

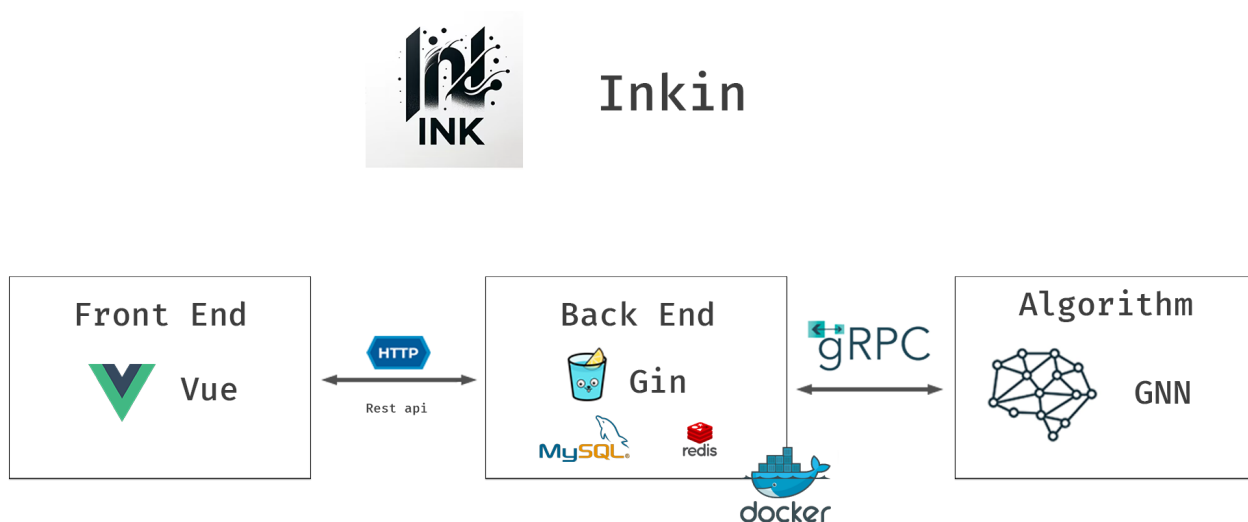
Inkin 书法评分系统

饶逸石 8207210519

工作内容

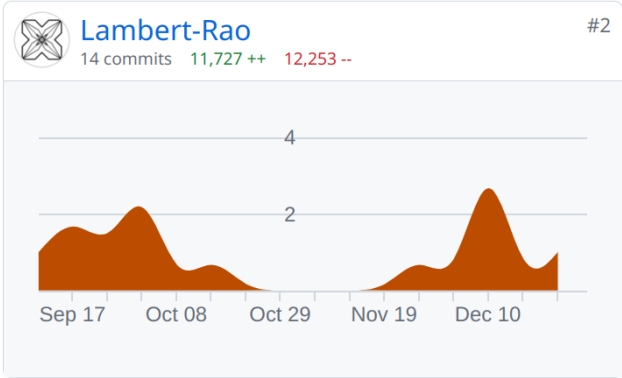
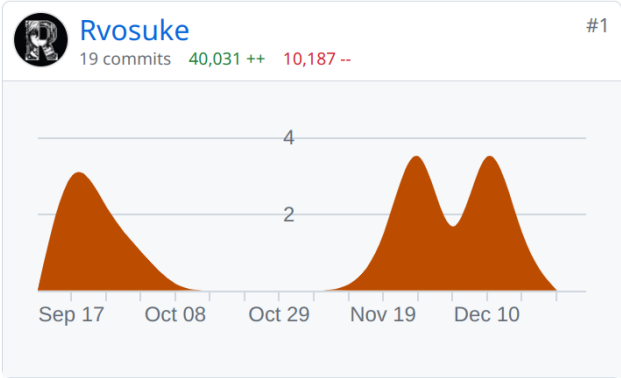
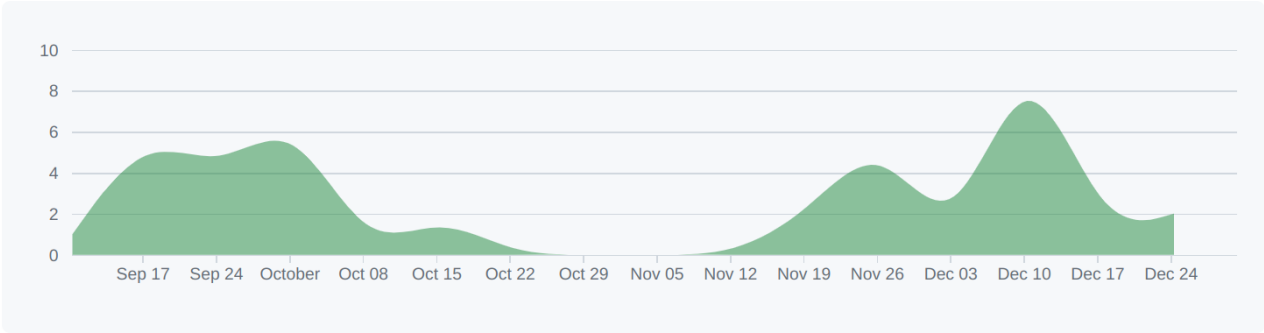
我在小组中负责后端开发部分，主题代码使用Golang和Gin框架开发。此外，我也负责了工程管理，三端协调和项目部署的工作。

