Waste Sorting

Development Environment

- **Development Environment:** Windows 10
- Development Software:
    1. **PyCharm** 2021.1.2
- Development Language:
    1. python3.8
    2. QSS
- Mainly Reference Count:
    1. keras
    2. numpy
    3. opencv
    4. PyQt5

How to run

1. Install the necessary Python libraries.

   list in Development Environment

2. Start the server by running waste_sorting.py.

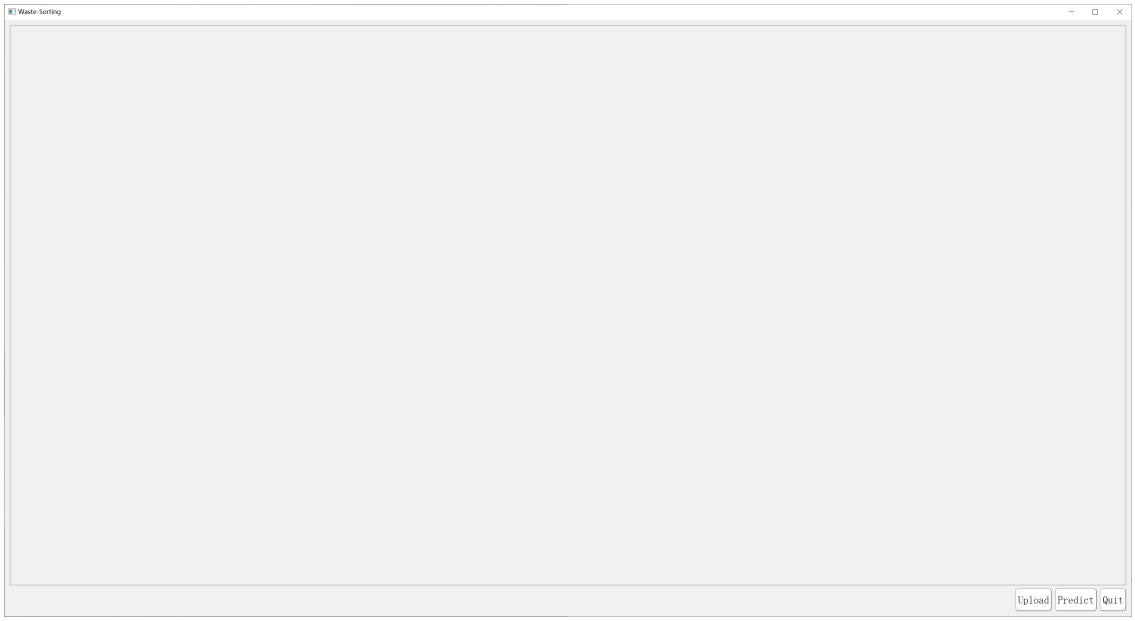
   ```
   python waste_sorting.py
   ```

3. Wait for the necessary resources to load.
4. Press Upload button to upload one or some images.
5. Press Predict button and you will get the result, the types of items and their garbage classification.

