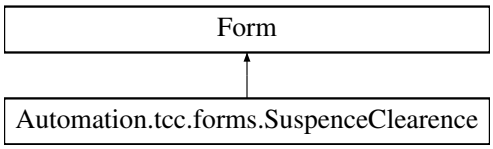
6.81.2.12 tuple Automation.tcc.models.Suspence.work_charge = models.IntegerField(null=True, blank=True) [static]

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

- tcc/models.py

6.82 Automation.tcc.forms.SuspenceClearence Class Reference

Inheritance diagram for Automation.tcc.forms.SuspenceClearence:



Static Public Attributes

- tuple labour_charge = forms.IntegerField(initial= '0')
- tuple car_taxi_charge = forms.IntegerField(initial= '0')
- tuple boring_charge_external = forms.IntegerField(initial= '0')
- tuple boring_charge_internal = forms.IntegerField(initial= 0)
- tuple lab_testing_staff = forms.CharField(max_length = 20)
- tuple field_testing_staff = forms.CharField(max_length = 20,required=False)

6.82.1 Detailed Description

```
**SuspenceClearance**

Suspence Clearence Form for adding extra Charges like labour, car taxi, boring charge, etc.
```

6.82.2 Member Data Documentation

6.82.2.1 tuple Automation.tcc.forms.SuspenceClearence.boring_charge_external = forms.IntegerField(initial= '0') [static]

6.82.2.2 tuple Automation.tcc.forms.SuspenceClearence.boring_charge_internal = forms.IntegerField(initial= 0) [static]

6.82.2.3 tuple Automation.tcc.forms.SuspenceClearence.car_taxi_charge = forms.IntegerField(initial= '0') [static]

6.82.2.4 tuple Automation.tcc.forms.SuspenceClearence.field_testing_staff = forms.CharField(max_length = 20,required=False) [static]

6.82.2.5 tuple Automation.tcc.forms.SuspenceClearence.lab_testing_staff = forms.CharField(max_length = 20) [static]

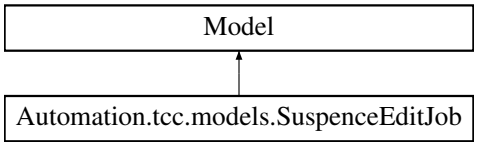
6.82.2.6 tuple Automation.tcc.forms.SuspenceClearence.labour_charge = forms.IntegerField(initial= '0') [static]

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

- tcc/forms.py

6.83 Automation.tcc.models.SuspenceEditJob Class Reference

Inheritance diagram for Automation.tcc.models.SuspenceEditJob:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple job = models.ForeignKey(EditJob)
- tuple field = models.ForeignKey(Material)
- tuple test = models.ForeignKey(Test,blank=True,null=True)
- tuple other = models.CharField(max_length=600, blank=True)

6.83.1 Detailed Description

```
**SuspenceEditJob**

SuspenceJob Class is used to define all fields required to submit
detail about new performa Suspence Job.
```

6.83.2 Member Function Documentation

6.83.2.1 def Automation.tcc.models.SuspenceEditJob.__unicode__ (*self*)

6.83.3 Member Data Documentation

6.83.3.1 tuple Automation.tcc.models.SuspenceEditJob.field = models.ForeignKey(Material) [static]

6.83.3.2 tuple Automation.tcc.models.SuspenceEditJob.job = models.ForeignKey(EditJob) [static]

6.83.3.3 tuple Automation.tcc.models.SuspenceEditJob.other = models.CharField(max_length=600, blank=True) [static]

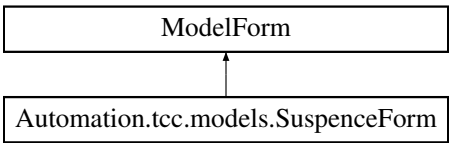
6.83.3.4 tuple Automation.tcc.models.SuspenceEditJob.test = models.ForeignKey(Test,blank=True,null=True) [static]

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

- tcc/models.py

6.84 Automation.tcc.models.SuspenceForm Class Reference

Inheritance diagram for Automation.tcc.models.SuspenceForm:



Classes

- class Meta

6.84.1 Detailed Description

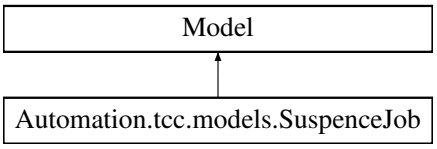
```
** SuspenceForm **

SuspenceForm Class define form for Suspence model.
```

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

- tcc/models.py

6.85 Automation.tcc.models.SuspenceJob Class Reference

Inheritance diagram for Automation.tcc.models.SuspenceJob:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple job = models.ForeignKey(Job)
- tuple field = models.ForeignKey(Material)
- tuple test = models.ForeignKey(Test,blank=True,null=True)
- tuple other = models.CharField(max_length=600, blank=True)