项目架构图如下：



有[git记录](#)为证：

Contributions to main, excluding merge commits



Commits on Dec 27, 2023

Merge pull request #13 from CSU-YKF/develop

Lambert-Rao committed 3 days ago Verified 3222c01

chore: add Dockerfile Verified b0d992a

Commits on Dec 15, 2023

Merge pull request #12 from CSU-YKF/develop

Lambert-Rao committed 2 weeks ago Verified 5528a21

Commits on Dec 14, 2023

Merge remote-tracking branch 'origin/develop' into develop Verified f45c314

chore: add Dockerfile Verified 0031125

Merge remote-tracking branch 'origin/develop' into develop Verified 1955a0e

feat: add info list interface Verified f774a52

Commits on Dec 13, 2023

Delete .idea directory Verified 935ab32


Commits on Dec 12, 2023

Merge remote-tracking branch 'origin/develop' into develop Verified 8c86965

feat: add upload and download image Verified 8c86965

我参考了Go项目的标准结构，主题代码在internal部分，

代码仓库：<https://github.com/CSU-YKF/mozhi>

 Lambert-Rao	Merge pull request #13 from CSU-YKF/develop	3222c01 · 3 days ago	🕒 56 Commits
📁 algorithms	Merge branch 'develop' of https://github.com/CSU-YKF/...	2 weeks ago	
📁 api	feat: user	2 months ago	
📁 build	add gRPC support	last month	
📁 cmd/server	chore: add Dockerfile	2 weeks ago	
📁 config	feat: add info list interface	2 weeks ago	
📁 docs	chore: add Dockerfile	2 weeks ago	
📁 internal	chore: add Dockerfile	2 weeks ago	
📁 python	Algorithmic communication	2 weeks ago	
📁 test	add gRPC support	last month	
📁 web	chore: add Dockerfile	3 days ago	
📄 .gitignore	Update Handwriting Recognition	2 weeks ago	
📄 Dockerfile	chore: add Dockerfile	2 weeks ago	
📄 LICENSE	Initial commit	3 months ago	
📄 README.md	style: make a basic frame	3 months ago	
📄 docker-compose.yml	chore: add Dockerfile	2 weeks ago	
📄 go.mod	feat: add upload and download image	3 weeks ago	
📄 go.sum	feat: add info list interface	2 weeks ago	

这是开发中的项目树形结构，包含算法部分，后端部分和前端部分

```
├── .
│   ├── algorithms
│   │   ├── __init__.py
│   │   ├── assessment
│   │   │   ├── __init__.py
│   │   │   ├── feature_extraction.py
│   │   │   ├── handwrite.png
│   │   │   ├── li_pre.png
│   │   │   ├── main.py
│   │   │   ├── preprocessing.py
│   │   │   ├── registration.py
│   │   │   ├── scoring.py
│   │   │   └── SRAFE.py
│   │   └── comment
│   │       ├── __pycache__
│   │       ├── claude_comment.py
│   │       ├── ernie_comment.py
│   │       └── '新建 文本文档.txt'
│   ├── dataset
│   │   ├── data
│   │   └── dataset_gnt.py
```

```

├── dataset_png.py
├── gnt_to_png.py
├── HWDB
├── test_data
├── deepmodel
│   ├── 2023-12-13-21-25.log
│   ├── 2023-12-13-21.log
│   ├── 2023-12-13-22.log
│   ├── __init__.py
│   ├── __pycache__
│   ├── data
│   ├── dataset_net.py
│   ├── e3c.py
│   ├── log
│   ├── log.py
│   ├── main.py
│   ├── models.py
│   ├── resnet.py
│   ├── resnet50.pth
│   └── vig
├── main.py
├── pb
│   ├── __pycache__
│   ├── assess_pb2.py
│   └── assess_pb2_grpc.py
├── README.md
├── recognize
│   ├── __init__.py
│   ├── HWDB.py
│   ├── main.py
│   ├── recognition.py
│   └── train.py
├── start.sh
├── utils
│   ├── single_pre
│   └── whol_pre
├── api
│   ├── buf.gen.yaml
│   └── pb
│       ├── assess.proto
│       └── buf.yaml
├── build
│   └── build.sh
├── cmd
│   └── server
│       ├── main.go
│       └── server
├── config
│   └── config.yaml
├── docker-compose.yml
├── Dockerfile
├── docs
│   ├── project.zh-CN.md
│   ├── README.md
│   └── sql
│       ├── datastructure.sql
│       └── Dockerfile
├── go.mod

