



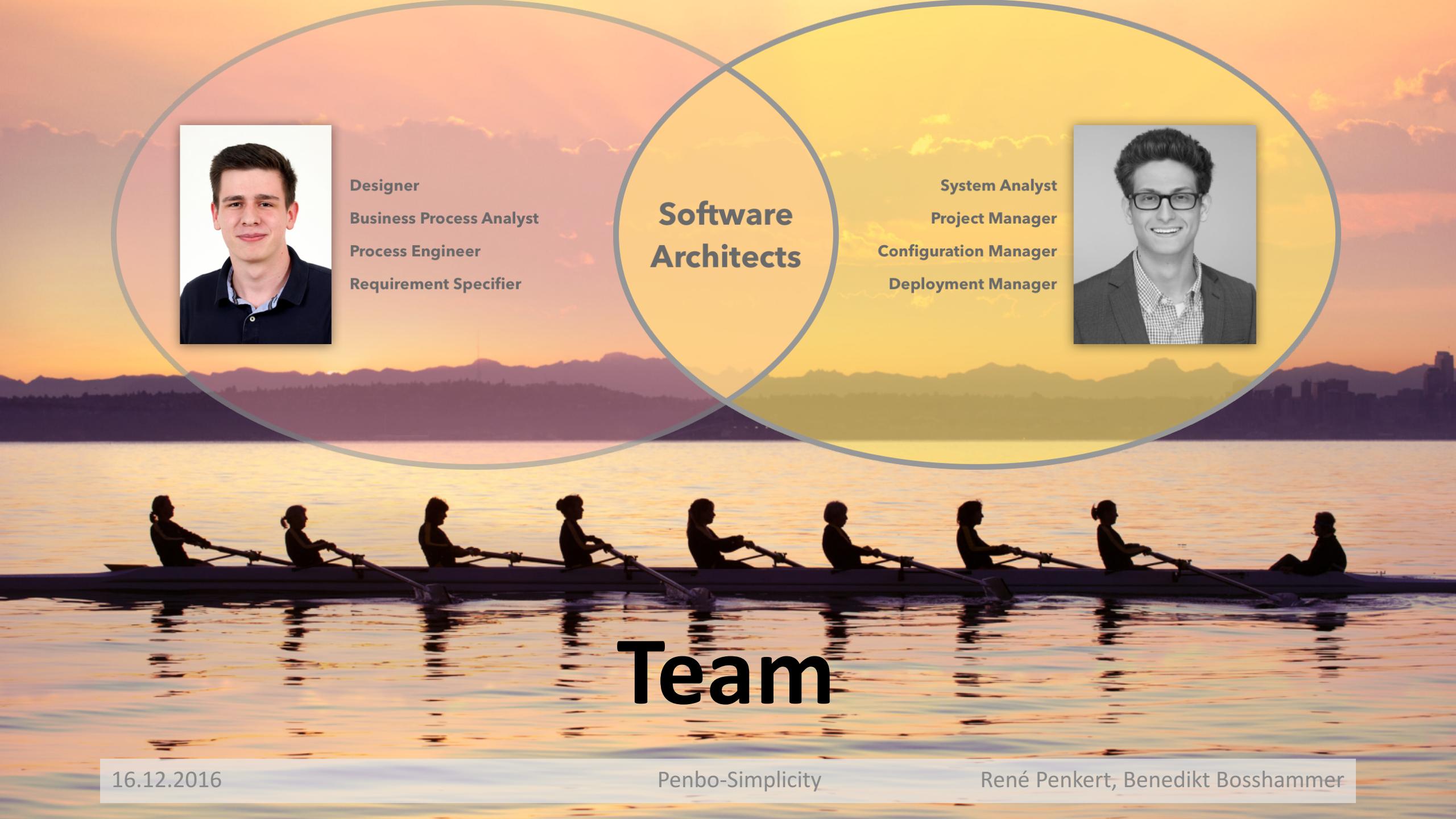
Team Promotion Alarm Clock

Penbo Simplicity

A photograph of a wooden desk setup. On the left, a white ceramic mug filled with dark coffee sits on a matching saucer. Next to it is an open notebook with a black pen resting on its pages. A black smartphone lies diagonally across the desk. In the background, a portion of a yellow calendar is visible.

