



Storm Cloud Development

Agenda

1. Business Need
2. Project Methodology
3. Quality
4. Demo

Vision

Online calendar and mail client for everyone!

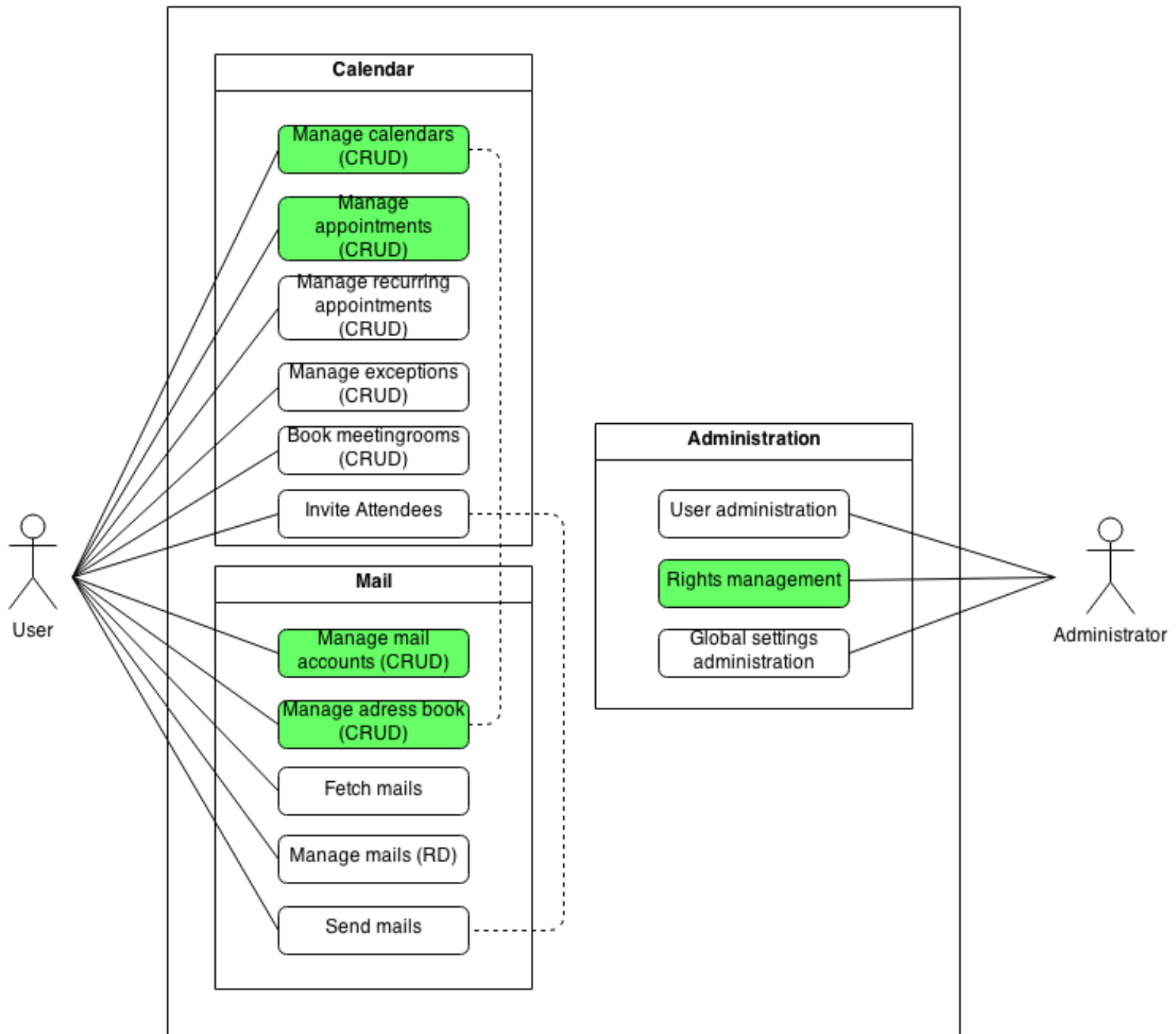


Team Members/Roles

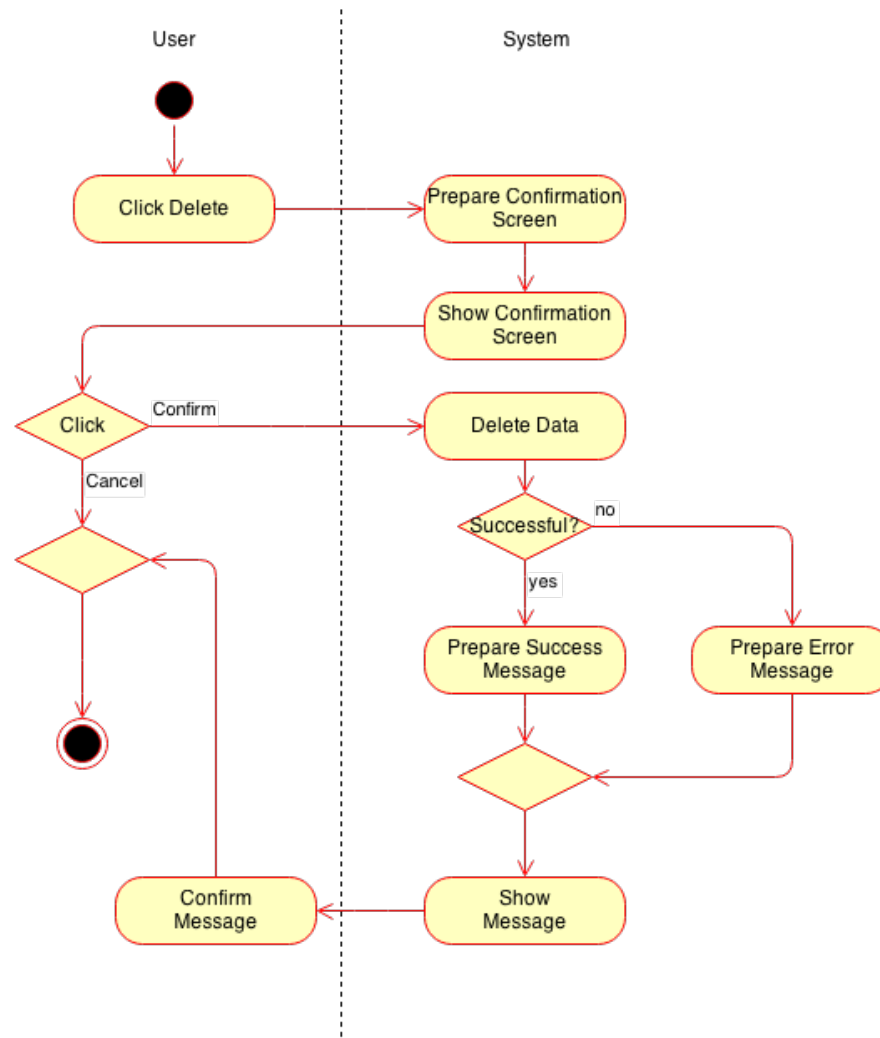
Andreas Haberl	Designer, Backend Developer, Database Administrator/Architect, System Administrator
Tobias Engelmann	Backend Developer, Frontend Developer, Blogger
Tobias Seber	Project Manager, Requirements Specifier, Database Architect

Software Requirements Specification

- Usability
 - English only
- Supportability
 - Occuring Bugs will be fixed
- Online User Documentation and Help System Requirements
 - Online Help should be available



Activity Diagram (delete)

