FileFighter

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1. Vision

1.1 Vision

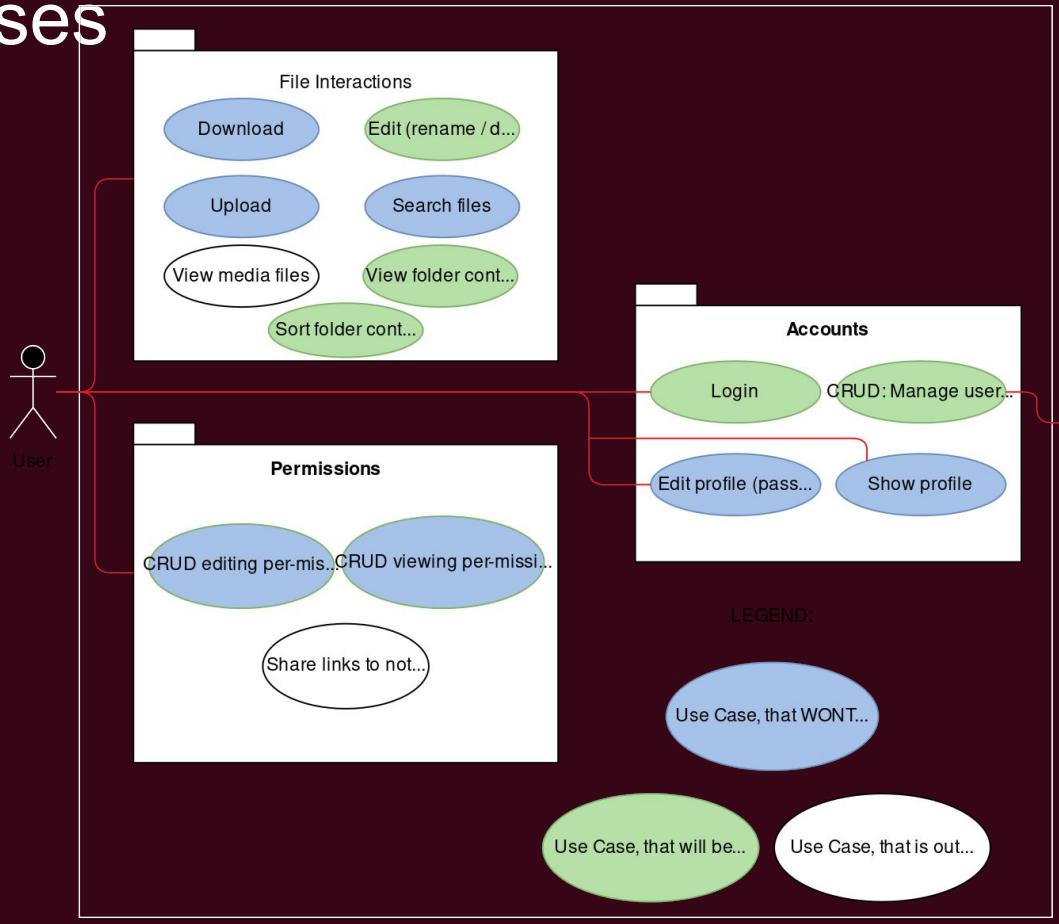
- Network-Attached-Storage solution
- easy to set up for self-hosting
- open source alternative for Google-Drive/Dropbox
- for home use