6.85.1 Detailed Description

```
**SuspenceJob**

SuspenceJob Class is used to define all fields required to submit
detail about new Suspence Job.
```

6.85.2 Member Function Documentation

6.85.2.1 def Automation.tcc.models.SuspenceJob.__unicode__ (*self*)

6.85.3 Member Data Documentation

6.85.3.1 tuple Automation.tcc.models.SuspenceJob.field = models.ForeignKey(Material) [static]

6.85.3.2 tuple Automation.tcc.models.SuspenceJob.job = models.ForeignKey(Job) [static]

6.85.3.3 tuple Automation.tcc.models.SuspenceJob.other = models.CharField(max_length=600, blank=True) [static]

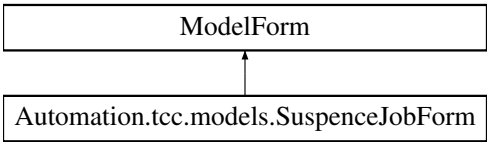
6.85.3.4 tuple Automation.tcc.models.SuspenceJob.test = models.ForeignKey(Test,blank=True,null=True) [static]

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

- tcc/models.py

6.86 Automation.tcc.models.SuspenceJobForm Class Reference

Inheritance diagram for Automation.tcc.models.SuspenceJobForm:



Classes

- class Meta

6.86.1 Detailed Description

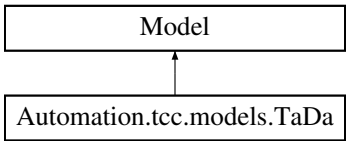
```
** SuspenceJobForm **

SuspenceJobForm Class define the form for SuspenceJob model.
```

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

- tcc/models.py

6.87 Automation.tcc.models.TaDa Class Reference

Inheritance diagram for Automation.tcc.models.TaDa:



Static Public Attributes

- tuple job = models.ForeignKey(Job)
- tuple departure_time_up = models.TimeField(default = "00:00:00")
- tuple arrival_time_up = models.TimeField(default = "00:00:00")
- tuple departure_time_down = models.TimeField(default = "00:00:00")
- tuple arrival_time_down = models.TimeField(default = "00:00:00")
- tuple tada_amount = models.IntegerField(blank=True, null=True, editable=False)

- tuple reach_site = models.CharField(max_length=60, blank=True)
- tuple test_date = models.CharField(max_length=15)
- tuple end_date = models.CharField(max_length=15)
- tuple testing_staff_code = models.CharField(max_length=50)

6.87.1 Detailed Description

```
** TaDa **

TaDa Class define all fields required to submit detail about
transport and Daily Allowance for a particular Job id.
```

6.87.2 Member Data Documentation

6.87.2.1 tuple Automation.tcc.models.TaDa.arrival_time_down = models.TimeField(default = "00:00:00") [static]

6.87.2.2 tuple Automation.tcc.models.TaDa.arrival_time_up = models.TimeField(default = "00:00:00") [static]

6.87.2.3 tuple Automation.tcc.models.TaDa.departure_time_down = models.TimeField(default = "00:00:00") [static]

6.87.2.4 tuple Automation.tcc.models.TaDa.departure_time_up = models.TimeField(default = "00:00:00") [static]

6.87.2.5 tuple Automation.tcc.models.TaDa.end_date = models.CharField(max_length=15) [static]

6.87.2.6 tuple Automation.tcc.models.TaDa.job = models.ForeignKey(Job) [static]

6.87.2.7 tuple Automation.tcc.models.TaDa.reach_site = models.CharField(max_length=60, blank=True) [static]

6.87.2.8 tuple Automation.tcc.models.TaDa.tada_amount = models.IntegerField(blank=True, null=True, editable=False) [static]

6.87.2.9 tuple Automation.tcc.models.TaDa.test_date = models.CharField(max_length=15) [static]

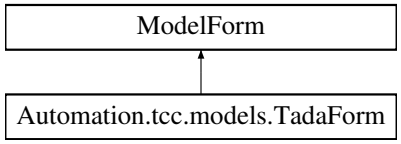
6.87.2.10 tuple Automation.tcc.models.TaDa.testing_staff_code = models.CharField(max_length=50) [static]

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

- tcc/models.py

6.88 Automation.tcc.models.TadaForm Class Reference

Inheritance diagram for Automation.tcc.models.TadaForm:



Classes

- class Meta

6.88.1 Detailed Description

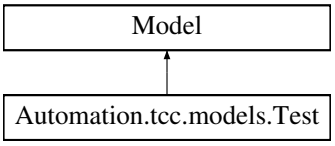
```
** TadaForm **

TadaForm Class define form for Tada model.
```

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

- tcc/models.py

6.89 Automation.tcc.models.Test Class Reference

Inheritance diagram for Automation.tcc.models.Test:



Public Member Functions

- def __unicode__
- def get_tags

Static Public Attributes

- tuple material = models.ForeignKey(Material)
- tuple name = models.CharField(max_length=300)
- tuple quantity = models.IntegerField(blank=True, null=True)
- tuple unit = models.CharField(max_length=15)
- tuple cost = models.IntegerField(blank=True, null=True)
- tuple tags = TagField()

6.89.1 Detailed Description

```
** Test **

Test Class define all fields required to submit detail about a
test under a Material.
```

6.89.2 Member Function Documentation

6.89.2.1 def Automation.tcc.models.Test.__unicode__ (*self*)

6.89.2.2 def Automation.tcc.models.Test.get_tags (*self*)

6.89.3 Member Data Documentation

6.89.3.1 tuple Automation.tcc.models.Test.cost = models.IntegerField(blank=True, null=True) [static]

6.89.3.2 tuple Automation.tcc.models.Test.material = models.ForeignKey(Material) [static]

6.89.3.3 tuple Automation.tcc.models.Test.name = models.CharField(max_length=300) [static]

6.89.3.4 tuple Automation.tcc.models.Test.quantity = models.IntegerField(blank=True, null=True) [static]

6.89.3.5 tuple Automation.tcc.models.Test.tags = TagField() [static]

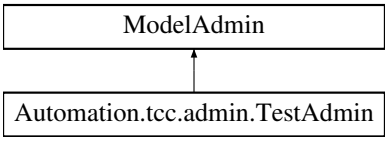
6.89.3.6 tuple Automation.tcc.models.Test.unit = models.CharField(max_length=15) [static]

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

- tcc/models.py

6.90 Automation.tcc.admin.TestAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.TestAdmin:



Static Public Attributes

- tuple list_display = ('material', 'name','quantity','unit','cost')
- tuple search_fields = ('name',)
- list list_filter = ['name']

6.90.1 Detailed Description

```
** TestAdmin **

Test Admin is used to add, edit or delete the tests performed on
the material and there inforamtion directly by the admin.
```

6.90.2 Member Data Documentation

6.90.2.1 tuple Automation.tcc.admin.TestAdmin.list_display = ('material', 'name','quantity','unit','cost') [static]

6.90.2.2 list Automation.tcc.admin.TestAdmin.list_filter = ['name'] [static]

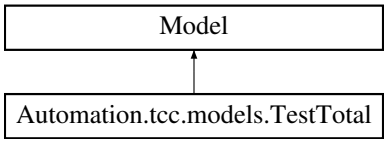
6.90.2.3 tuple Automation.tcc.admin.TestAdmin.search_fields = ('name',) [static]

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

- tcc/admin.py

6.91 Automation.tcc.models.TestTotal Class Reference

Inheritance diagram for Automation.tcc.models.TestTotal:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple job = models.ForeignKey(Job)
- tuple unit_price = models.IntegerField(blank=True,null=True)

6.91.1 Detailed Description

```
** TestTotal **

TestTotal Class define all fields required to submit amount detail
about a job_id.
```

6.91.2 Member Function Documentation

6.91.2.1 def Automation.tcc.models.TestTotal.__unicode__ (*self*)

6.91.3 Member Data Documentation

6.91.3.1 tuple Automation.tcc.models.TestTotal.job = models.ForeignKey(Job) [static]

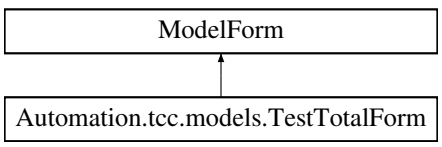
6.91.3.2 tuple Automation.tcc.models.TestTotal.unit_price = models.IntegerField(blank=True,null=True) [static]

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

- tcc/models.py

6.92 Automation.tcc.models.TestTotalForm Class Reference

Inheritance diagram for Automation.tcc.models.TestTotalForm:



Classes

- class Meta

6.92.1 Detailed Description

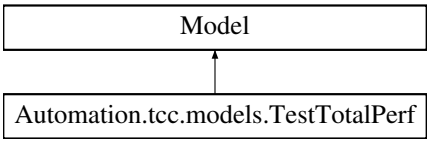
```
** TestTotalForm **

TestTotalForm Class define the form for TestTotal model.
```

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

- tcc/models.py

6.93 Automation.tcc.models.TestTotalPerf Class Reference

Inheritance diagram for Automation.tcc.models.TestTotalPerf:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple job = models.ForeignKey(EditJob)
- tuple unit_price = models.IntegerField(blank=True,null=True)
- tuple rate = models.IntegerField(null=True, blank=True)

6.93.1 Detailed Description

```
** TestTotalPerf **

TestTotalPerf Class define all fields required to submit amount
detail about a performa job_id.
```