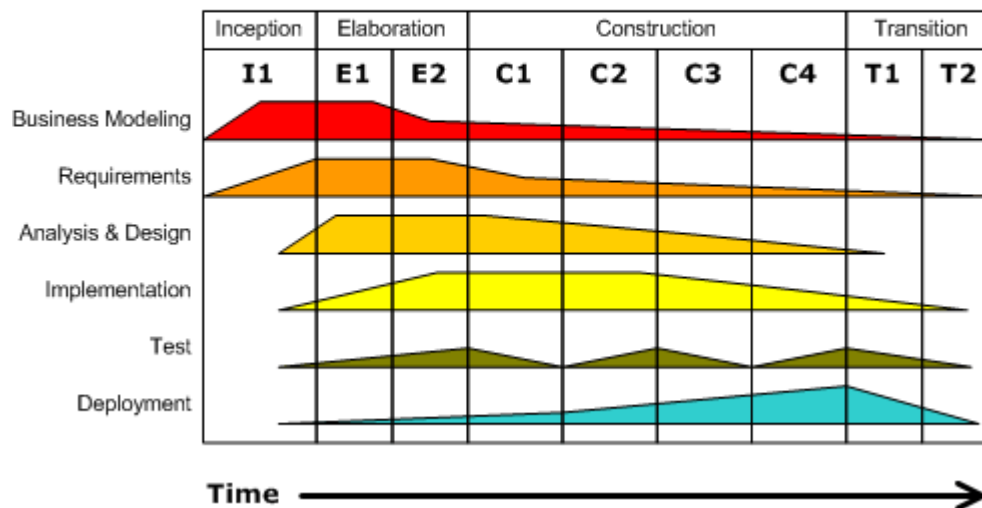


Project Methodology

- Rational Unified Processes
- Project Management via Jira/MSPProject
- Sprint: Duration: 2 weeks

Iterative Development

Business value is delivered incrementally in time-boxed cross-discipline iterations.

