Cheque Processor - Documentation

# Introduction

The Cheque Processor is a Python-based application designed to process scanned images of cheques. It extracts essential details such as MICR (Magnetic Ink Character Recognition) codes, cheque amount, and date using image processing techniques and OCR (Optical Character Recognition).

# Features

- Extract MICR code from cheque images.  
- Extract cheque amount using OCR techniques.  
- Extract the date from cheque images.  
- Preprocess images for better accuracy in OCR.

# Installation

To install the required dependencies, run:  
  
```bash  
pip install -r requirements.txt  
```

# Usage

Run the main script to process a cheque image:  
  
```bash  
python main.py  
```  
You can configure the script to input the cheque image and extract details such as MICR code, amount, and date.

# Requirements

- Python 3.x  
- OpenCV  
- Tesseract OCR  
- Numpy  
- Pillow

# Contributing

Contributions are welcome. Feel free to fork the repository, submit issues, or create pull requests to help improve the project.

# License

This project is licensed under the MIT License.