Features

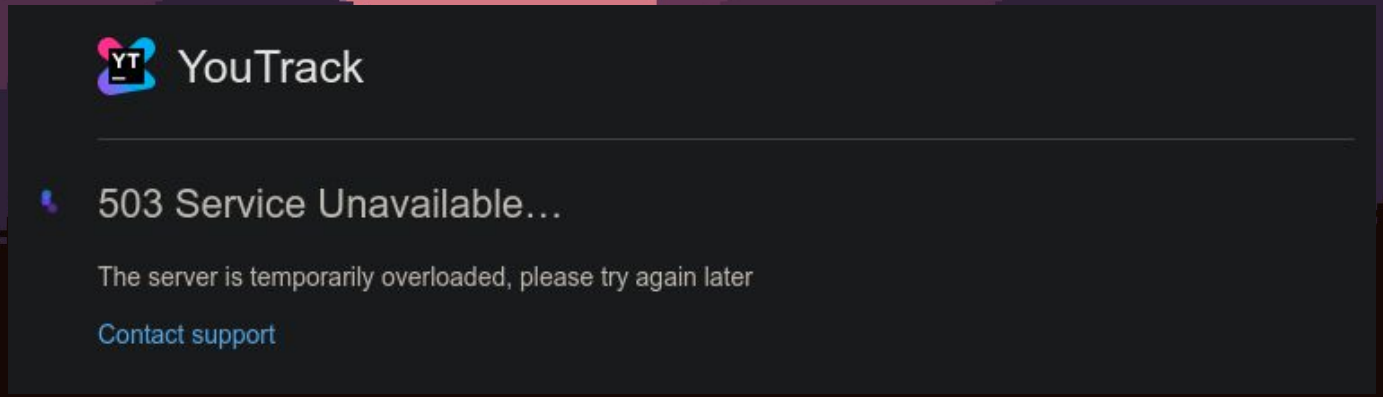
- easy to setup
- fast
- simple
- secured via login
- well structured web interface
- supports all the common file types
- different user groups
- share files and folders
- change visibility and rights to edit of files and folders
- upload, download, get rid of files
- find all files with our search feature

1.2 Scope & Use Cases

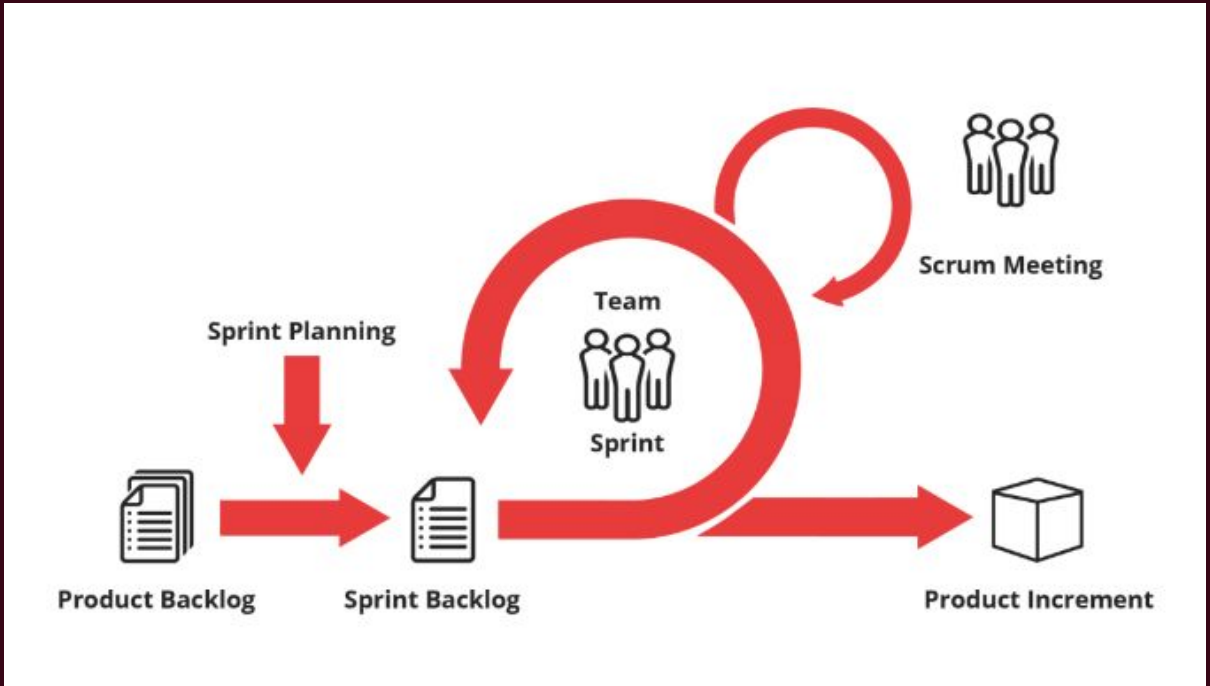
- 1st Semester
  - CRUD users
  - View Folder contents
  - Edit filesystem (rename, delete)
  - Install Script / Tool
- 2st Semester
  - Download
  - Upload
  - Search files
  - Edit / Show profile