Agenda

- Approach
- Project Management
- Technical
- Architecture
- Testing
- Demo



Software Architects



Designer
Business Process Analyst
Process Engineer
Requirement Specifier



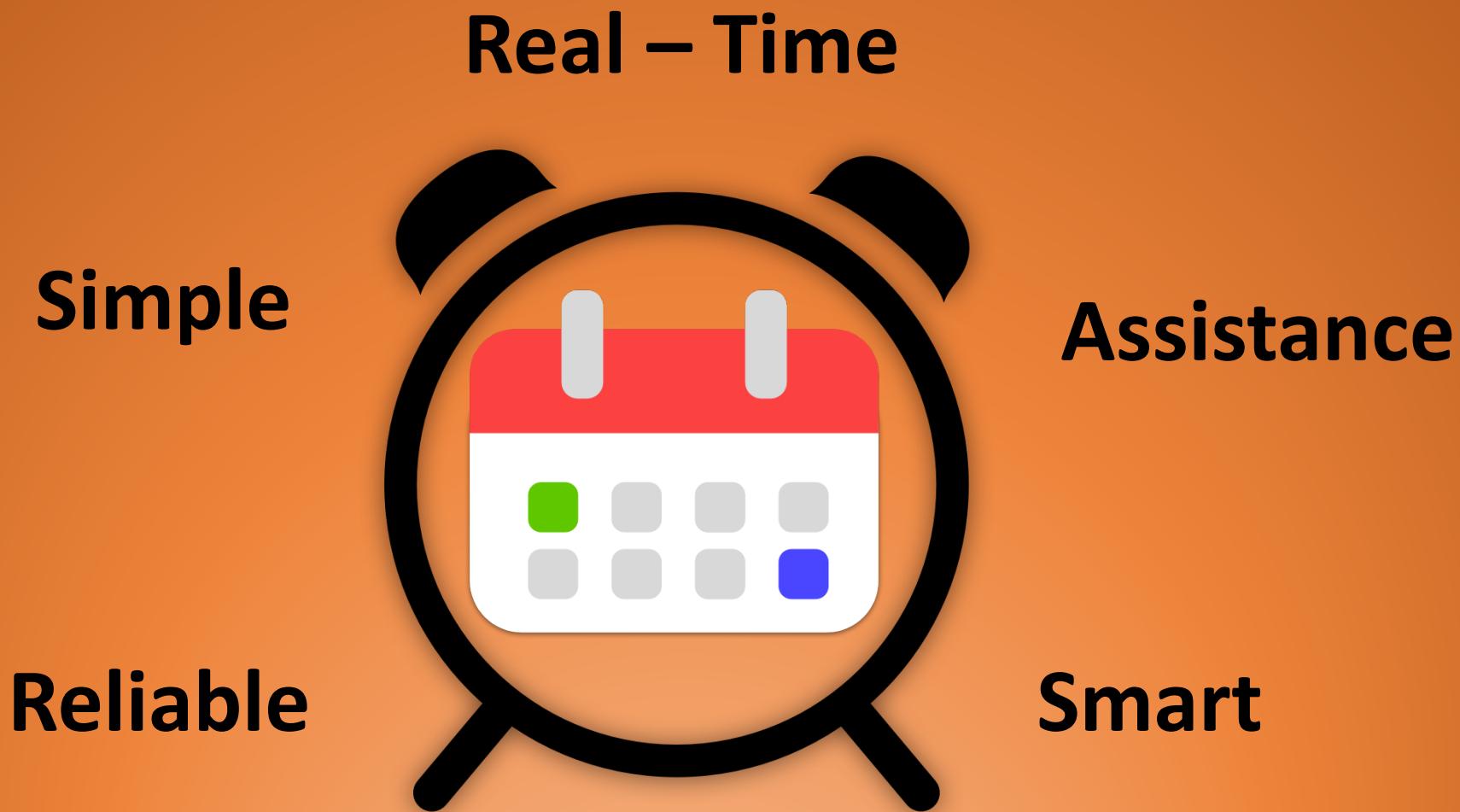
System Analyst
Project Manager
Configuration Manager
Deployment Manager

