



# DigiWill Final Presentation

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# Agenda

1. Vision

2. Live Demo

3. Project Management

4. Development

# Vision

“Everyone will **pass away** at some point. The only thing we can do in the meantime is **prepare** ourselves.”



A photograph of a cemetery with numerous grey stone headstones of various shapes and sizes. The headstones are set in a green grassy field. In the background, there are several large, leafy trees and a blue sky with scattered white clouds. A semi-transparent white rectangular box is overlaid in the center of the image, containing the text "Live Demo".

Live Demo



# Project Management

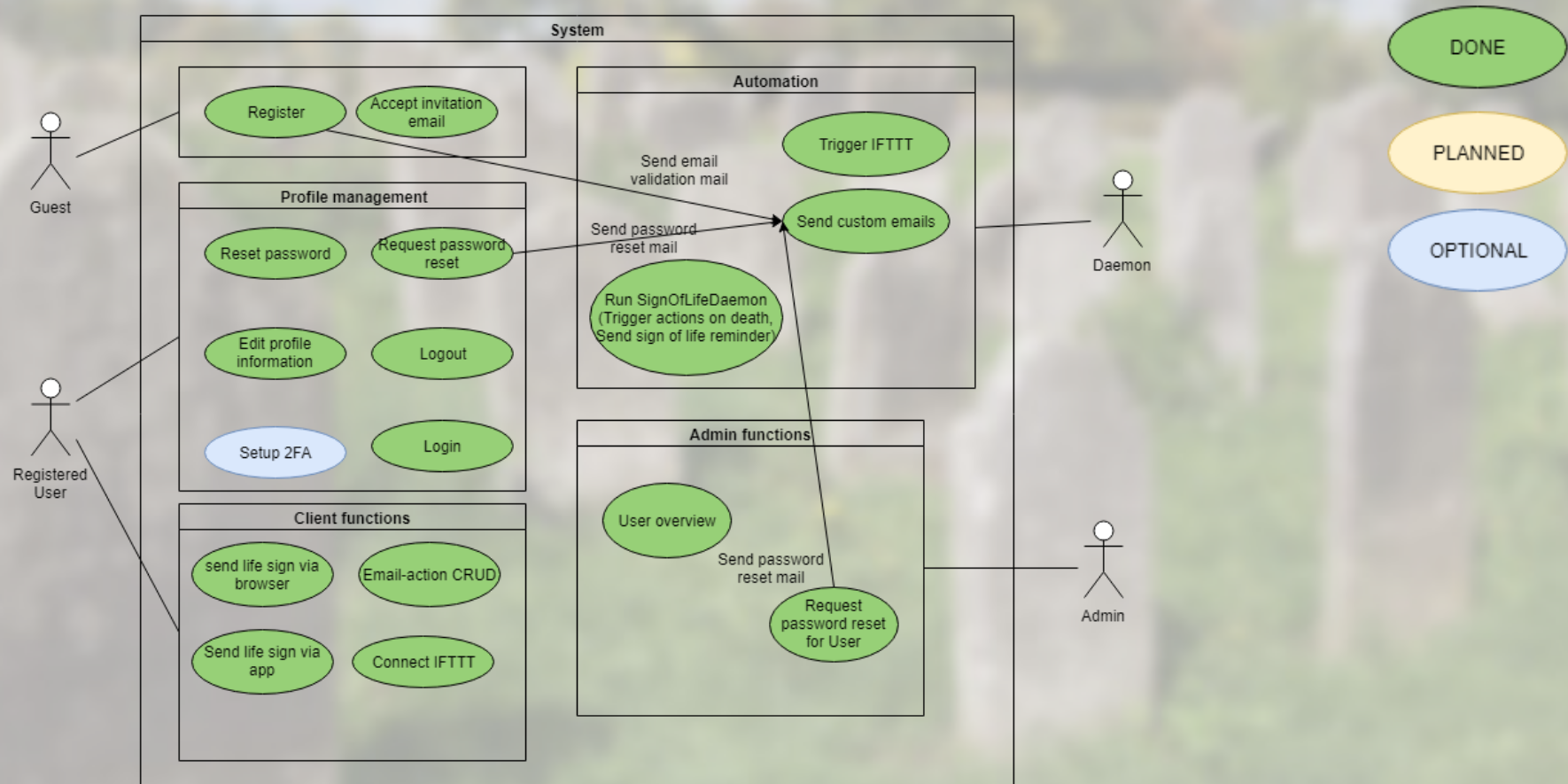


# Methodology & Management

- SCRUM workflow
- RUP Team roles
- Dedicated risk mitigators

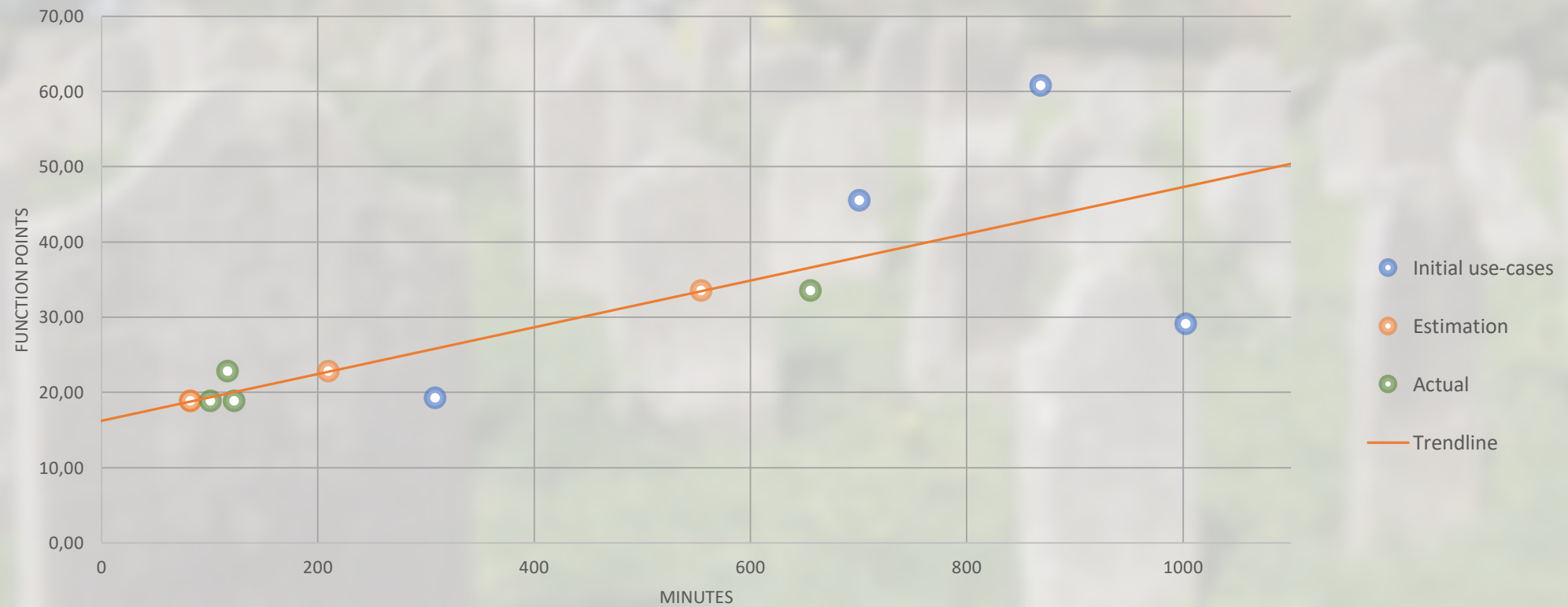


# Use cases





# Cost estimation





A photograph of a cemetery with numerous gravestones of various shapes and sizes, mostly made of grey stone. The stones are set in a grassy field. In the background, there are several large, leafy trees and a blue sky with scattered white clouds. A semi-transparent white rectangular box is overlaid in the center of the image, containing the word "Development" in a black, sans-serif font.

