

1. 사용한 JVM, 웹서버, WAS 제품 등의 종류와 설정 값, 버전 정보

이름	내용
Backend	<ul style="list-style-type: none"><li>- JVM : JDK 17</li><li>- Apache Tomcat : 10.1.34</li><li>- Nginx : 1.27.4</li><li>- IntelliJ IDEA : 2024.3.1.1</li></ul>
AI	<ul style="list-style-type: none"><li>- PyCharm : 2024.3.1.1</li><li>- Python : 3.11</li><li>- libgl1-mesa-glx</li><li>- libgl2.0-0</li><li>- libsm6</li><li>- libxext6</li><li>- libxrender1</li></ul>
Frontend	<ul style="list-style-type: none"><li>- React v18.3.1</li><li>- TypeScript v5.6.2</li><li>- Vite v6.0.5</li></ul> <p>상태 관리:</p> <ul style="list-style-type: none"><li>- @reduxjs/toolkit v2.5.1</li><li>- react-redux v9.2.0</li><li>- redux-persist v6.0.0</li><li>- @tanstack/react-query v5.66.0</li></ul> <p>UI/스타일링:</p> <ul style="list-style-type: none"><li>- tailwindcss v4.0.0</li><li>- lucide-react v0.474.0</li></ul> <p>데이터 시각화/미디어:</p> <ul style="list-style-type: none"><li>- chart.js v4.4.7</li><li>- react-chartjs-2 v5.3.0</li><li>- react-webcam v7.2.0</li><li>- react-sketch-canvas v6.2.0</li><li>- swiper v11.2.4</li></ul> <p>통신/실시간:</p> <ul style="list-style-type: none"><li>- axios v1.7.9 socket.io-client v4.8.1</li><li>- @stomp/stompjs v7.0.0</li></ul>



S3\_UPLOAD\_FOLDER\_IMAGE=images/  
S3\_UPLOAD\_FOLDER\_RESULT=result/  
S3\_UPLOAD\_FILE\_URL=https://a407-20250124.s3.ap-northeast-2.amazonaws.com/

```
SPRING_DATA_REDIS_HOST=i12a407.p.ssafy.io
SPRING_DATA_REDIS_PORT=6379
```

```
SPRING_DATA_MONGODB_HOST=i12a407.p.ssafy.io
SPRING_DATA_MONGODB_PORT=27017
SPRING_DATA_MONGODB_USERNAME=ssafy
SPRING_DATA_MONGODB_PASSWORD=ssafy123ssafy
SPRING_DATA_MONGODB_DBNAME=chatdb
```

```
SPRING_SECURITY_OAUTH2_CLIENT_REGISTRATION_GOOGLE_CLIENT_NAME=google
SPRING_SECURITY_OAUTH2_CLIENT_REGISTRATION_GOOGLE_CLIENT_ID=500251459785-
jt83i1u8dq66ecvjr6it8mc6orcj40m7.apps.googleusercontent.com
SPRING_SECURITY_OAUTH2_CLIENT_REGISTRATION_GOOGLE_CLIENT_SECRET=GOCSPX-
BjPiDvAVm3Rgpl3VmLVniC-SZvXO
SPRING_SECURITY_OAUTH2_CLIENT_REGISTRATION_GOOGLE_REDIRECT_URI=http://localhost:80
80/login/oauth2/code/google
SPRING_SECURITY_OAUTH2_CLIENT_REGISTRATION_GOOGLE_AUTHORIZATION_GRANT_TYPE=a
uthorization_code
SPRING_SECURITY_OAUTH2_CLIENT_REGISTRATION_GOOGLE_SCOPE=profile,email
```

PeK064WQcJj8IRQ11ipIJLafWPqtV2OaXwgp7ONAEWKEmSZu354xpYtZxrK29tZpxflUfF6LjTT3BlbkFJ  
JwNg6ONTe06BBH-awtRREaNHZXLV6-hEOVs4tUYmVB44kK4jeewMGeP9gTtW4q3AXKPgdt5\_kA  
UPSTAGE\_API\_KEY=up\_QDpV3yORp0hLFXGphexsJVjrOfufR

```
FIREBASE_CONFIG_BASE64=ew0KICAidHlwZSI6IChJZCZlZjY291bnQlLA0KICAicHJvamVjdF
9pZC16IChJZC2FmeS00NDkzMdciLA0KICAicHJpdmF0ZV9rZXlfaWQoOiAiImZuU1OGU4NjYwOTMwY2E
2Yzk1Njg2OTdkNTI2M2RlMjViZTUxNzA5OSIsDQogIChJwcm1eYXRlX2tleSI6IChlLS0tLUJFR0lOIFBSSV
ZBVEUgS0VZLS0tLS1kbk1JSUV2Z0lCQURBTkNa3Foa2lHOXcwQkFRRUZBQVNDQktnd2dnU2tBZ0V
```

