

Project Report

DEVOPS, SOFTWARE EVOLUTION AND SOFTWARE MAINTENANCE

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1 System's Perspective

1.1 Overview

2 Process' Perspective

2.1 CI/CD chains

2.2 Github

2.2.1 Organization of repositories and branching strategy

issues are used to track what needs to be done, and how far a task is from completion. Upon creation, issues are given tags as well as being organized into Projects.

2.3 monitoring and logs

2.4 scaling and load balacing

3 Lessons Learned

3.1 refactoring

3.2 Maintenance