Team

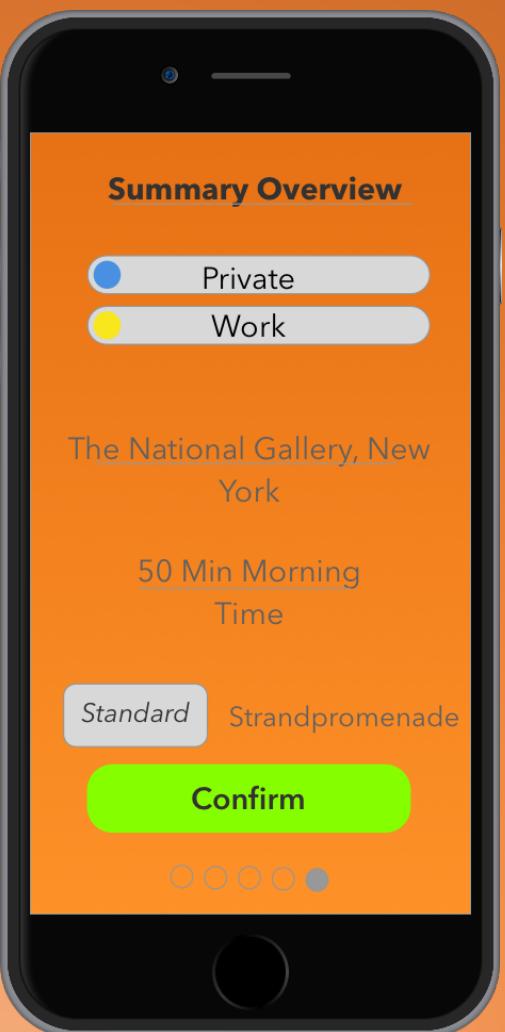
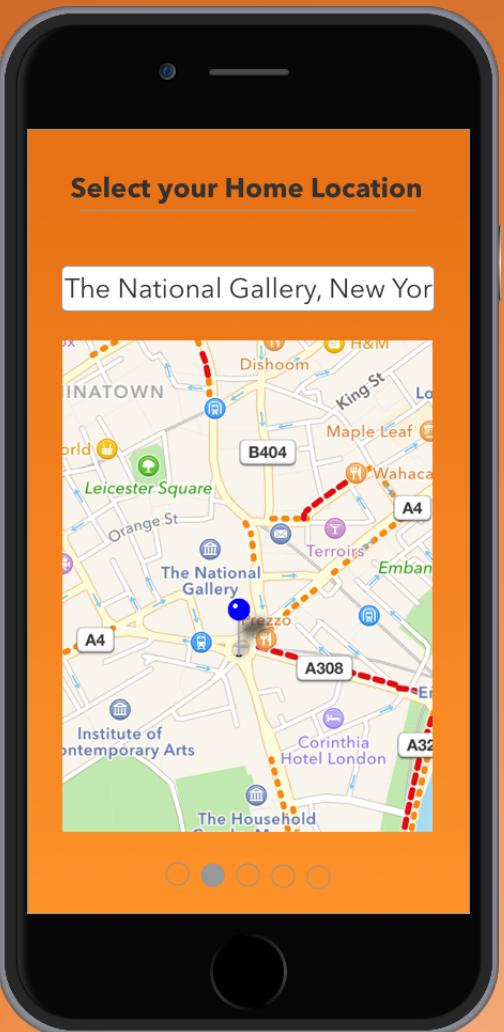
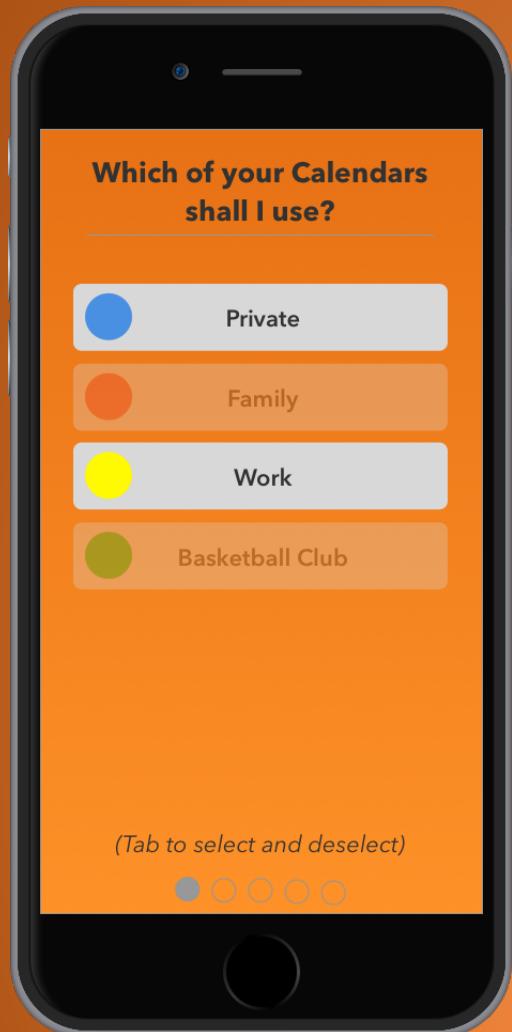
Approach