BQW9JQkFRQ1cyaVNIWVVUQ1hGS0tcbIQ5c0JiT09QM1dMdllsZjVKNk93V1BJTS9Ga0JvcE54MWp  
TSVltb0YzTC93UkMyVTRQcXJ3Ky9GQnFtQWFrBUdcbk1yRWVFSXRIN1BBVVVGRIJDQzRDMII5R3N  
naVRsUjNteU0rNy85Q1E3eGFVNDA0SkNyTU1uRnlyGZVbHZHOEVcbnk2NHhPUjRUOURJcHVaUk  
QxSU5yTG9na0paZytFK0sxT1Z6am1ZcjFMMVFKZDZBUXBDNUNpTzg2aDNtRHowSGpcbjQ5QVRu  
N1JzYmpqK2d3bEY1Ti9zbDV5QWhFU1QyYTFQc0FVL2FkVINqcFFabnFjdXV1NU11UkNJM1InY2xx  
WkFcbmxYUEw1S2c4N1Z6MnBPTUxtbGhubUJFbVIWaDlwWUxaeU5lcXZVSVIOYkVPT2JuaHIQWXd  
VZEY4Z0NkbmpyWkVcbmNjclEzdFhwQWdNQkFBRUNnZ0VBQkl4ZlBrZEFnM3UxSVdaMisvd0VnSG  
4wV2JObFk2Z3Z6MGxmUXZUNDJndkVcbjFsSFhFNldqL0xsRE1FTmQvSGNzRjdHNHNrQWFiRHpJS  
3J1c2kzT0VQNDd0VGk5OXhDdXk5M01Id2Fmc2lrYWNcbnVEQ2wwczFMeEpMdzQxeFhKZjZrbDJT  
L2VWOWduTnFwbmtObDVTWUx1aDVLeE9kTGITQUhObHdZenI0emNPdXNcbnRzUCt1MzVFMm9  
2WElrOEtPYUh1Qmh6NWM2RHRwbXBkdGswM2JkeEQxbkpvOWFIK0dxTWg2cVMxNDg5Sk4wMI  
dcbjdVdXU5QkhyV2J0UEw3cFFTS0hOWENiLytOZEFnRUtsUEFHsZJSMmFBSWdKQnpTbmsxQ3daY  
U9IS0F0LzNnOFpcbjloTWN4ekNRenlwN3owK09rQXdhA3VXU3JnRE01QVR2Z01oUlhZS3M0UUtCZ  
1FETFU0QU1waEtKk3hYaE5uaFlcbkRhSnBmMDlweVNsSDNNdWY5V0t3UFhTODQ0N01IZGwrVEh  
QcEtHeE42cEdJVWUwTE9xdURJZFERtnJONFZCditebmlnOVUrTGR5NWdlSDZKR2lrOTdqWDkvelhaT  
1BPVTZqSndZRI8zenN6dG9MT0loZHUvR3J3SVF2cUp0b0hpeGRcbk85M3dYK2NjVk01eVRJcHBMc  
UF2LytydUV3S0JnUUM5N3BabUVtS2EvaWZCR3NMalkrVESrY1lxMFhMQnpWdzdcblBPVHFsr1RKb  
ElBbVpQR2lvbmFYczhPWUd2cGdNb2hUK2J0b1BKQjdzRDF6ZWfMNEVUbloyaTJsOHNPouTEWU5  
cbkxXUE1NT0lacGhVeVgxSkRBWkM3VGEvRWh0eE5FV3p5c200ZkxIOThQaHVDWTdKdVVAOEY4W  
kJWVnV0ZmZrYzJcbmxFbU5uN2Q3a3dLQmdCOTVISXY4dFVzUIVDekJ3dFZXbnZxWHc1Skxtb0ZPV  
TVNYWFFR0I4ZTAvaUo1ZVRJbTVcbmlnUGd4d3Mwc1h5WnVna1A5dmJncUx0TXVuRjVDN0JXYk5N  
cGdUUmZHSTE2bWZqQnpUSURhR2FDNk5HMS9FOVRcblBpSjFqMEFWTVRtbGNhNlk1bXRBN1B  
WM3N6N2wxTlpGNnpCSG1ENFJmcmZBMDNnK3IldEzZWGRUQW9HQkFJZjVcbnNyVDZ2cHRtRDR  
JQkxidHJ2ZFhQQU9hMGYycmVJZ1RLOEx3OFp2ZW1HQ1RrcWREYldYMzhGYkRreDVGdFBBcWFcb  
nhKKzRsRnZvN2VxcEdDYII5ay9RRWxRM1BBbEZLNfU5bExBUDR4OG50dzhzRFJHcG9qdG1QOHl4  
SGVZUzdXUEdcbk9HNmNEVk11aDdWT3VPU2dETEJOBzk1azd2ZWJ5Vkg2MGJuUnVhTi9Bb0dCQU  
tlelBVL1hNSINmelBWSy9FM01cbkVydWNUWfJTWZvc0ZrRVRhemZFNkxSQktyZIVGaGdSck9yNn  
RVbm5ZVWcvZ21YWHhCbjNTLzZqbKprSjhDUTRcbmZjVldKWkhTXRZR0krZWREUzYzUVFnbklRak  
85cGtPZFZXQ2ICZzFCSihQbVvNZ1d0ck1YaFJ1T2g3OGRtTURcblU1NGhqdxRVUXVlcljEVm1ZRllWZ  
ExtavXuLS0tLS1FTkQgUFJJvKFURSBLRVktLS0tLVxuliwNCiAgImNsaWVudF9lbWFpbCl6ICJmaXJlYmF  
zZS1hZG1pbmNkay1mYnN2Y0Bzc2FmeS00NDkzMDcuaWFtLmdzZXJ2aWNlYWVnb3VudC5jb20iLA  
0KICAiY2xpZW50X2lkjogljEwMTMyMzEzNjU4MDY0NzQyMDI5MSIsDQogICJhdXRoX3VyaSI6ICJo  
dHRwcZovL2FjY291bnRzLmdvb2dsZS5jb20vby9vYXV0aDIvYXV0aCl5DQogICJ0b2t1bl91cmkiOiAiaH  
R0cHM6Ly9vYXV0aDIuZ29vZ2x1YXBcy5jb20vdG9rZW4iLA0KICAiYXV0aF9wcml94NTA5X  
2NlcnRfdXJsJoglmh0dHBzOi8vd3d3Lmdvb2dsZWfwaXMuY29tL29hdXRoMi92MS9jZXJ0cyIsDQog  
ICJjbGllbnRfeDUwOV9jZXJ0X3VybCl6ICJodHRwcZovL3d3dy5nb29nbGVhcGlzLmNvbS9yb2JvdC92  
MS9tZXRhZGF0YS94NTA5L2ZpcmViYXNlLWfkbWluc2RrLWZic3ZjJTQwc3NhZnktNDQ5MzA3Lmlh  
bS5nc2VydmljZWfjY291bnQuY29tliwNCiAgInVuaXZlcnNlX2RvbWFpbil6ICJnb29nbGVhcGlzLmNvb  
SINCn0NCg==