6.93.2 Member Function Documentation

6.93.2.1 def Automation.tcc.models.TestTotalPerf.__unicode__ (*self*)

6.93.3 Member Data Documentation

6.93.3.1 tuple Automation.tcc.models.TestTotalPerf.job = models.ForeignKey(EditJob) [static]

6.93.3.2 tuple Automation.tcc.models.TestTotalPerf.rate = models.IntegerField(null=True, blank=True) [static]

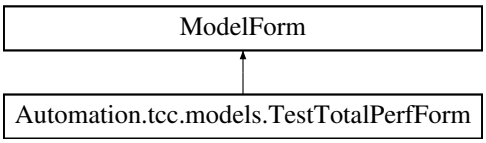
6.93.3.3 tuple Automation.tcc.models.TestTotalPerf.unit_price = models.IntegerField(blank=True,null=True) [static]

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

- tcc/models.py

6.94 Automation.tcc.models.TestTotalPerfForm Class Reference

Inheritance diagram for Automation.tcc.models.TestTotalPerfForm:



Classes

- class Meta

6.94.1 Detailed Description

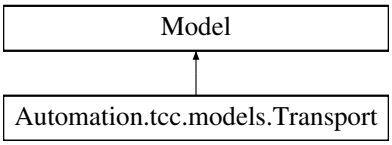
```
** TestTotalForm **

TestTotalForm Class define the form for TestTotal model.
```

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

- tcc/models.py

6.95 Automation.tcc.models.Transport Class Reference

Inheritance diagram for Automation.tcc.models.Transport:



Static Public Attributes

- tuple vehicle = models.ForeignKey(Transportation)
- tuple id = models.AutoField(primary_key=True)
- tuple job_no = models.IntegerField()
- tuple bill_no = models.IntegerField(null=True, editable=False)
- tuple kilometer = models.CharField(max_length=150, default="00, 00, 00")
- tuple amounts = models.CharField(max_length=180, blank=True,editable=False)
- tuple total = models.IntegerField(blank=True, null=True , editable=False)
- tuple date = models.DateField(default=datetime.date.today())
- tuple test_date

6.95.1 Detailed Description

```
** Transport **

Transport Class define all fields required for transportation for
a particular job id.
```

6.95.2 Member Data Documentation

6.95.2.1 tuple Automation.tcc.models.Transport.amounts = models.CharField(max_length=180, blank=True,editable=False) [static]

6.95.2.2 tuple Automation.tcc.models.Transport.bill_no = models.IntegerField(null=True, editable=False) [static]

6.95.2.3 tuple Automation.tcc.models.Transport.date = models.DateField(default=datetime.date.today()) [static]

6.95.2.4 tuple Automation.tcc.models.Transport.id = models.AutoField(primary_key=True) [static]

6.95.2.5 tuple Automation.tcc.models.Transport.job_no = models.IntegerField() [static]

6.95.2.6 tuple Automation.tcc.models.Transport.kilometer = models.CharField(max_length=150, default="00, 00, 00") [static]

6.95.2.7 tuple Automation.tcc.models.Transport.test_date [static]

Initial value:

```
1 = models.CharField(max_length=300, default="0000-00-00,\
2     0000-00-00")
```

6.95.2.8 tuple Automation.tcc.models.Transport.total = models.IntegerField(blank=True, null=True , editable=False) [static]

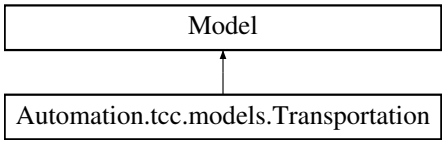
6.95.2.9 tuple Automation.tcc.models.Transport.vehicle = models.ForeignKey(Transportation) [static]

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

- tcc/models.py

6.96 Automation.tcc.models.Transportation Class Reference

Inheritance diagram for Automation.tcc.models.Transportation:



Public Member Functions

- def __str__

Static Public Attributes

- tuple vehicleno = models.CharField(max_length=150)
- tuple rate = models.IntegerField(default='7')

6.96.1 Detailed Description

```
** Transportation **

Transportation Class define all fields required to submit detail
about transportation.
```

6.96.2 Member Function Documentation

6.96.2.1 def Automation.tcc.models.Transportation.__str__ (*self*)

6.96.3 Member Data Documentation

6.96.3.1 tuple Automation.tcc.models.Transportation.rate = models.IntegerField(default='7') [static]

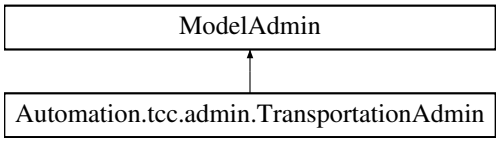
6.96.3.2 tuple Automation.tcc.models.Transportation.vehicleno = models.CharField(max_length=150) [static]