Approach - Vision



Approach – Mock Ups

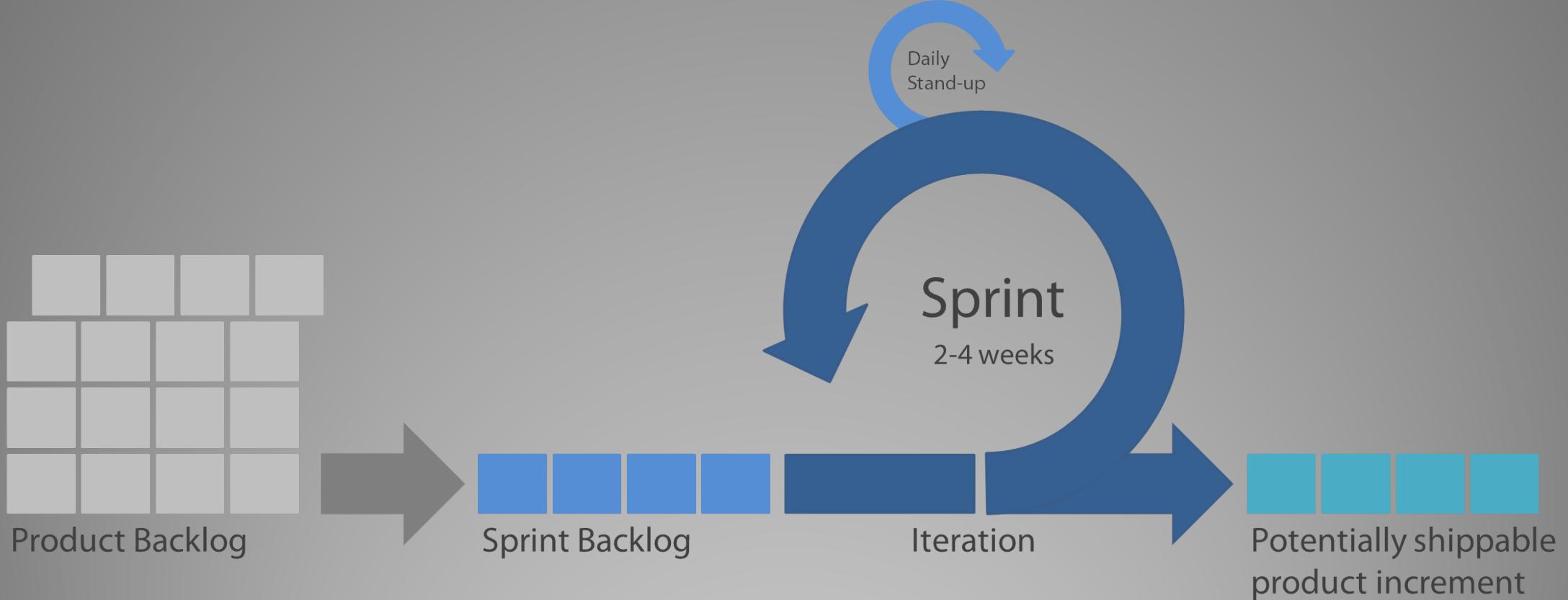


A photograph showing two people's hands and arms over a table covered with architectural blueprints. One person's hand points to a specific part of a grid on the paper. There are pens and a calculator on the table. The background is a plain, light-colored wall.