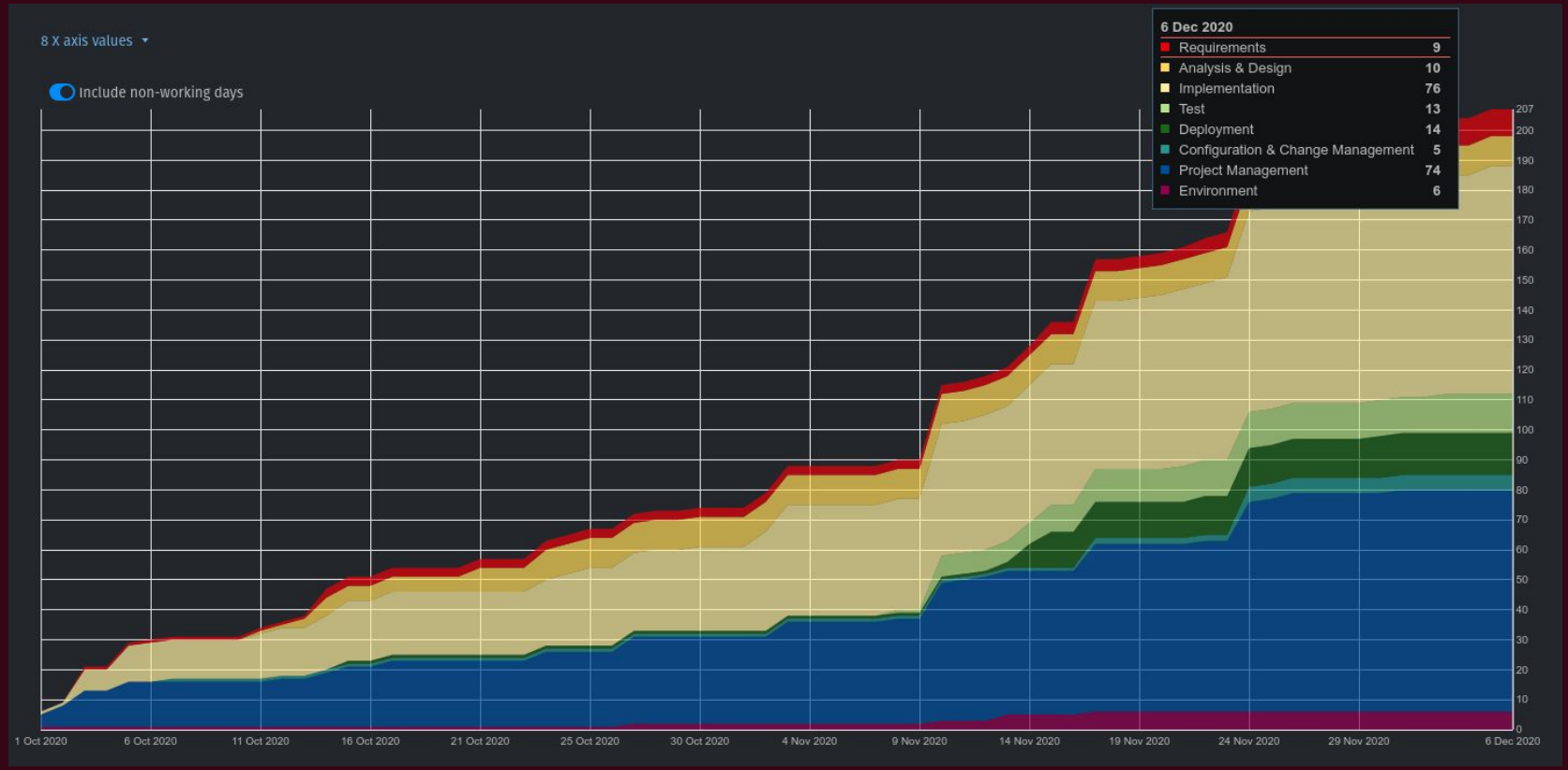
2. How we work


YouTrack
503 Service Unavailable…
The server is temporarily overloaded, please try again later
Contact support

2.1 Scrum


Scrum Meeting
Team
Sprint Planning
Sprint
Product Backlog
Sprint Backlog
Product Increment

