

**Django ATS-MIS Portal**

**Document name :** ATS-MIS Portal

**Version :** 0.01

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**Project Details:**

**User** : opensource

**Password** : KG123isl(543)%

**Host** : 172.50.8.75

**Port** : 2299

**SSH** : ssh opensource@172.50.8.75 -p2299 PWD: KG123isl(543)%

**SFTP** : sftp://172.50.8.75:2299

**URL :** http://172.50.8.75:8002/  
 **Code Path :** /Django/ATS-MIS  
 **Repository :** IAS/Django/ATS-MIS  
 **GIT Branch :** V4\_Live  
 **DATABASE : {   
 database :** ATS,  
 **user :** opensource,  
 **password :** IASerp#123,  
 **host :** 172.50.8.72,  
 **Port**  **:** 5432  **}**

**Functional Details:**

This MIS portal is enabled to do various type of analysis of entire asset of the company. Enabled multi type of search to find out the particular asset location, user info, service details etc,. Enabled tree hierarchy to group asset category and location details.

* Employee can login using AD username and password if only they have access in ATS application.
* The Dashboard page shows the total Asset, Transfer and Scrap data
* Category Tree page shows the tree hierarchy of products and materials including asset count
* Campus Tree page shows the tree hierarchy of campus location and asset count
* Quick Search page shows N number of filters to search asset, transfer and scrap data
* Import Data Validate page used to validate excel file
* Progress Reports page shows master data progress, asset data progress, transfer data progress and scrap data progress including bar chart view

**Technical Details:**

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| --- | --- |
| **Templates Page** | **Route path** |
| Login page | Template - /Django/ATS-MIS/templates/dashboard/login\_page.html  View - /Django/ATS-MIS/dashboard\_app/views.py  Url - /Django/ATS-MIS/dashboard\_app/urls.py |
| Dashboard | Template - /Django/ATS-MIS/templates/dashboard/login\_page.html  View - /Django/ATS-MIS/dashboard\_app/views.py  Url - /Django/ATS-MIS/dashboard\_app/urls.py |
| Category Tree | Template - /Django/ATS-MIS/templates/category\_tree/category\_tree\_view.html View - /Django/ATS-MIS/category\_tree\_app/views.py  Url - /Django/ATS-MIS/category\_tree\_app/urls.py |
| CampusTree | Template - /Django/ATS-MIS/templates/campus\_tree/campus\_tree\_view.html View - /Django/ATS-MIS/campus\_tree\_app/views.py  Url - /Django/ATS-MIS/campus\_tree\_app/urls.py |
| Quick Search | Template - /Django/ATS-MIS/templates/quick\_search/filter\_view.html  View - /Django/ATS-MIS/quick\_search\_app/views.py  Url - /Django/ATS-MIS/quick\_search\_app/urls.py |
| Quick Search table | Template - /Django/ATS-MIS/templates/quick\_search/search\_data\_view.html  View - /Django/ATS-MIS/quick\_search\_app/views.py  Url - /Django/ATS-MIS/quick\_search\_app/urls.py |
| Import Data Validate | Template - /Django/ATS-MIS/templates/data\_import/home\_page.html  View - /Django/ATS-MIS/data\_import\_app/views.py  Url - /Django/ATS-MIS/data\_import\_app/urls.py |
| Import Data Validate preview | Template - /Django/ATS-MIS/templates/data\_import/preview\_page.html  View - /Django/ATS-MIS/data\_import\_app/views.py  Url - /Django/ATS-MIS/data\_import\_app/urls.py |
| Progess Report | Template - /Django/ATS-MIS/templates/progress\_report/home.html View - /Django/ATS-MIS/progress\_report\_app/views.py  Url - /Django/ATS-MIS/progress\_report\_app/urls.py |
| Progess Report bar chart | Template - /Django/ATS-MIS/templates/progress\_report/progress\_report.html  View - /Django/ATS-MIS/progress\_report\_app/views.py  Url - /Django/ATS-MIS/progress\_report\_app/urls.py |
| Asset Acknowledgment | Template - /Django/ATS-MIS/templates/asset\_ack/home\_page.html   **NOTE:** In this app only have static template file only. Need to create individual app after getting scope |

**Dependency Details:**

* ATS-MIS portal depends ATS application
* AD server based login for employee
* Global VPN Must for Developer

**Installation package Dependency Details:**

* psycopg2 - pip in install psycopg2
* xhtml2pdf - pip install xhtml2pdf
* pytz - pip install pytz
* Django - pip install Django
* ldap3 - pip install ldap3
* xlrd - pip install xlrd
* xlutils - pip install xlutils
* pandas - pip install pandas
* itertools - pip install more-itertools
* xlwt - pip install xlwt

**Checklist Details:**

* Check Database config before move to live. Whether live DB or local DB
* When create new Django project in live. Check whether migrations was done or not. If not migrate use this command
* python3 manage.py makemigrations
* python3 manage.py migrate



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Thank You