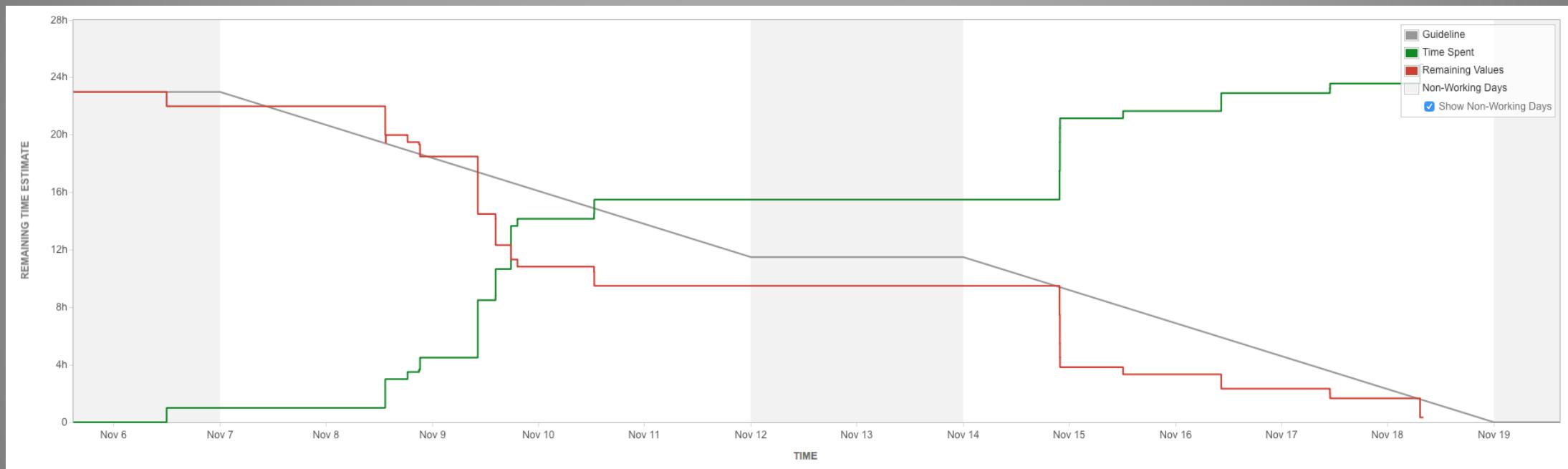
Project Management

Project Management – Methodology

Why not Waterfall?