```

```
└─ go.sum
└─ internal
    └─ core
        ├── config.go
        └─ server.go
    └─ data
        ├── assess.go
        ├── db.go
        ├── image.go
        ├── info.go
        └─ token.go
    └─ http
        ├── download.go
        ├── error.go
        ├── info.go
        └─ upload.go
    └─ rpc
        └─ pb
    └─ support
        └─ error.go
    └─ user
        ├── login.go
        └─ register.go
└─ LICENSE
└─ log
    ├── 2023-12-14_18-09-59.log
    ├── 2023-12-14_18-13-52.log
    ├── 2023-12-14_18-14-52.log
    ├── 2023-12-14_18-19-52.log
    ├── 2023-12-14_18-20-32.log
    ├── 2023-12-14_18-22-08.log
    ├── 2023-12-14_18-28-57.log
    ├── 2023-12-14_18-39-50.log
    ├── 2023-12-14_18-55-35.log
    ├── 2023-12-14_19-08-02.log
    ├── 2023-12-14_19-14-26.log
    ├── 2023-12-14_19-23-58.log
    ├── 2023-12-14_19-24-35.log
    ├── 2023-12-14_19-26-53.log
    ├── 2023-12-14_19-34-44.log
    ├── 2023-12-14_19-35-06.log
    ├── 2023-12-14_19-37-25.log
    ├── 2023-12-14_20-13-27.log
    ├── 2023-12-14_20-14-13.log
    ├── 2023-12-15_15-47-56.log
    ├── 2023-12-27_09-02-15.log
    ├── 2023-12-27_09-03-12.log
    ├── 2023-12-27_09-03-36.log
    ├── 2023-12-27_09-04-08.log
    ├── 2023-12-27_09-05-47.log
    ├── 2023-12-27_09-06-19.log
    ├── 2023-12-28_21-56-23.log
    ├── 2023-12-28_21-57-11.log
    ├── 2023-12-28_22-00-26.log
    ├── 2023-12-28_22-03-37.log
    ├── 2023-12-28_22-07-36.log
    ├── 2023-12-28_22-08-45.log
    └── 2023-12-28_22-09-35.log
```

```
| | | 2023-12-28_22-12-17.log
| | | 2023-12-28_22-12-45.log
| | | 2023-12-28_22-14-16.log
| | | 2023-12-28_22-16-21.log
| | | 2023-12-28_22-22-38.log
| | | 2023-12-28_22-23-02.log
| | | 2023-12-28_22-24-46.log
| | | 2023-12-28_22-25-30.log
| | | 2023-12-28_22-32-42.log
| | | 2023-12-28_22-35-08.log
| | | 2023-12-28_22-36-31.log
| | README.md
| | server
| | test
| |   | main.go
| | venv
| |   | bin
| |   |   | activate
| |   |   | activate.csh
| |   |   | activate.fish
| |   |   | activate.nu
| |   |   | activate.ps1
| |   |   | activate_this.py
| |   |   | pip
| |   |   | pip-3.11
| |   |   | pip3
| |   |   | pip3.11
| |   |   | python ⇒ /usr/bin/python3.11
| |   |   | python3 ⇒ python
| |   |   | python3.11 ⇒ python
| |   |   | wheel
| |   |   | wheel-3.11
| |   |   | wheel3
| |   |   | wheel3.11
| |   | lib
| |   |   | python3.11
| |   | pyvenv.cfg
| | web
| |   | dist
| |   |   | assets
| |   |   | css
| |   |   | favicon.ico
| |   |   | font
| |   |   | image
| |   |   | index.html
| |   |   | Login.html
| |   |   | make.html
| |   |   | painter.html
| |   |   | Template.html
| |   | Dockerfile
| |   | Dockerfile.bak
| |   | front
| |   |   | index.html
| |   |   | jsconfig.json
| |   |   | node_modules
| |   |   | package-lock.json
| |   |   | package.json
| |   |   | public
```

```
|   |─ □ README.md
|   |─ □ src
|   └─ □ vite.config.js
└─ □ nginx.conf
```

心得体会

学了一门新编程语言，过程中学习了Docker虚拟化技术，还算是有所收获。