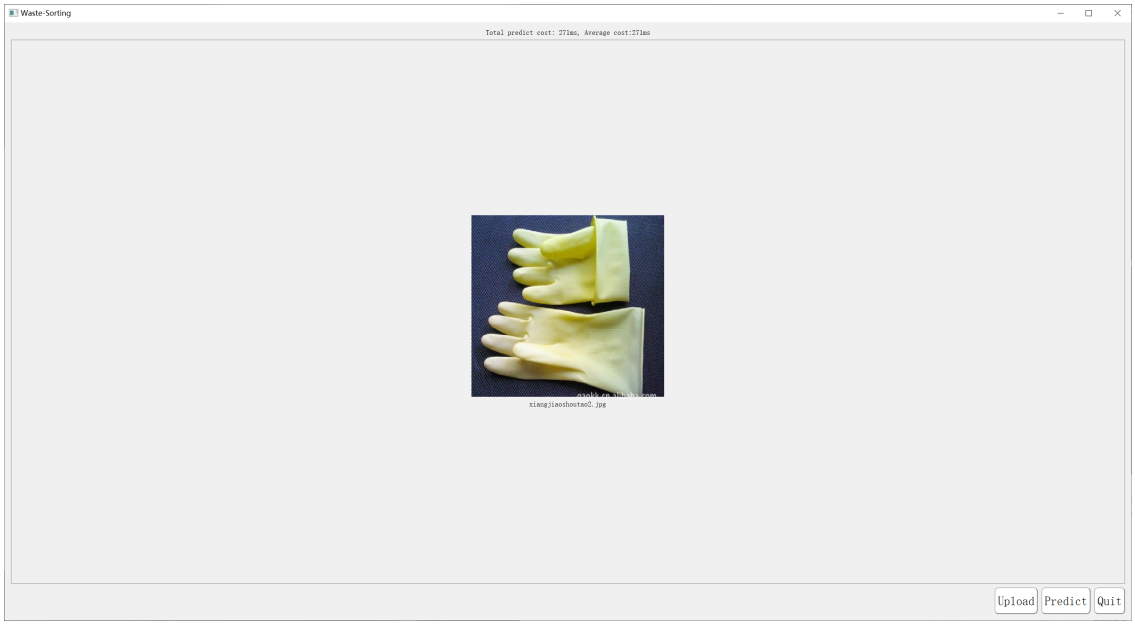
Screen Shots

- Loading

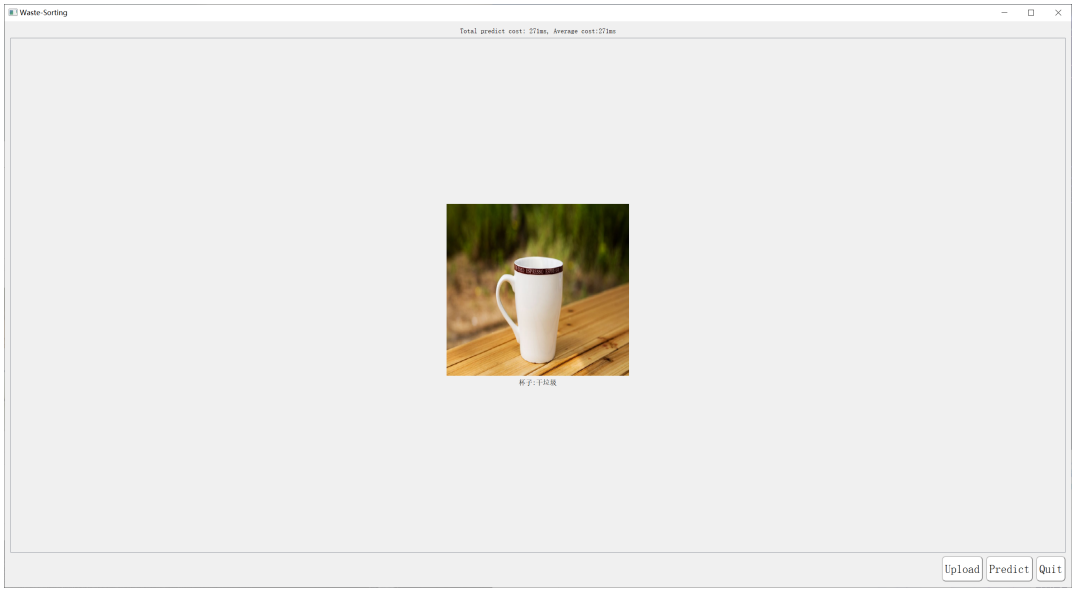
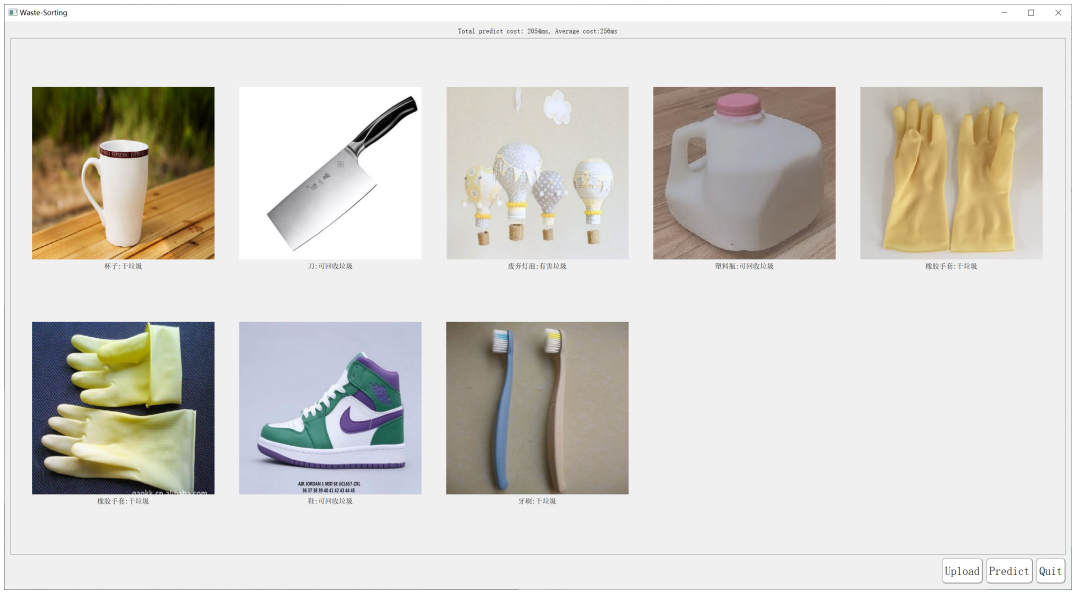
- Home Page



- Upload



- Predict
  - one



  - many