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

- tcc/models.py

6.97 Automation.tcc.admin.TransportationAdmin Class Reference

Inheritance diagram for Automation.tcc.admin.TransportationAdmin:



Static Public Attributes

- tuple list_display = ('vehicleno','rate')
- tuple search_fields = ('vehicleno',)
- list list_filter = ['vehicleno']

6.97.1 Detailed Description

```
** TransportationAdmin **

Transportation Admin is used to add, edit or delete the
transportation inforamtion directly by the admin.
```

6.97.2 Member Data Documentation

6.97.2.1 tuple Automation.tcc.admin.TransportationAdmin.list_display = ('vehicleno','rate') [static]

6.97.2.2 list Automation.tcc.admin.TransportationAdmin.list_filter = ['vehicleno'] [static]

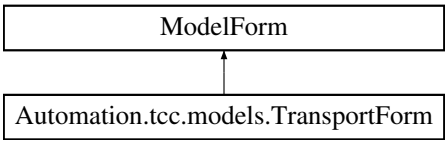
6.97.2.3 tuple Automation.tcc.admin.TransportationAdmin.search_fields = ('vehicleno',) [static]

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

- tcc/admin.py

6.98 Automation.tcc.models.TransportForm Class Reference

Inheritance diagram for Automation.tcc.models.TransportForm:



Classes

- class Meta

6.98.1 Detailed Description

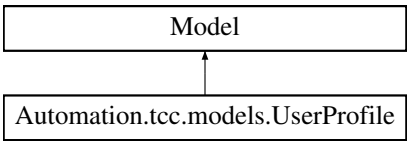
```
** TransportForm **

TransportForm Class define form for Transport model.
```

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

- tcc/models.py

6.99 Automation.tcc.models.UserProfile Class Reference

Inheritance diagram for Automation.tcc.models.UserProfile:



Public Member Functions

- def __unicode__

Static Public Attributes

- tuple user = models.ForeignKey(User)
- tuple first_name = models.CharField(max_length=100)
- tuple middle_name = models.CharField(max_length=100,blank=True, null=True)
- tuple last_name = models.CharField(max_length=100,blank=True, null=True)
- tuple address = models.CharField(max_length=255,blank=True, null=True)
- tuple company = models.CharField(max_length=255,blank=True, null=True)
- tuple city = models.CharField(blank=True,max_length=255, null=True)
- tuple pin_code = models.IntegerField(blank=True,null=True)

- tuple state
- tuple website = models.URLField(blank=True, null=True)
- tuple email_address = models.EmailField(max_length=70, blank=True, null=True)
- tuple contact_no = models.CharField(max_length=500)
- tuple type_of_organisation
- tuple date = models.DateField(auto_now_add=True)

6.99.1 Detailed Description

```
** UserProfile **

UserProfile Class define all field required to submit detail about
new Client.
```

6.99.2 Member Function Documentation

6.99.2.1 def Automation.tcc.models.UserProfile.__unicode__ (*self*)

6.99.3 Member Data Documentation

6.99.3.1 tuple Automation.tcc.models.UserProfile.address = models.CharField(max_length=255,blank=True, null=True) [static]

6.99.3.2 tuple Automation.tcc.models.UserProfile.city = models.CharField(blank=True,max_length=255, null=True) [static]

6.99.3.3 tuple Automation.tcc.models.UserProfile.company = models.CharField(max_length=255,blank=True, null=True) [static]

6.99.3.4 tuple Automation.tcc.models.UserProfile.contact_no = models.CharField(max_length=500) [static]

6.99.3.5 tuple Automation.tcc.models.UserProfile.date = models.DateField(auto_now_add=True) [static]

6.99.3.6 tuple Automation.tcc.models.UserProfile.email_address = models.EmailField(max_length=70, blank=True, null=True) [static]

6.99.3.7 tuple Automation.tcc.models.UserProfile.first_name = models.CharField(max_length=100) [static]

6.99.3.8 tuple Automation.tcc.models.UserProfile.last_name = models.CharField(max_length=100,blank=True, null=True) [static]

6.99.3.9 tuple Automation.tcc.models.UserProfile.middle_name = models.CharField(max_length=100,blank=True, null=True) [static]

6.99.3.10 tuple Automation.tcc.models.UserProfile.pin_code = models.IntegerField(blank=True,null=True) [static]

6.99.3.11 tuple Automation.tcc.models.UserProfile.state [static]

Initial value:

```
1 = models.CharField(max_length=30,choices=STATES_CHOICES,
2     default='Punjab')
```

6.99.3.12 tuple Automation.tcc.models.UserProfile.type_of_organisation [static]

Initial value:

```
1 = models.CharField(max_length=20, choices =
2     ORGANISATION_CHOICES)
```

6.99.3.13 tuple Automation.tcc.models.UserProfile.user = models.ForeignKey(User) [static]