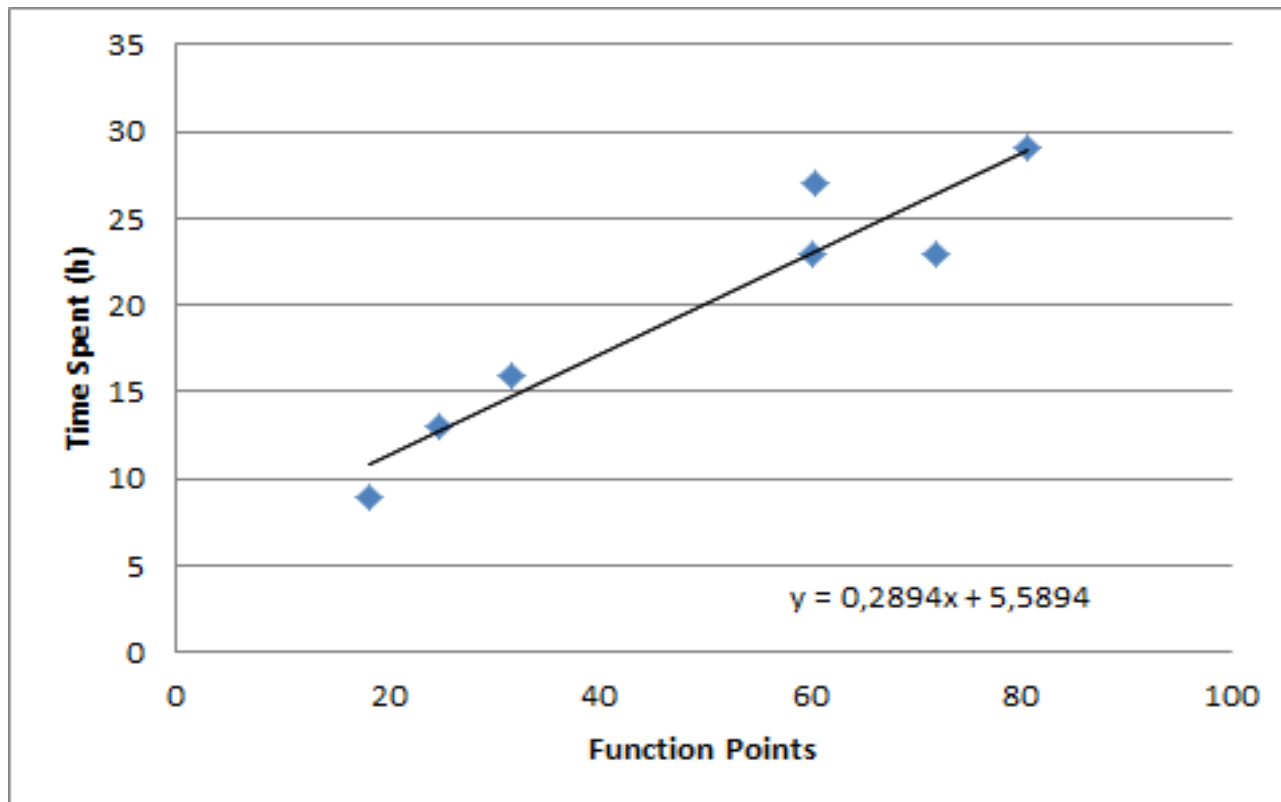


Project Methodology

- Function Points
- Iterations:
 - Changing Specification

Project Methodology

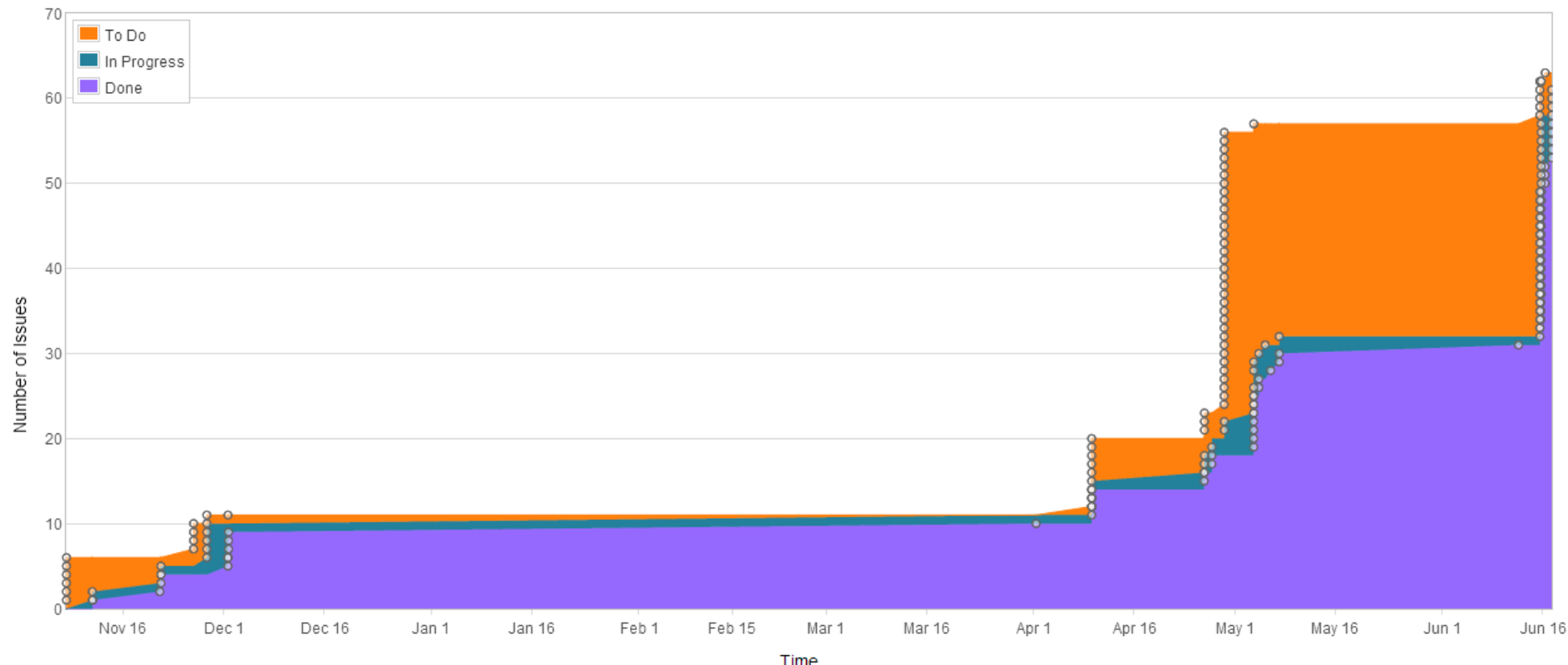
- Function Points Estimation



Burndown Chart

Cumulative Flow Diagram

7/Nov/13 to 17/Jun/14 (All Time) ▾ Refine report ▾



Quality - Architecture

- Python with Django
 - Model-View-Template concept
 - mighty libraries
 - stable and tested
- IDE: Sublime Text

