**User guide SuperPy**

SuperPy is a command line program in order to check the inventory management of your store. This SuperPy uses a simple and understandable code for your niche of the inventory flow and moreover, report your financial aspects as well.

1. Basic system requirement

In order to start Superpy,

There are following modules required to be installed in order to start:

* Python (3.7.3)
* Argparse
* datetime
* os
* csv
* Os
* Tabulate
* Rich.table
* Rich.console
* Matplotlib
* Pandas

1. **SuperPy Commands**

SuperPy can start to type one of following commands from the command line. Open Superpy folder and enter main.py file in order to begin with sub-commands.



Output:

텍스트이(가) 표시된 사진

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Optional arguments: -h, --help

It will show this help message and exit

There are following explanations about sub-commands with examples which you can understand more easily and implement this program about you’re a specific purpose of usage.

2-1. Buying a product

Users put a buy product in the system with the following command-line:



Output:

텍스트이(가) 표시된 사진

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Example 1.

If there is a buy product: apple, 1 euro, expiration date is 2023.02.23, user can execute the following command-line:



Output:



2-2. Selling a product

Users wish to put a selling product in the system with the following command-line:



Output:

텍스트이(가) 표시된 사진

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Example 1

If users want to sell a product: apple, 2 times, 3 euro, user can execute the following command-line: 

Output: 텍스트이(가) 표시된 사진

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As the example is seen, the data is inserted in sold.csv file.

Example 2.

If users want to put a sell product in sold file, but there are few in stock or there is no item in stock. There will be shown below.

Input: 

Output: 

2-3. Getting reports

SuperPy creates reports such as inventory, revenue and profit. Users can type the following command-line in order to keep the track with current statement with showing reports.



Output:

텍스트이(가) 표시된 사진

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2-3-1. Inventory

Users can type the following command-line in order to keep the track with a inventory statement with some result.



Output:

텍스트이(가) 표시된 사진

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Example1.

If users want to make a report of a current inventory, please type the following command line: 

Output: 텍스트, 모니터, 화면, 점수판이(가) 표시된 사진

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2-3-2. Revenue

Users can type the following command-line in order to keep the track with a revenue statement with some result.



Output:

텍스트이(가) 표시된 사진

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**Example 1.**

****

**Output:**

**테이블이(가) 표시된 사진

자동 생성된 설명**

2-3-3. Profit

Users can type the following command-line in order to keep the track with a profit statement with some result.



Output:

텍스트이(가) 표시된 사진

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Example1.



Output: 테이블이(가) 표시된 사진

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With a given date, users can check the profit with a each item.

2-4. Advance date

It is possible to adjust time by Superpy. Also, it can change the system date by amount of days that users want to check for.

Remind: Users can insert a positive number and negative number as well for the advance date.

2-4-1. Time delta with d\_days.

Hereby users can adjust time and check how to do it below description.



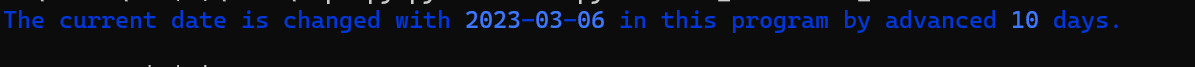
텍스트이(가) 표시된 사진

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Example 1.



Output:



2-4-2. Reset

If users want to make a file with a reset with a current date, delete the future dates data. Watch out! Users can lose all the data by reset.



2-5. Other

Users can execute to export an inventory file of Superpy to json file or make a graph. That means that data is visualized by following command-line in order to keep the track on SuperPy data:



Output:

텍스트이(가) 표시된 사진

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2-5-1. Show the inventory data in json file

Input: 

Output: 

텍스트이(가) 표시된 사진

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