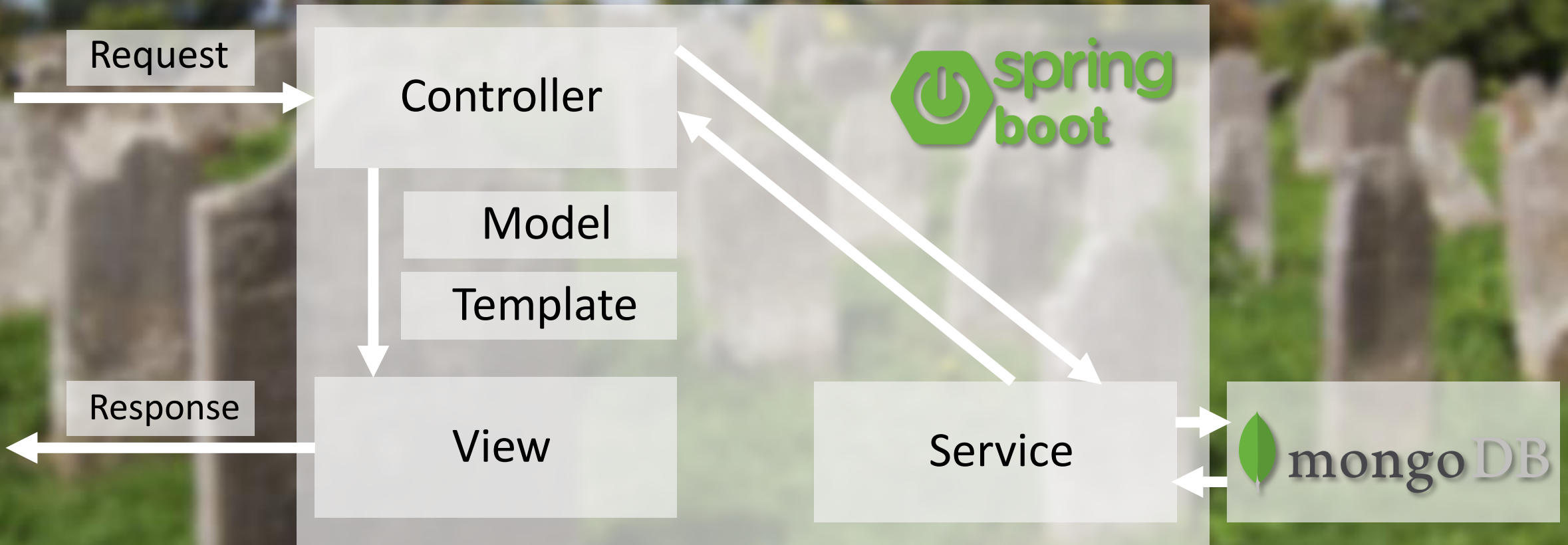
Development



# Technology Stack

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# Architecture











# Development Methodology

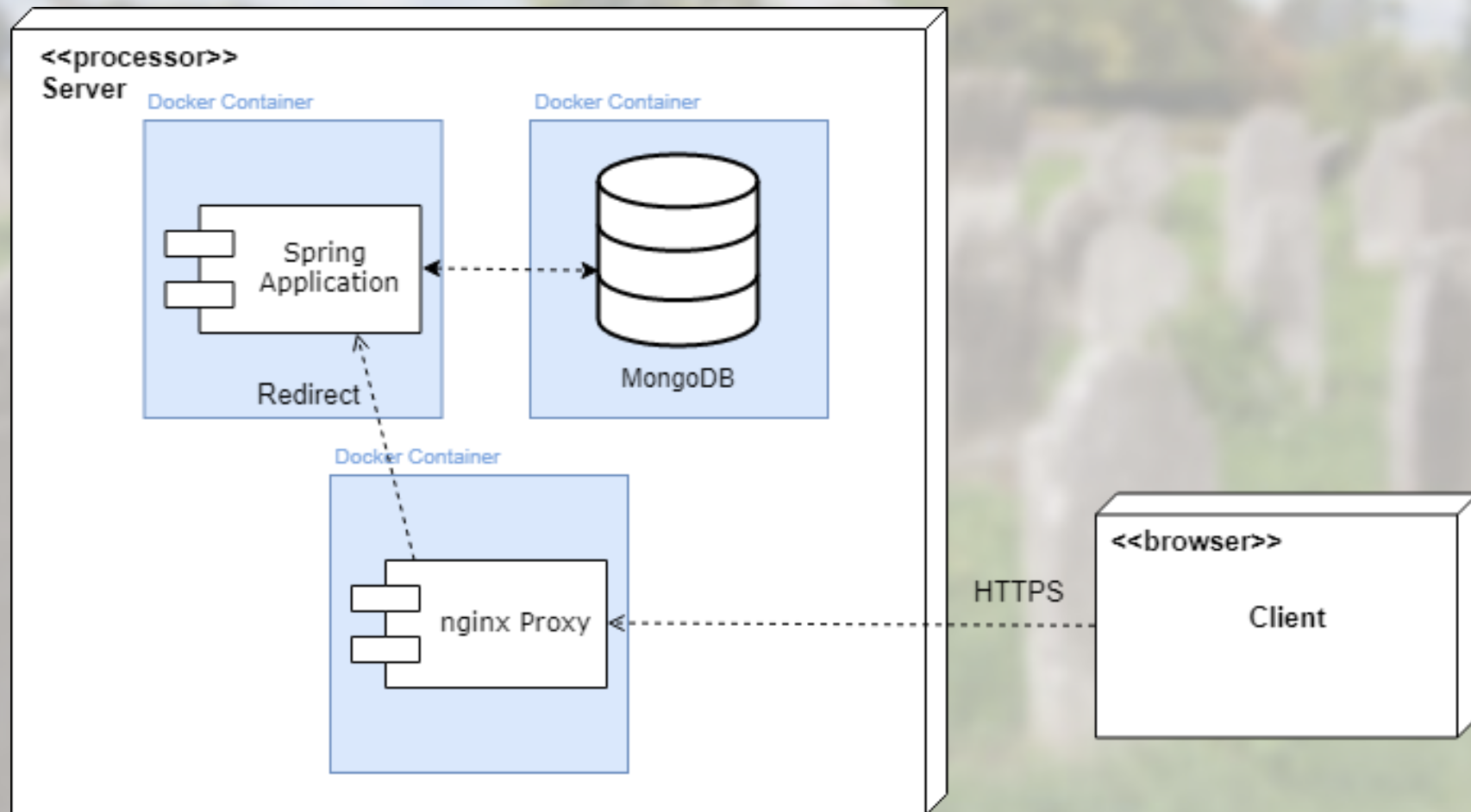
- Git
- Code reviews
- Employed established code patterns
- Mostly followed Clean Code Principles
- Continuous refactoring



# Continuous Integration/Delivery

What?	Push to dedicated issue branch	Build & Compile	Test	Deploy
Why?	<ul style="list-style-type: none"><li>- Proper version control</li><li>- Code reviews</li></ul>	<ul style="list-style-type: none"><li>- Automation of the process</li><li>- Integration to other tools</li></ul>	<ul style="list-style-type: none"><li>- Application works as expected</li></ul>	<ul style="list-style-type: none"><li>- Publish application</li></ul>
How?	 <b>GitHub</b>	 <b>Jenkins</b>  <b>Maven™</b>	 <b>cucumber</b>  <b>JUnit</b>	 <b>docker</b>