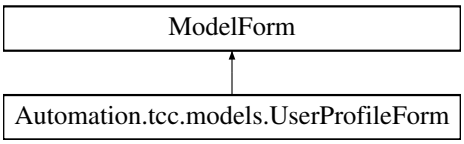
6.99.3.14 tuple Automation.tcc.models.UserProfile.website = models.URLField(blank=True, null=True) [static]

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

- tcc/models.py

6.100 Automation.tcc.models.UserProfileForm Class Reference

Inheritance diagram for Automation.tcc.models.UserProfileForm:



Classes

- class Meta

6.100.1 Detailed Description

```
** UserProfileForm **

UserProfileForm Class define the form for UserProfile model.
```

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

- tcc/models.py

Chapter 7

File Documentation

7.1 settings.py File Reference

Namespaces

- Automation.settings

Variables

- Automation.settings.DEBUG = True
- Automation.settings.TEMPLATE_DEBUG = DEBUG
- tuple Automation.settings.ADMINS
- Automation.settings.MANAGERS = ADMINS
- dictionary Automation.settings.DATABASES
- string Automation.settings.TIME_ZONE = 'Asia/Kolkata'
- string Automation.settings.LANGUAGE_CODE = 'en-us'
- int Automation.settings.SITE_ID = 1
- string Automation.settings.DEFAULT_FROM_EMAIL = 'user@host.com'
- string Automation.settings.EMAIL_HOST = 'smtp.host.com'
- string Automation.settings.EMAIL_HOST_USER = 'user@host.com'
- string Automation.settings.EMAIL_HOST_PASSWORD = 'user@host.com'
- Automation.settings.EMAIL_USE_TLS = True
- string Automation.settings.EMAIL_PORT = "587"
- string Automation.settings.SESSION_KEY = '_auth_user_id'
- string Automation.settings.BACKEND_SESSION_KEY = '_auth_user_backend'
- Automation.settings.USE_I18N = True
- Automation.settings.USE_L10N = True
- string Automation.settings.MEDIA_ROOT = '/usr/local/lib/python2.7/dist-packages/django/contrib/admin/media/'
- string Automation.settings.STATIC_ROOT = 'mpath/Automation/static/'
- string Automation.settings.LOCAL_URL = 'http://localhost/'
- string Automation.settings.MEDIA_URL = '/media/'
- string Automation.settings.STATIC_URL = '/static'
- string Automation.settings.ADMIN_MEDIA_PREFIX = '/media/'
- string Automation.settings.AUTH_PROFILE_MODULE = 'tcc.UserProfile'
- tuple Automation.settings.STATICFILES_DIRS
- tuple Automation.settings.STATICFILES_FINDERS
- string Automation.settings.SECRET_KEY = '@3t%hg=e4%fuwrxhq#qm4gp!%0albmve6natdxiqoxcx8#8$wd'
- string Automation.settings.EASY_MAPS_GOOGLE_KEY = "AIzaSyDRekokepCbXBsF7DC8uyR_95pikeWd-Pqc"

- tuple Automation.settings.TEMPLATE_LOADERS
- tuple Automation.settings.TEMPLATE_CONTEXT_PROCESSORS
- tuple Automation.settings.MIDDLEWARE_CLASSES
- string Automation.settings.ROOT_URLCONF = 'Automation.urls'
- tuple Automation.settings.TEMPLATE_DIRS
- tuple Automation.settings.INSTALLED_APPS
- int Automation.settings.ACCOUNT_ACTIVATION_DAYS = 2
- string Automation.settings.LOGIN_REDIRECT_URL = '/automation/tcc/index'

7.2 tcc/admin.py File Reference

Classes

- class Automation.tcc.admin.JobAdmin
- class Automation.tcc.admin.ClientAdmin
- class Automation.tcc.admin.LabAdmin
- class Automation.tcc.admin.DistributionAdmin
- class Automation.tcc.admin.GovtAdmin
- class Automation.tcc.admin.ReportAdmin
- class Automation.tcc.admin.PaymentAdmin
- class Automation.tcc.admin.MaterialAdmin
- class Automation.tcc.admin.MatCommentAdmin
- class Automation.tcc.admin.TestAdmin
- class Automation.tcc.admin.OrganisationAdmin
- class Automation.tcc.admin.DepartmentAdmin
- class Automation.tcc.admin.StaffAdmin
- class Automation.tcc.admin.TransportationAdmin

Namespaces

- Automation.tcc.admin

7.3 tcc/choices.py File Reference

Namespaces

- Automation.tcc.choices

Variables

- tuple Automation.tcc.choices.STATES_CHOICES
- tuple Automation.tcc.choices.MONTH_CHOICES
- tuple Automation.tcc.choices.YEAR_CHOICES
- tuple Automation.tcc.choices.DAY_CHOICES
- tuple Automation.tcc.choices.DAILY_CHOICES
- tuple Automation.tcc.choices.ORGANISATION_CHOICES