2.2 RUP / long term planning

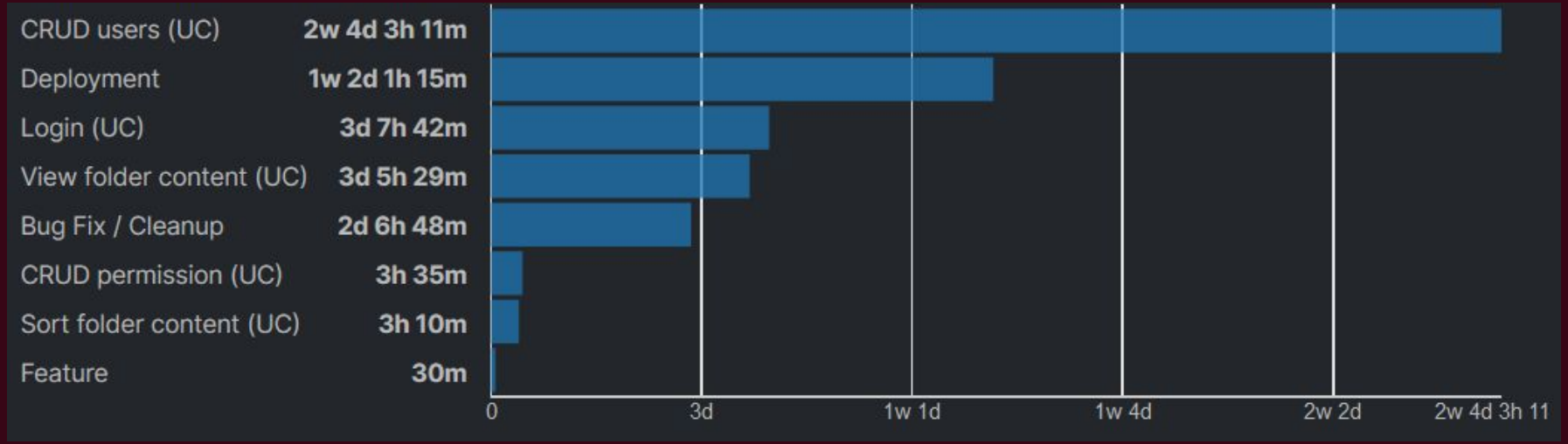


2.3 Burndown Chart

2.4 Time Report

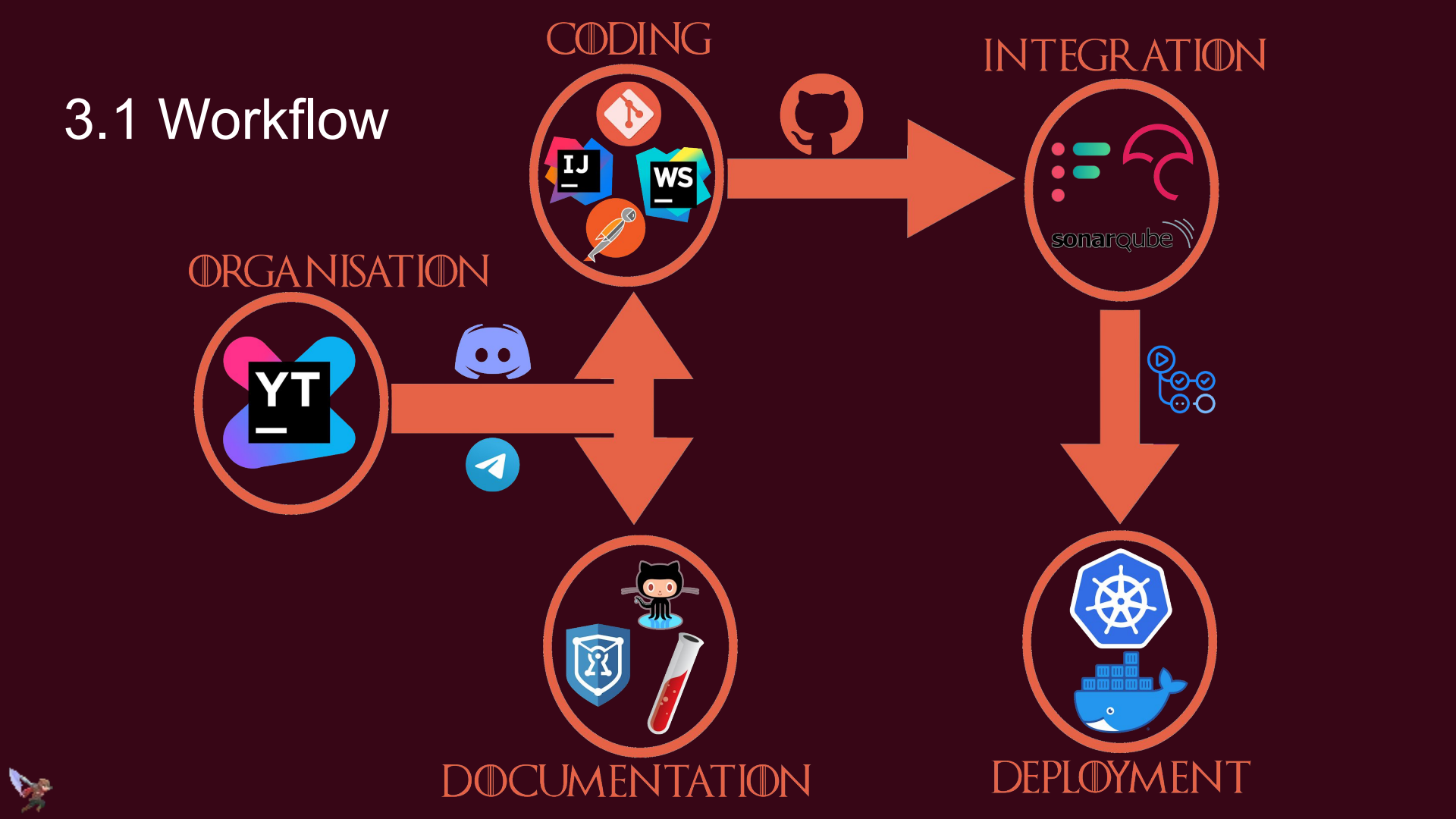
Users	Time estimated	Time spent	Development	Documentation	PR Review	Testing
Total time	**188h 05m**	**318h 01m**	**229h 10m**	**74h 16m**	**3h 58m**	**10h 37m**
Gimleux		94h 49m	62h 16m	32h 25m	08m	
Open Schnick		158h 12m	138h 16m	19h 46m		10m
Valentin		65h 00m	28h 38m	22h 05m	3h 50m	10h 27m

