

Jiskefet

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Huynh, Misha
Rigot, Ramon Gill

Voortgang Jiskefet

Huidige situatie

Laatste sprint

Scientific Programming

Architecture &
Development

Documentation

Requirements

Testing

Jiskefet

Amin Chihab, Bastiaan Reinalda, Calvin Huynh,
Misha Rigot, Ramon Gill

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Table of contents

Jiskefet

Amin Chihab,
Bastiaan
Reinalda, Calvin
Huynh, Misha
Rigot, Ramon Gill

Voortgang
Jiskefet

Huidige situatie

Laatste sprint

Scientific
Programming

Architecture &
Development

Documentation

Requirements

Testing

1 Voortgang Jiskefet

- Huidige situatie
- Laatste sprint

2 Scientific Programming

- Architecture & Development
- Documentation
- Requirements
- Testing

CERN trip

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Voortgang
Jiskefet

Huidige situatie

Laatste sprint

Scientific
Programming

Architecture &
Development

Documentation

Requirements

Testing



Huidige situatie

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Reinalda, Calvin
Huynh, Misha
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Voortgang
Jiskefet

Huidige situatie

Laatste sprint

Scientific
Programming

Architecture &
Development

Documentation

Requirements

Testing

- Version 0.1 released
- CERN SSO
- Logging
- Testing
- Jenkins CI

Laatste sprint

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Jiskefet

Huidige situatie
Laatste sprint

Scientific
Programming

Architecture &
Development
Documentation
Requirements
Testing

- General
 - Config/environment variables validation
- Front end
 - Atomic design
 - Redux
 - Testing
- Back end
 - Standardize endpoints
 - CERN SSO Logout
 - More testing
- Deployment
 - Reduce the manual steps required to deploy the CI server

Demo

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Voortgang
Jiskefet

Huidige situatie
Laatste sprint

Scientific
Programming

Architecture &
Development

Documentation

Requirements

Testing

[Demo link](#)

Architecture & Development

Jiskefet

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Rigot, Ramon Gill

Voortgang
Jiskefet

Huidige situatie
Laatste sprint

Scientific
Programming

Architecture &
Development

Documentation
Requirements
Testing

■ Currently we are able to implement:

Architecture & Development

Jiskefet

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Voortgang
Jiskefet

Huidige situatie
Laatste sprint

Scientific
Programming

Architecture &
Development

Documentation
Requirements
Testing

■ Currently we are able to implement:

1 Container technology

Architecture & Development

Jiskefet

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Huynh, Misha
Rigot, Ramon Gill

Voortgang
Jiskefet

Huidige situatie
Laatste sprint

Scientific
Programming

Architecture &
Development

Documentation
Requirements
Testing

■ Currently we are able to implement:

- 1 Container technology
- 2 Automated deployment

Architecture & Development

Jiskefet

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Voortgang
Jiskefet

Huidige situatie
Laatste sprint

Scientific
Programming

Architecture &
Development

Documentation
Requirements
Testing

■ Currently we are able to implement:

- 1 Container technology
- 2 Automated deployment
- 3 Continuous Integration (with GitLab)

Documentation

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Voortgang
Jiskefet

Huidige situatie
Laatste sprint

Scientific
Programming

Architecture &
Development

Documentation
Requirements

Testing

A Practical Method for Documenting Software Architectures

- Adopting a view-based approach to documentation, and then following that approach with discipline.
- Documentation in Git repository is done by adding a README.md file per folder that needs explanation.

Requirements

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Voortgang
Jiskefet

Huidige situatie
Laatste sprint

Scientific
Programming

Architecture &
Development
Documentation
Requirements
Testing

Continuous Integration

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Voortgang
Jiskefet

Huidige situatie
Laatste sprint

Scientific
Programming

Architecture &
Development

Documentation
Requirements

Testing

■ Achieved goals

- separate Jenkins CI server
- linting with Jenkins
- testing with Jenkins (back end)
- codecov reports with Jenkins

■ To do

- snapshot testing (front end)
- higher codecov (greater than 80%)

Test Automation Swarm Intelligence

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Laatste sprint

Scientific
Programming

Architecture &
Development

Documentation

Requirements

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- Search Based Software Testing and Bee Colony Optimization
- Explorers and workers
- Intensification and diversification strategy