7.4 tcc/convert_function.py File Reference

Namespaces

- Automation.tcc.convert_function

Functions

- def Automation.tcc.convert_function.num2eng

7.5 tcc/forms.py File Reference

Classes

- class Automation.tcc.forms.SuspenceClearence
- class Automation.tcc.forms.ContactForm
- class Automation.tcc.forms.MonthlyReportadd
- class Automation.tcc.forms.DailyReportadd
- class Automation.tcc.forms.MonthlyReport
- class Automation.tcc.forms.DateReport
- class Automation.tcc.forms.GovPriReport
- class Automation.tcc.forms.CashBook

Namespaces

- Automation.tcc.forms

7.6 tcc/functions.py File Reference

Namespaces

- Automation.tcc.functions

Functions

- def Automation.tcc.functions.retrieve
- def Automation.tcc.functions.dates
- def Automation.tcc.functions.ratio1
- def Automation.tcc.functions.ratio2
- def Automation.tcc.functions.months
- def Automation.tcc.functions.normalize_query
- def Automation.tcc.functions.get_query

Variables

- int Automation.tcc.functions.individual_ratio1 = 60
- int Automation.tcc.functions.individual_ratio2 = 40
- int Automation.tcc.functions.institutional_ratio1 = 40
- int Automation.tcc.functions.institutional_ratio2 = 60
- int Automation.tcc.functions.routine_ratio1 = 30
- int Automation.tcc.functions.routine_ratio2 = 70

7.7 tcc/models.py File Reference

Classes

- class Automation.tcc.models.Report
- class Automation.tcc.models.UserProfile
- class Automation.tcc.models.UserProfileForm
- class Automation.tcc.models.UserProfileForm.Meta
- class Automation.tcc.models.Organisation
- class Automation.tcc.models.Department
- class Automation.tcc.models.Distribution
- class Automation.tcc.models.Lab
- class Automation.tcc.models.MatComment
- class Automation.tcc.models.Material
- class Automation.tcc.models.Test
- class Automation.tcc.models.Clientadd
- class Automation.tcc.models.editClientadd
- class Automation.tcc.models.Govt
- class Automation.tcc.models.Payment
- class Automation.tcc.models.Job
- class Automation.tcc.models.NonPaymentJob
- class Automation.tcc.models.NonPaymentJobForm
- class Automation.tcc.models.NonPaymentJobForm.Meta
- class Automation.tcc.models.EditJob
- class Automation.tcc.models.JobForm
- class Automation.tcc.models.JobForm.Meta
- class Automation.tcc.models.AdvancedForm
- class Automation.tcc.models.AdvancedForm.Meta
- class Automation.tcc.models.editJobForm
- class Automation.tcc.models.editJobForm.Meta
- class Automation.tcc.models.ClientJob
- class Automation.tcc.models.ClientEditJob
- class Automation.tcc.models.ClientJobForm
- class Automation.tcc.models.ClientJobForm.Meta
- class Automation.tcc.models.ClientjobForm
- class Automation.tcc.models.ClientjobForm.Meta
- class Automation.tcc.models.editClientJobForm
- class Automation.tcc.models.editClientJobForm.Meta
- class Automation.tcc.models.SuspenceJob
- class Automation.tcc.models.SuspenceEditJob
- class Automation.tcc.models.SuspenceJobForm
- class Automation.tcc.models.SuspenceJobForm.Meta
- class Automation.tcc.models.editSuspenceJobForm
- class Automation.tcc.models.editSuspenceJobForm.Meta
- class Automation.tcc.models.TestTotal
- class Automation.tcc.models.TestTotalForm
- class Automation.tcc.models.TestTotalForm.Meta
- class Automation.tcc.models.TestTotalPerf
- class Automation.tcc.models.TestTotalPerfForm
- class Automation.tcc.models.TestTotalPerfForm.Meta
- class Automation.tcc.models.Bill
- class Automation.tcc.models.BillForm
- class Automation.tcc.models.BillForm.Meta
- class Automation.tcc.models.BillForm