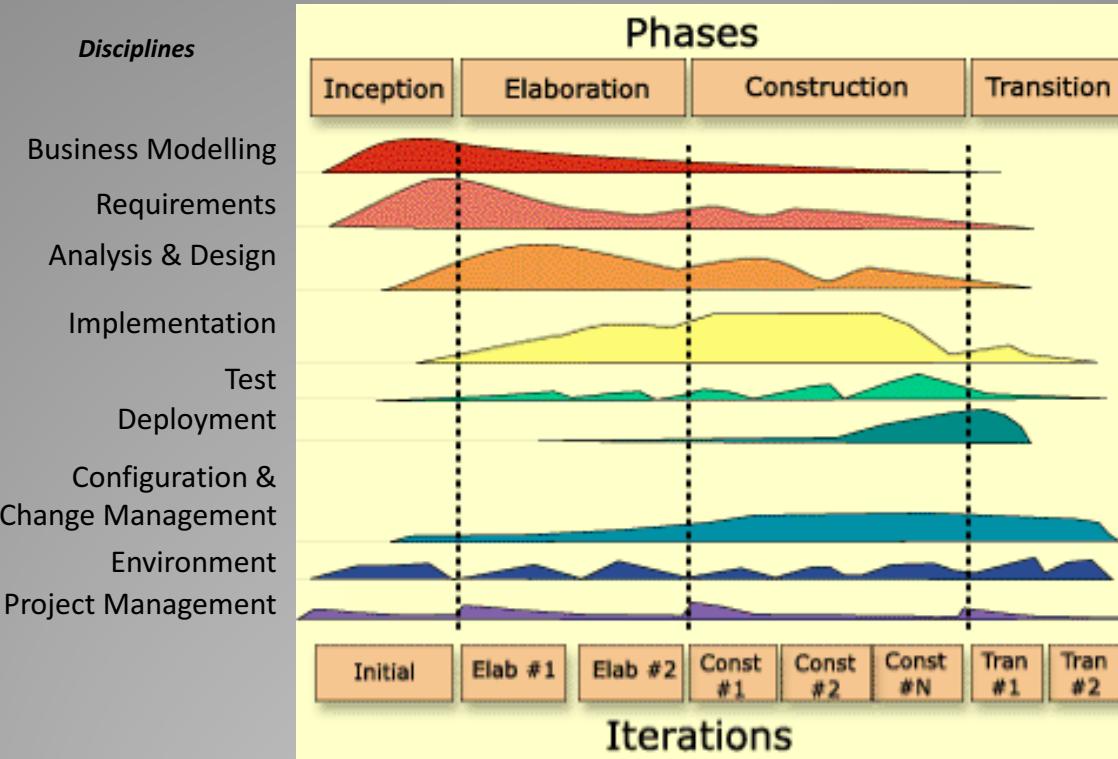


Project Management – Scrum Tool

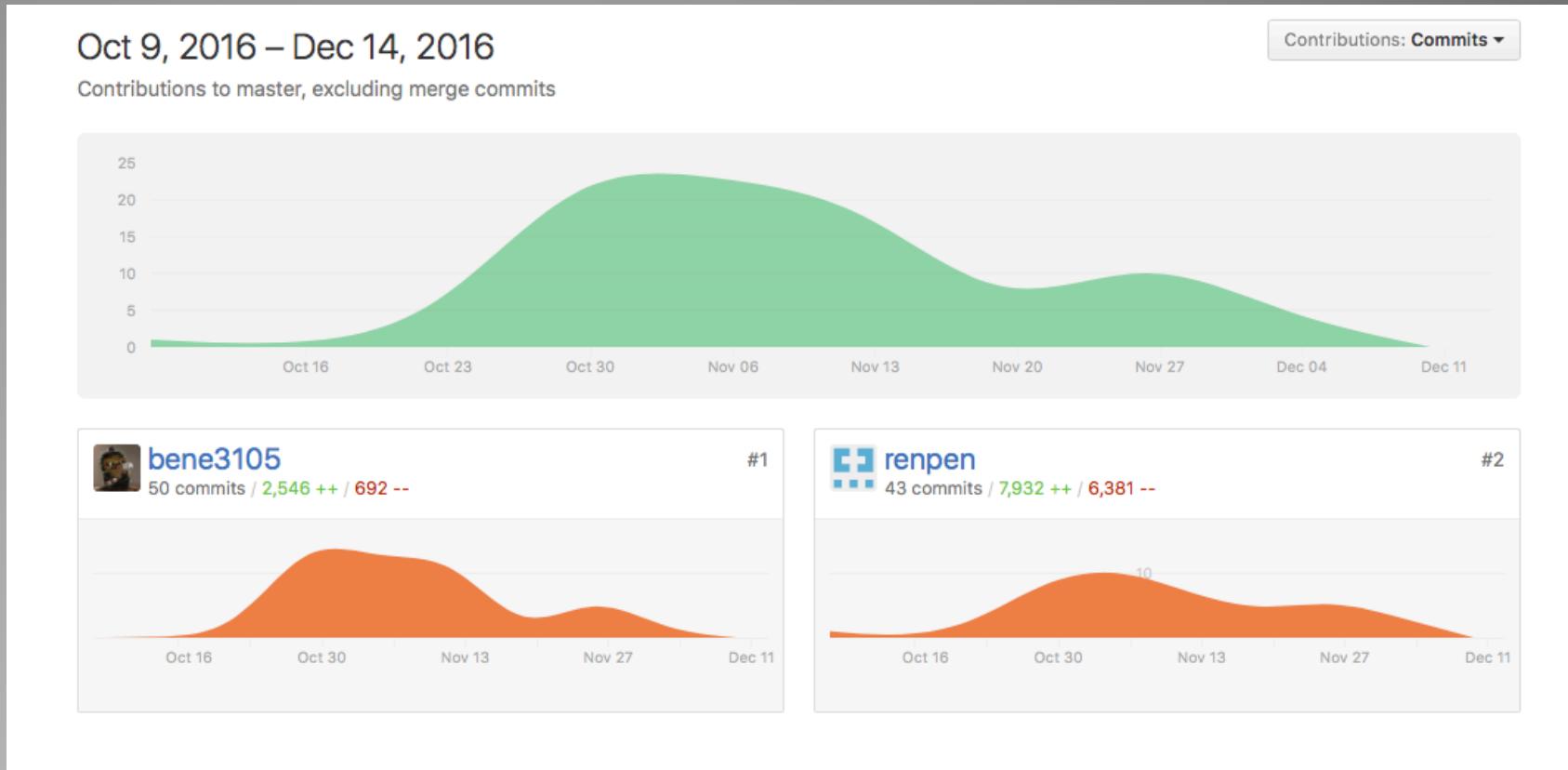


Project Management – Rational Unified Process

