

ezAdmin: Admin Made Effortless

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General Info

ezAdmin is a comprehensive web-based solution designed to streamline administrative tasks, minimize manual workload, automate repetitive processes, and create a centralized management system for your organization. This powerful tool is engineered with the aim of simplifying and enhancing the overall administrative experience, enabling your team to focus on more strategic and value-added activities.

Key Objectives:

1. **Efficiency Enhancement:** ezAdmin aims to optimize the efficiency of administrative operations by automating routine tasks, reducing human errors, and improving data accuracy.
2. **Centralized Management:** The system centralizes various administrative functions, including inventory management, document generation, and data analysis, providing a single platform for all your administrative needs.
3. **Workload Reduction:** By automating mundane and time-consuming tasks, ezAdmin helps reduce the workload on administrative staff, allowing them to allocate more time to critical tasks.

4. **Data-Driven Decision Making:** Through advanced data analysis and visualization tools, ezAdmin empowers your organization to make informed, data-driven decisions based on real-time information.
5. **User-Friendly Interface:** The user-friendly interface ensures that employees across different departments can easily navigate and utilize the system, enhancing overall usability.
6. **Scalability:** ezAdmin is designed to adapt and scale with your organization's evolving administrative requirements, ensuring it remains a valuable asset as your company grows.

Packages Involved [↗](#)

This project depend on:

- asgiref 3.7.2
- crispy-bootstrap5 0.7
- Django 4.2.4
- django-crispy-forms 2.0
- numpy 1.25.2
- pandas 2.1.0
- pathlib 1.0.1
- Pillow 10.0.0
- pip 23.2.1
- python-dateutil 2.8.2
- pytz 2023.3
- setuptools 65.5.0
- six 1.16.0
- sqlparse 0.4.4
- tzdata 2023.3

Setup [↗](#)

Guideline to Install: [↗](#)

1. To install the required packages for this project, run the following command in your terminal:

```
pip install -r requirements.txt
```



Guideline to runserver: [↗](#)

1. Change to the project directory Navigate to the directory where your Django project is located. You should be in the same directory as `manage.py` by running this code.

```
cd ezadmin
```



2. Once you're in the project directory, you can start the development server using the following command:

```
python manage.py runserver
```



3. This command will launch the Django development server, and you can access your project in a web browser at the specified address (usually <http://127.0.0.1:8000/>). Click it and it will open the landing page of the server. `Register/Login` if necessary.

To-do/add-on features [↗](#)

1. User Registration/Log-In function and page

Progress:

100%

2. Customer, Quotation and order execution fuctionality and page

Progress:

100%

3. Product and inventory registration and CRUD function

Progress:

100%

4. Modify the models and server functionality based on new plan

Progress:

20%

5. Analyze and create visualization page for forecasting

Progress:

0%

6. Auto generate ISO/GDPMD-related documentation based on system data

Progress:  0%

7. Create inventory for raw material functionality and page

Progress:  0%

8. Create production log functionality, page and connection with finished goods model

Progress:  0%

9. Create filter function at relevant page

Progress:  0%

10. Create models field to upload file

Progress:  0%