- class Automation.tcc.models.BillForm.Meta
- class Automation.tcc.models.BillPerf
- class Automation.tcc.models.Amount
- class Automation.tcc.models.CdfAmount
- class Automation.tcc.models.Distance
- class Automation.tcc.models.DistanceForm
- class Automation.tcc.models.DistanceForm.Meta
- class Automation.tcc.models.Distanceperf
- class Automation.tcc.models.DistanceperfForm
- class Automation.tcc.models.DistanceperfForm.Meta
- class Automation.tcc.models.Suspence
- class Automation.tcc.models.SuspenceForm
- class Automation.tcc.models.SuspenceForm.Meta
- class Automation.tcc.models.Staff
- class Automation.tcc.models.ProfromaTax
- class Automation.tcc.models.TaDa
- class Automation.tcc.models.TadaForm
- class Automation.tcc.models.TadaForm.Meta
- class Automation.tcc.models.Transportation
- class Automation.tcc.models.Transport
- class Automation.tcc.models.TransportForm
- class Automation.tcc.models.TransportForm.Meta
- class Automation.tcc.models.Bankdetails
- class Automation.tcc.models.BankdetailsForm
- class Automation.tcc.models.BankdetailsForm.Meta
- class Automation.tcc.models.LabReport
- class Automation.tcc.models.Prog_letter
- class Automation.tcc.models.Programme
- class Automation.tcc.models.ProgrammeForm
- class Automation.tcc.models.ProgrammeForm.Meta

Namespaces

- Automation.tcc.models

7.8 tcc/variable.py File Reference

Namespaces

- Automation.tcc.variable

Variables

- int Automation.tcc.variable.collegeincome = 15
- int Automation.tcc.variable.admincharge = 5
- int Automation.tcc.variable.workcharge = 2
- int Automation.tcc.variable.routine_ratio1 = 30
- int Automation.tcc.variable.routine_ratio2 = 70
- float Automation.tcc.variable.servicetax = 0.12
- float Automation.tcc.variable.servicetaxprint = 12.0
- float Automation.tcc.variable.educationtax = 0.0024
- float Automation.tcc.variable.educationtaxprint = 0.24

- float Automation.tcc.variable.highereducationtax = 0.0012
- float Automation.tcc.variable.highereducationtaxprint = 0.12
- int Automation.tcc.variable.individual_ratio1 = 60
- int Automation.tcc.variable.individual_ratio2 = 40
- int Automation.tcc.variable.institutional_ratio1 = 40
- int Automation.tcc.variable.institutional_ratio2 = 60

7.9 tcc/views.py File Reference

Namespaces

- Automation.tcc.views

Functions

- def Automation.tcc.views.index1
- def Automation.tcc.views.edit_profile
- def Automation.tcc.views.profile
- def Automation.tcc.views.non_payment_job
- def Automation.tcc.views.performa
- def Automation.tcc.views.previous
- def Automation.tcc.views.material
- def Automation.tcc.views.rate
- def Automation.tcc.views.selectfield
- def Automation.tcc.views.select
- def Automation.tcc.views.add_job
- def Automation.tcc.views.add_job_other_test
- def Automation.tcc.views.add_suspence
- def Automation.tcc.views.gen_report
- def Automation.tcc.views.gen_report_other
- def Automation.tcc.views.job_submit
- def Automation.tcc.views.job_ok
- def Automation.tcc.views.get_documents
- def Automation.tcc.views.bill
- def Automation.tcc.views.receipt_report
- def Automation.tcc.views.additional
- def Automation.tcc.views.s_report
- def Automation.tcc.views.g_report
- def Automation.tcc.views.rep
- def Automation.tcc.views.transport
- def Automation.tcc.views.transport_bill
- def Automation.tcc.views.ta_da
- def Automation.tcc.views.tada_view
- def Automation.tcc.views.ta_da_bill
- def Automation.tcc.views.search_transport
- def Automation.tcc.views.distance
- def Automation.tcc.views.clientreport
- def Automation.tcc.views.suspence_clearance
- def Automation.tcc.views.search_new
- def Automation.tcc.views.search
- def Automation.tcc.views.other_charge
- def Automation.tcc.views.suspence_clearence_report
- def Automation.tcc.views.suspence_clearence_report_transport

- def Automation.tcc.views.prevwork
- def Automation.tcc.views.clearjob
- def Automation.tcc.views.contact
- def Automation.tcc.views.registered_user
- def Automation.tcc.views.programme

7.10 tcc/views_ext.py File Reference

Namespaces

- Automation.tcc.views_ext

Functions

- def Automation.tcc.views_ext.perf_distance
- def Automation.tcc.views_ext.perfselectfield
- def Automation.tcc.views_ext.perfselect
- def Automation.tcc.views_ext.add_perf
- def Automation.tcc.views_ext.add_perf_other_test
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- def Automation.tcc.views_ext.add_suspence_perf
- def Automation.tcc.views_ext.job_submit_perf
- def Automation.tcc.views_ext.job_ok_perf
- def Automation.tcc.views_ext.get_document_perf
- def Automation.tcc.views_ext.get_performa_bill
- def Automation.tcc.views_ext.billperf
- def Automation.tcc.views_ext.search_job
- def Automation.tcc.views_ext.edit_work

7.11 urls.py File Reference

Namespaces

- Automation.urls

Variables

- tuple Automation.urls.urlpatterns

7.12 tcc/urls.py File Reference

Namespaces

- Automation.tcc.urls

Variables

- tuple Automation.tcc.urls.urlpatterns

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