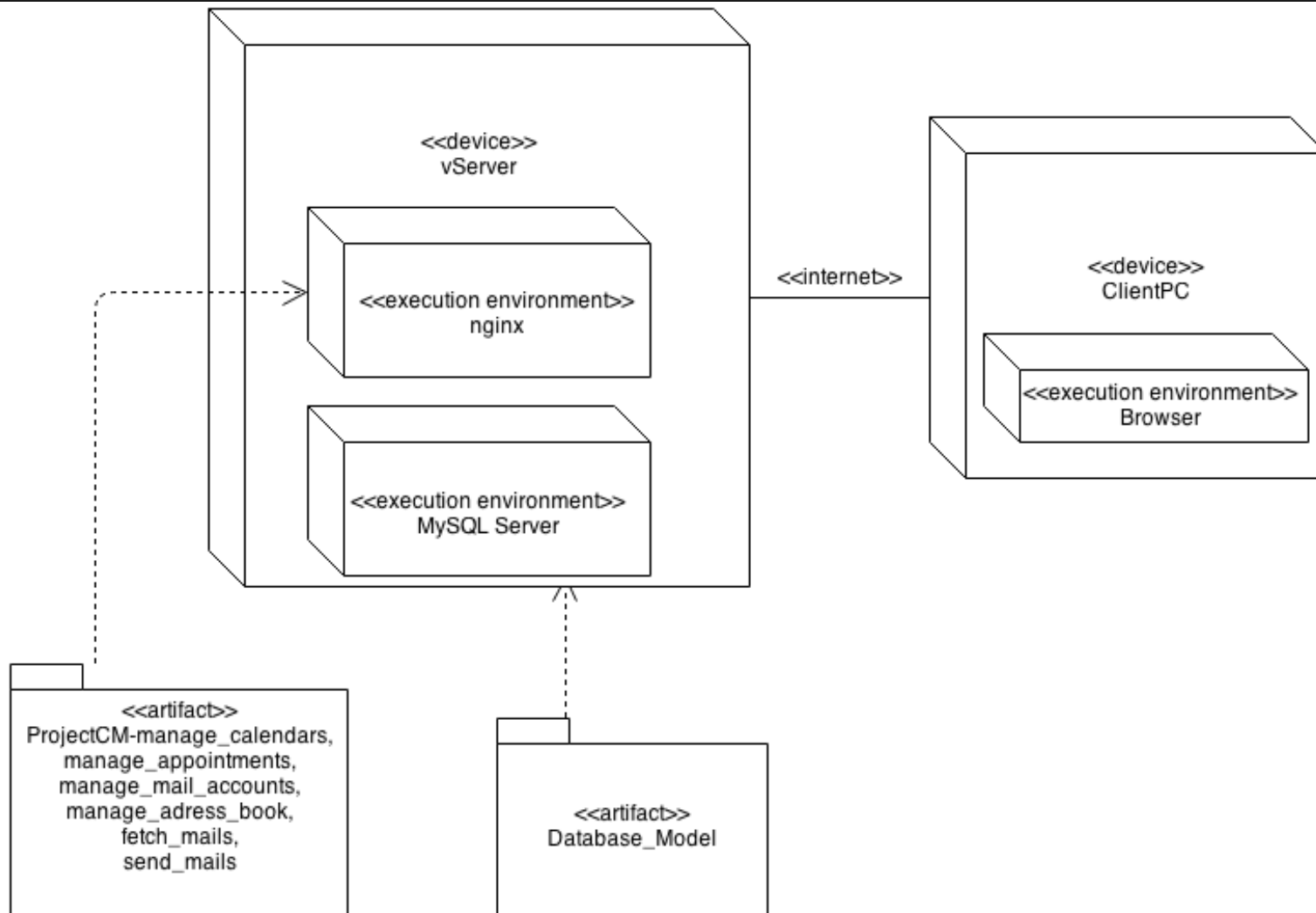
Quality - Version Control

- GIT
 - Document management
 - Code managment
 - Collaboration

Quality - Testing/Metrics/Pattern

- Automated testing:
 - [travis.ci](https://travis-ci.org/)
 - coveralls.io
- Metrics:
 - Radon (Python Plugin)
- Pattern:
 - Extract method

Deployment Diagram



It's Demo Time

Thank you for your attention



<https://github.com/tobias-engelmann/ProjectCM>

<https://travis-ci.org/tobias-engelmann/ProjectCM>

<https://coveralls.io/r/tobias-engelmann/ProjectCM?branch=master>

<https://github.com/tobiasseber/ProjectCM>