**Requirement**

This application in build in Laravel version 10.x with PostgreSQL version: 15.x. So any linux OS(Ubuntu or Centos) with following software are needed

* Apache2
* PHP 8
* MySQL
* Openjdk version 1.8
* PostgreSQL version: 15
* Composer

Login to postgres using the command

*psql postgres -h localhost -d <database-name>*

and execute:

* <database-name>=# create extension cube;
* <database-name>=# create extension earthdistance;

**Installation procedure**

**User Management**

1. Copy the files in the folder of user management and run **composer update** command from the project folder
2. Create a new user database (e.g -> usermgmt).
3. Import usermgmt.sql to User database.
4. For user management the following settings are required in .env file

APP\_NAME="User Management"

APP\_URL=User Management URL

DB\_CONNECTION=pgsql

DB\_HOST=localhost

DB\_PORT=5432

DB\_DATABASE= usermgmt

DB\_USERNAME=<db username>

DB\_PASSWORD=<db password>

USER\_LOGIN\_URL=url for user management/login

PASSPORT\_CLIENT\_ID=9a0001d2-e794-491d-97ac-412dbef72efd

PASSPORT\_CLIENT\_SECRET=t2NMxuNKjt6tPZfB6HriqiWed5B3cdL3rGQGdAX4

=====MAil server configuration=====

MAIL\_MAILER=smtp

MAIL\_HOST=smtp host

MAIL\_PORT=mail port

MAIL\_USERNAME=username

MAIL\_PASSWORD=password

MAIL\_ENCRYPTION=ssl

MAIL\_FROM\_ADDRESS="notice.sats@gmail.com"

MAIL\_FROM\_NAME="ATS ADMIN"

App\_Version=" 1.6.0"

Released\_on=" 05-Jan-2024"

1. *Apache write permission is needed in storage and bootstrap/cache folder.*

***SATS Module***

1. Copy the source code inside the webroot of apache(/var/www/html)
2. Navigate to the project folder using cd command (cd <Project folder path>).
3. Execute ***composer update*** command from the project folder.
4. Create a new database (e.g -> ats-db) and under this create two Schema ats and product.
5. Import ats.sql in ats Schema and product.sql in product Schema.
6. Then in the ***.env*** update the settings

APP\_NAME="SATS Web Portal"

APP\_URL=”[http://IP](http://ip) address”

PM\_SERVER\_URL="http://59.145.226.165"

PM\_WORKSAPCE = "workflow"

PM\_CLIENTID = "x-pm-mobile-client"

PM\_CLIENT\_SECRET = "4426746995afa07e7485df1055471800"

PM\_USERNAME = "admin"

PM\_PASSWORD="ProcessMaker@!@3"

======Database Configurations============

DB\_CONNECTION=pgsql

DB\_HOST=localhost

DB\_PORT=5432

DB\_DATABASE=ats-db

DB\_USERNAME=postgres

DB\_PASSWORD=postgres

DB\_USER\_DATABASE=usermgmt

DB\_USER\_USERNAME=postgres

DB\_USER\_PASSWORD=postgres

USER\_LOGIN\_URL=’user login URL’

===========================

NOTIFY\_FAR='Email address to send notication'

==========Mail server Configuration======

MAIL\_MAILER=smtp

MAIL\_HOST=smtp.googlemail.com

MAIL\_PORT=465

MAIL\_USERNAME=notice.sats@gmail.com

MAIL\_PASSWORD=ndkbhfkiorroaeri

MAIL\_ENCRYPTION=ssl

MAIL\_FROM\_ADDRESS="satsa616@gmail.com"

MAIL\_FROM\_NAME="ATS ADMIN"

=================================

USER\_LOGIN\_URL=’user login url’

PM\_SERVER\_URL="PM server URL"

PM\_WORKSAPCE = "workflow"

PM\_CLIENTID = "x-pm-mobile-client"

PM\_CLIENT\_SECRET = "4426746995afa07e7485df1055471800"

PM\_USERNAME = "Username for processmaker"

PM\_PASSWORD="Password "

GOOGLE\_MAP\_KEY='map key to check google map'

APP\_VERSION=' 1.5.0'

RELEASED\_ON=' 25-Nov-2023'

ASSET\_ADD\_RADIUS=radius in meter

SESSION\_LIFETIME=10

1. *Apache write permission is needed in storage and bootstrap/cache folder.*

**Processmaker**

1. Download processmaker using this command :

*wget* [*https://razaoinfo.dl.sourceforge.net/project/processmaker/ProcessMaker/3.8.1/processmaker-3.8.1-community.tar.gz*](https://razaoinfo.dl.sourceforge.net/project/processmaker/ProcessMaker/3.8.1/processmaker-3.8.1-community.tar.gz)

*After the download has finished, decompress the tarball in the directory where ProcessMaker will be installed using this command:* tar -C /opt -xzvf processmaker-3.*X.X*-community.tar.gz

1. Then Verify that *ProcessMaker was correctly decompressed using* ls /opt/processmaker *command*
2. Set file permission using

sudo chown -R www-data:www-data /opt/processmaker (For ubuntu)

sudo chown -R apache:apache /opt/processmaker (For centos)

1. Copy the sample ProcessMaker configuration file (which is named **pmos.conf.example**) to Apache's list of available sites:

Sudo cp <source path where process maker installed>/pmos.conf.example <Target path of where apache installed>/pmos.conf

(e.g -> Sudo cp /opt/processmaker/pmos.conf.example /etc/apache2/sites-available/pmos.conf)

1. sudo nano /etc/apache2/sites-available/pmos.conf

#processmaker virtual host

<VirtualHost *your\_ip\_address* >

ServerName "*your\_processmaker\_domain*"

DocumentRoot /opt/processmaker/workflow/public\_html

DirectoryIndex index.html index.php

<Directory /opt/processmaker/workflow/public\_html>

Options Indexes FollowSymLinks MultiViews

AddDefaultCharset UTF-8

AllowOverride All

Require all granted

ExpiresActive On

<IfModule mod\_rewrite.c>

RewriteEngine On

RewriteCond %{REQUEST\_FILENAME} !-f

RewriteRule ^.\*/(.\*)$ app.php [QSA,L,NC]

</IfModule>

#Deflate filter is optional. It reduces download size, but adds slightly more CPU processing:

**AddOutputFilterByType DEFLATE text/html**

</Directory>

</VirtualHost>

1. Enable the site using

*sudo a2ensite pmos.conf*

1. Restart apache using sudo systemctl restart apache2
2. Install and configure Mysql.
3. Opening the processmaker url in web browser will start installing processmaker.
4. To get PM\_CLIENTID and PM\_CLIENT\_SECRET open [http://{pm-server}/sys{workspace}/en/neoclassic/oauth2/applications](about:blank) in browser.

refer <https://wiki.processmaker.com/3.1/OAuth_2.0> for more details.