**Django POS System Read First Need**

**Features**

* Login Page with User authentication
* Dashboard Page with statistics and graphs
* DataTables with print, copy, CSV, and PDF buttons
* Categories and Products Management
* Clients Management
* Sales Management

**Tech Stack**

* Frontend: HTML, CSS, JavaScript, Bootstrap, SweetAlert, DataTables
* Backend: Django, Python, Ajax, SQLite

**Installation**

**Prerequisites**

* [Python 3.x](https://www.python.org/downloads/)
* [pip package manager](https://pip.pypa.io/en/stable/installation/)
* [git](https://git-scm.com/downloads)

**Browser Compatibility Notice: Firefox NOT Supported ‼**

**Please Use Chrome or Edge Browsers ‼**

1. Clone or download the repository:

git clone https://github.com/betofleitass/django-POS-system

1. Go to the project directory: cd django\_pos
2. Install dependencies:

pip install -r requirements.txt

1. Update pip and setuptools

python -m pip install --upgrade pip setuptools

1. Install MSYS2:

Before seeing the video on how to install step-by-step progress.

MSYS2 Install Tutorials:

* Link: <https://www.youtube.com/watch?v=rUJFYOCbuDg&t=844s>
* Link: <https://www.msys2.org/>

1. Install GTK to create the PDF files:

[Official documentation](https://doc.courtbouillon.org/weasyprint/stable/first_steps.html#installation)

1. Windows Users (IMPORTANT)!:

Only Windows 10/11 64-bit is supported ‼

GTX3 2021 Installation and Automatically Path environment you need Recommended Install GTX3 2021:   
  
Link: <https://github.com/tschoonj/GTK-for-Windows-Runtime-Environment-Installer/releases/download/2021-04-29/gtk3-runtime-3.24.29-2021-04-29-ts-win64.exe>

You write in the terminal this ( weasyprint --info ) and you see no error and error any problems.   
  
Link: (<https://www.cnblogs.com/melloliana/p/16098061.html>)

After installing GTK, you must add it to your system's Path environment variable. Follow these steps:

* + Assuming you installed GTK at: C:\Program Files\GTK3-Runtime Win64\bin  
    this will be the new variable that you need to add to Path.
  + Refer to this tutorial for detailed instructions on adding to the Path environment variable: [Tutorial add to the Path environment variable](https://helpdeskgeek.com/windows-10/add-windows-path-environment-variable/)
  + If you encounter an error such as "cannot load library," refer to this documentation for troubleshooting: [Missing Library Error](https://doc.courtbouillon.org/weasyprint/stable/first_steps.html#missing-library)

1. Restart your computer: After you complete the steps above, you will need to restart your computer for the changes to take effect properly. ‼

**Run it locally**

After restarting your computer

1. Go to the project directory: cd django\_point\_of\_sale
2. Go to the django\_pos folder: cd django\_pos
3. Make database migrations:  
   python manage.py makemigrations and python manage.py migrate
4. Create superuser python manage.py createsuperuser

with the following data, or with the data you prefer:   
  
username: admin  
password: admin   
email: admin@admin

and You can log in:

Name: zafir   
Password: Zafir\*123

1. Run the server: python manage.py runserver
2. Open a browser and go to: http://127.0.0.1:8000/
3. Login with your superuser credentials.