Warehouse accounting CRM

**The meaning of the application**

This application keeps track of goods in the warehouse, and in the final version should be a CRM with a friendly interface for comfortable work.

**Main system functionality**

**User registration and authentication**:

Users can register in the system, create accounts with data (name, email, password, phone, role).

A JWT token is used for authentication.

**Product management**:

Administrators can add, edit and delete product information, including name, description, price, quantity and points.

Products are classified by category.

**Transactions**:

The system takes into account transactions for the receipt and issue of products. Users can perform transactions through the API.

Transaction information includes type (reception or issue), quantity and product.

**Reports**:

Daily reports: The system generates product reports for each day, showing the number of received and issued goods.

Monthly reports: A monthly report is generated based on daily reports, providing a more complete picture for the month.

**Analytics**:

Users can get analytical information on the movement of products for a selected period using graphs and charts.

**User roles**:

Division into roles (e.g. administrator, warehouse employee) to ensure the appropriate level of access.

**Interfaces and technologies**

Backend: Django (for creating web application and API).

Frontend: Using HTML, CSS, Bootstrap, JavaScript.

API: REST API implemented with Django REST Framework and drf-spectacular for generating documentation.

Authentication: JWT via Django REST Framework Simple JWT.

**Setup instructions**

1. Create virtual environments
2. Activate virtual environments
3. pip install requirements.txt
4. git pull <https://github.com/DaurenSh/Endterm>

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