# Deployment View





# Quality Assurance

**JUnit**

 **Se**  
**cucumber** 

 **snyk**

 **APACHE**  
**JMeter**<sup>TM</sup>

**sonarqube** 

  
**Code Review**

# Metrics

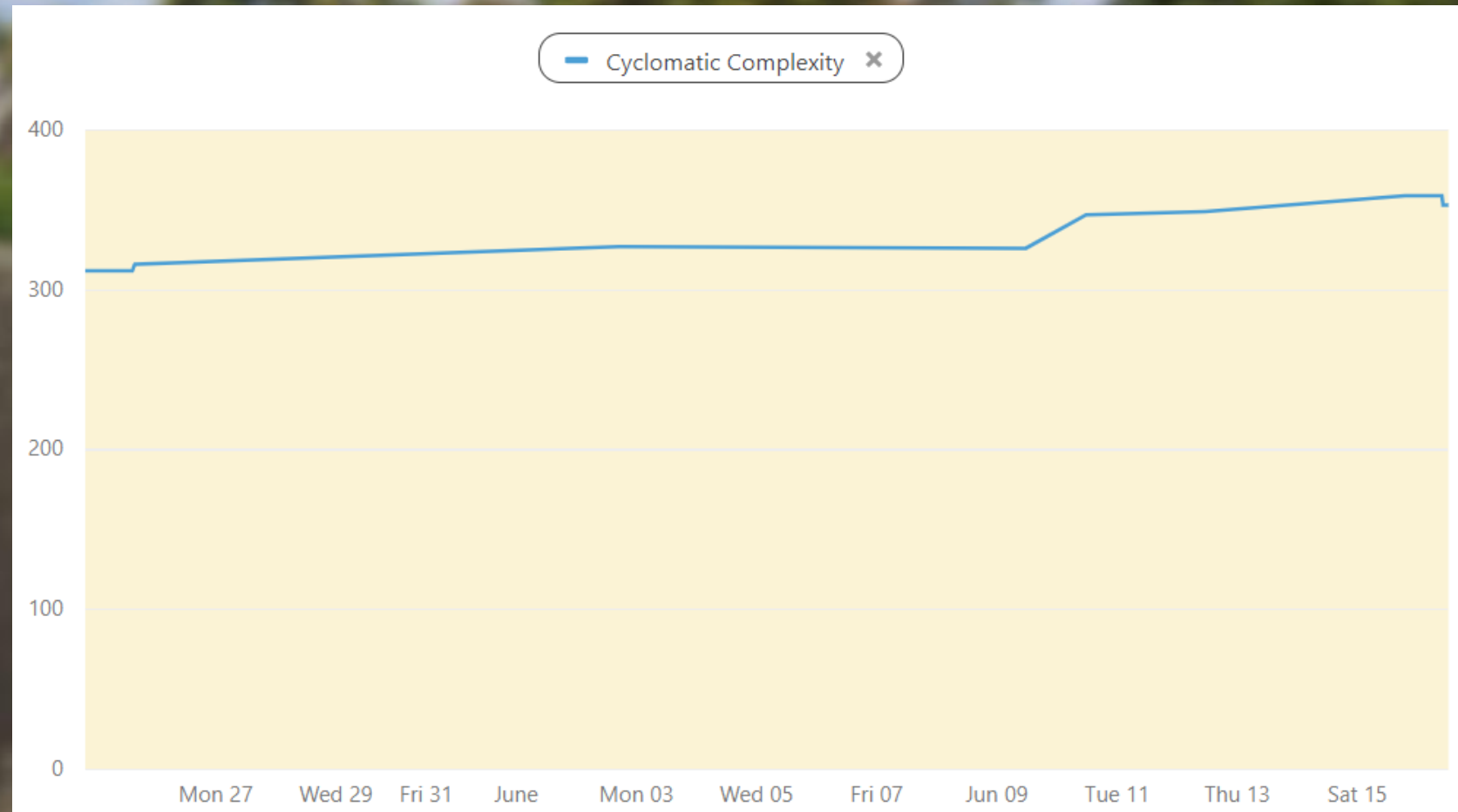


78.7%

Coverage ?

75.7%

Coverage on  
262 New Lines to Cover



Thank you for your attention



digiwill



# Image Sources

- <https://blog.vrypan.net/2018/10/08/181008-the-graveyard-of-internet-services-does-not-have-to-be-the-graveyard-of-your-creativity-too/>
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- <https://itunes.apple.com/us/app/youtrack/id1028024655?mt=8>
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- <https://github.com/snyk/jobs>
- <https://twitter.com/endlichcleannet/status/3361740397>