2.5 Time per Use Case

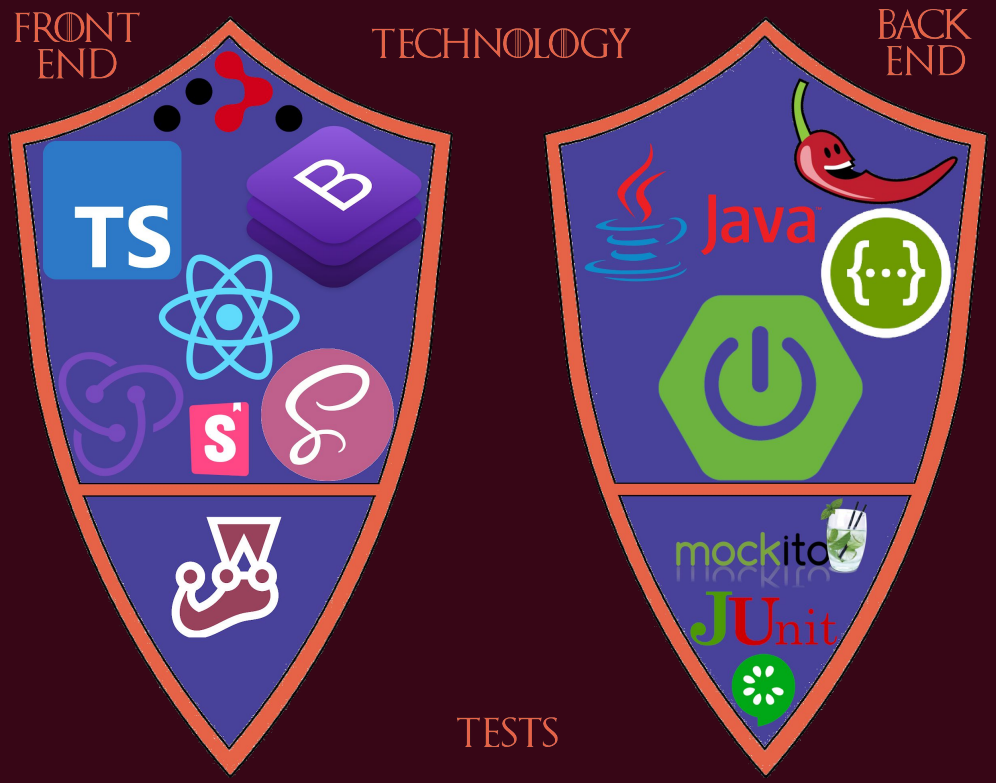


3. Quality

3.1 Workflow


CODING
INTEGRATION
ORGANISATION
DOCUMENTATION
DEPLOYMENT
IJ
WS
YT
sonarqube

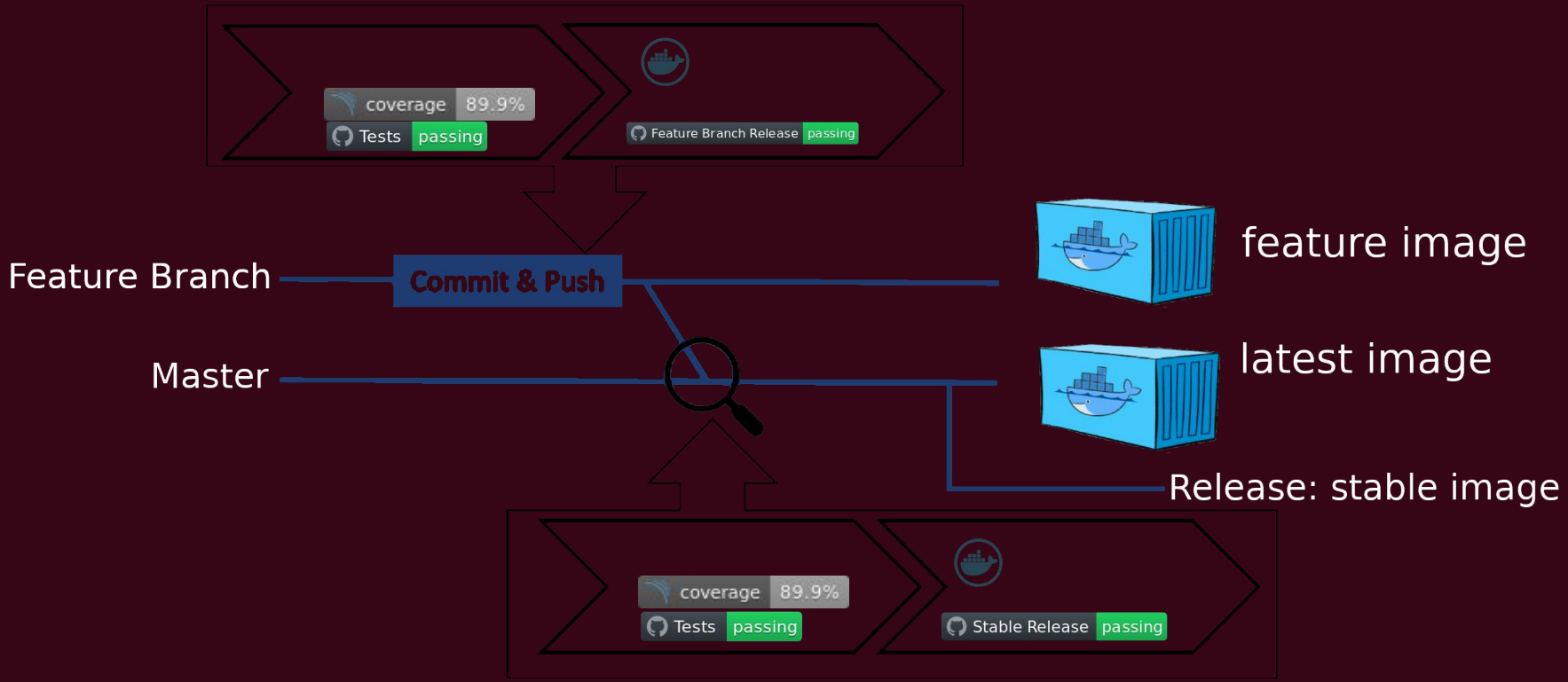
3.2 Technologies



3.3 Architecture

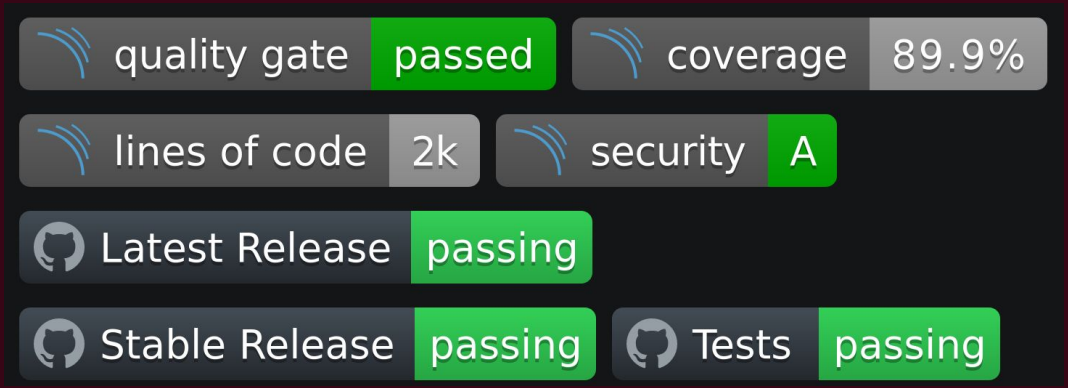
- Microservice architecture
- Code maintained by us:
  - MVC backend.
  - Frontend
  - Data upload / download handler
- Third party code:
  - Database
  - Reverse Proxy for easier usage and security

3.4 CI/CD & Automation



3.5 Code Quality & Tests

- Unit Tests in backend
- Integration tests with Cucumber
- CI/CD with SonarQube, CodeCov, CodeFactor