### 3. 배포 시 특이사항

○ Jenkins 사용

○ 우분투 방화벽

[ 1] 22	ALLOW IN	Anywhere
[ 2] 80	ALLOW IN	Anywhere
[ 3] 44	ALLOW IN	Anywhere
[ 4] 8989	ALLOW IN	Anywhere
[ 5] 443	ALLOW IN	Anywhere
[ 6] 3306	ALLOW IN	Anywhere
[ 7] 50000	ALLOW IN	Anywhere
[ 8] 8081	ALLOW IN	Anywhere
[ 9] 8080	ALLOW IN	Anywhere
[10] 8000	ALLOW IN	Anywhere
[11] 9090	ALLOW IN	Anywhere
[12] 5273	ALLOW IN	Anywhere
[13] 8082	ALLOW IN	Anywhere
[14] 27017	ALLOW IN	Anywhere
[15] 27017/tcp	ALLOW IN	Anywhere
[16] 5228	ALLOW IN	Anywhere
[17] 5229	ALLOW IN	Anywhere
[18] 5230	ALLOW IN	Anywhere
[19] 3000	ALLOW IN	Anywhere
[20] 6379	ALLOW IN	Anywhere
[21] 22 (v6)	ALLOW IN	Anywhere (v6)
[22] 80 (v6)	ALLOW IN	Anywhere (v6)
[23] 44 (v6)	ALLOW IN	Anywhere (v6)
[24] 8989 (v6)	ALLOW IN	Anywhere (v6)
[25] 443 (v6)	ALLOW IN	Anywhere (v6)
[26] 3306 (v6)	ALLOW IN	Anywhere (v6)
[27] 50000 (v6)	ALLOW IN	Anywhere (v6)
[28] 8081 (v6)	ALLOW IN	Anywhere (v6)
[29] 8080 (v6)	ALLOW IN	Anywhere (v6)
[30] 8000 (v6)	ALLOW IN	Anywhere (v6)

[31] 9090 (v6)	ALLOW IN	Anywhere (v6)
[32] 5273 (v6)	ALLOW IN	Anywhere (v6)
[33] 8082 (v6)	ALLOW IN	Anywhere (v6)
[34] 27017 (v6)	ALLOW IN	Anywhere (v6)
[35] 27017/tcp (v6)	ALLOW IN	Anywhere (v6)
[36] 5228 (v6)	ALLOW IN	Anywhere (v6)
[37] 5229 (v6)	ALLOW IN	Anywhere (v6)
[38] 5230 (v6)	ALLOW IN	Anywhere (v6)
[39] 3000 (v6)	ALLOW IN	Anywhere (v6)
[40] 6379 (v6)	ALLOW IN	Anywhere (v6)

○ 한국 시간대 설정해야 정확함

#### 4. DB 접속 정보 및 프로젝트에서 활용되는 주요 계정 정보

DB	username	Password	Schema or Collection
MySQL	Root	coldbrew!nice*tree	iscream
MongoDB	ssafy	ssafy123ssafy	Chatdb