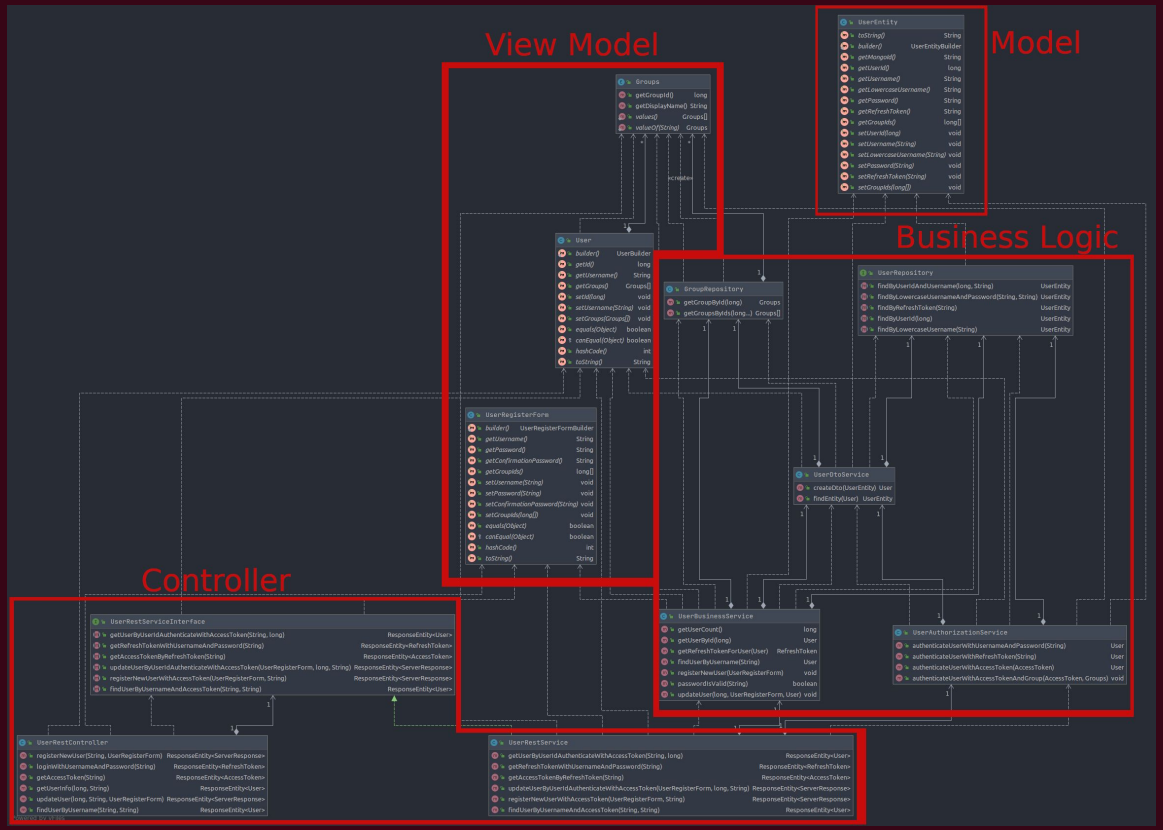


4. Technical Ability

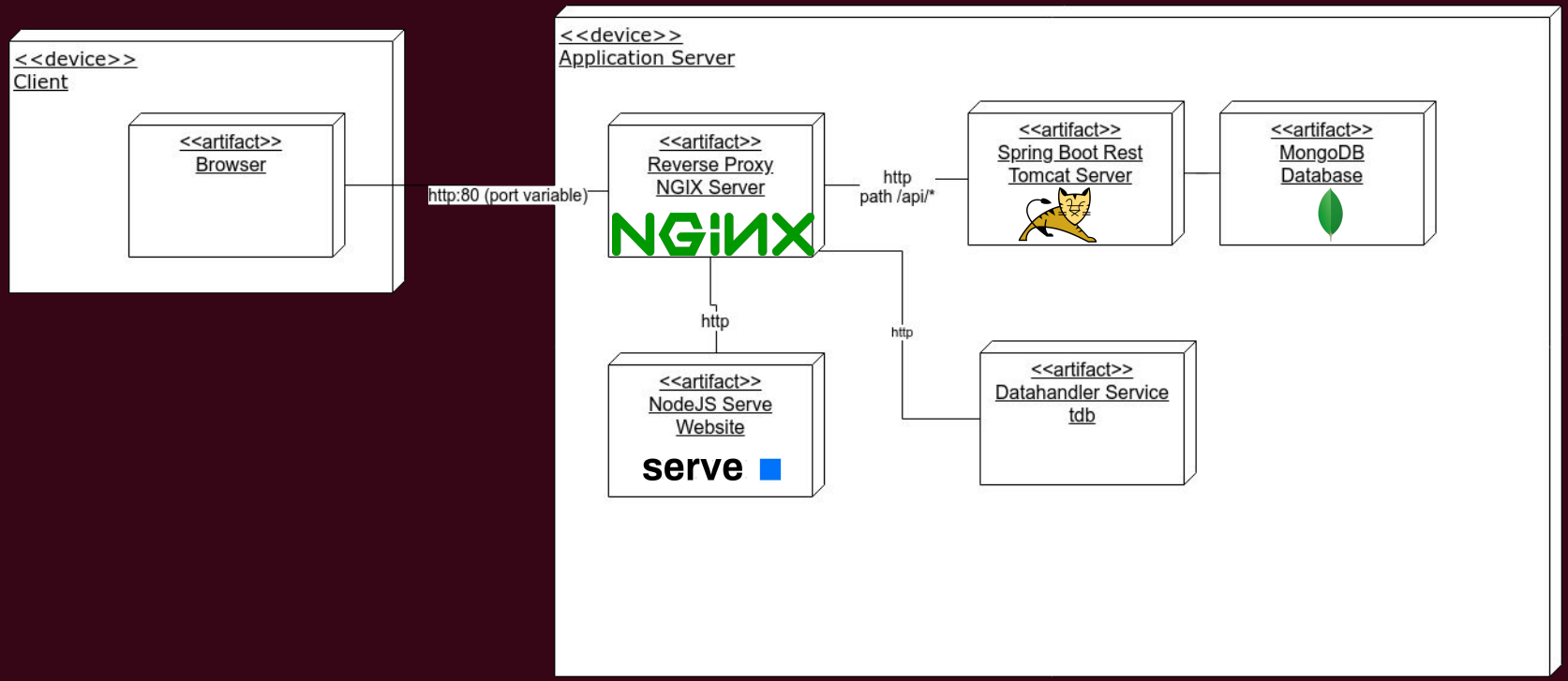
4.1 Blogging & Documentation

“I even write my shopping list in MD.” - qvalentin

4.2 Class Diagram



4.3 Deployment View



4.3 Demo

filefighter.ddns.net:3001

Username: Test
Password:)BG9#3Z&ZJEdk.yh!wnf

filefighter.github.io