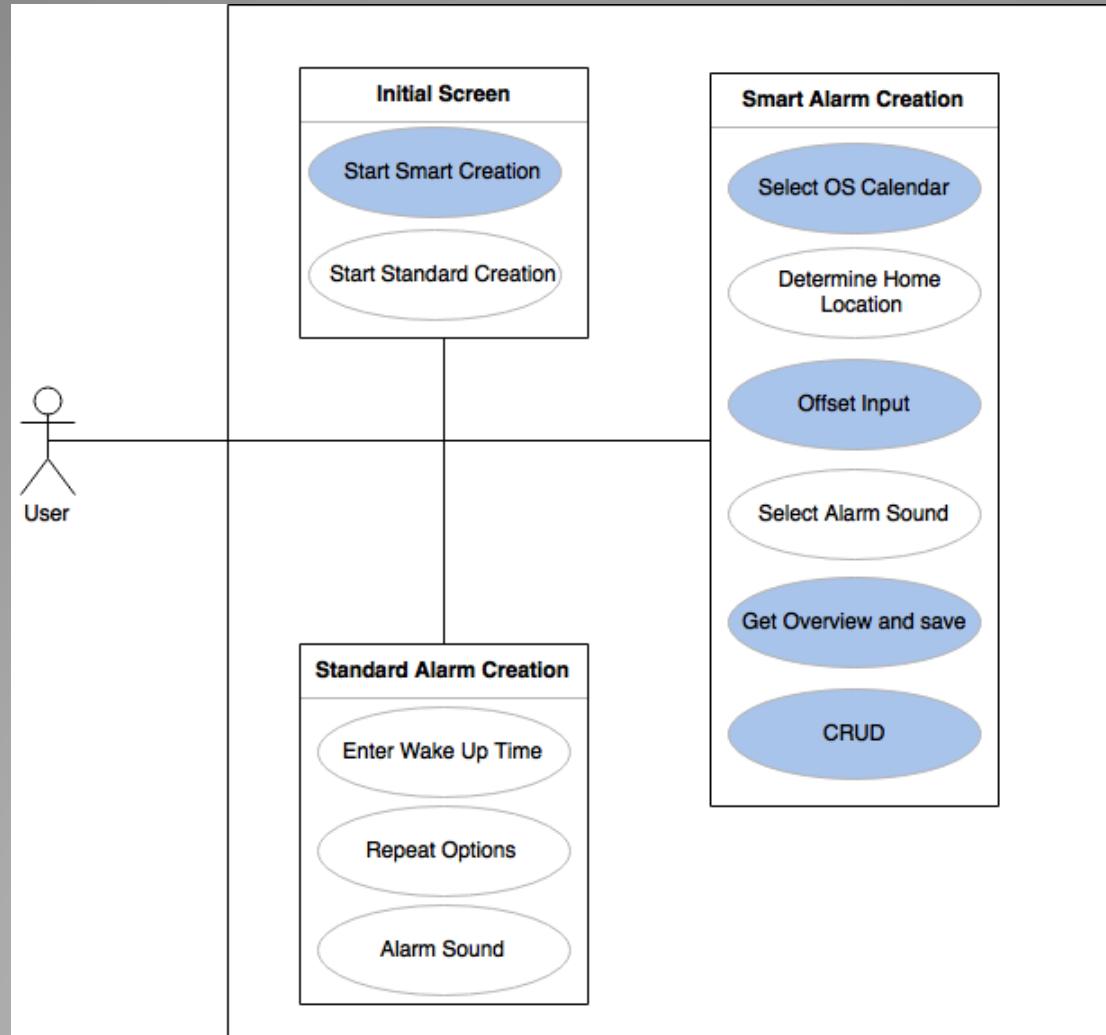
Long Term Planning



Project Management – Version Control



Project Management – Overall Use Case Diagram



Technical Environment

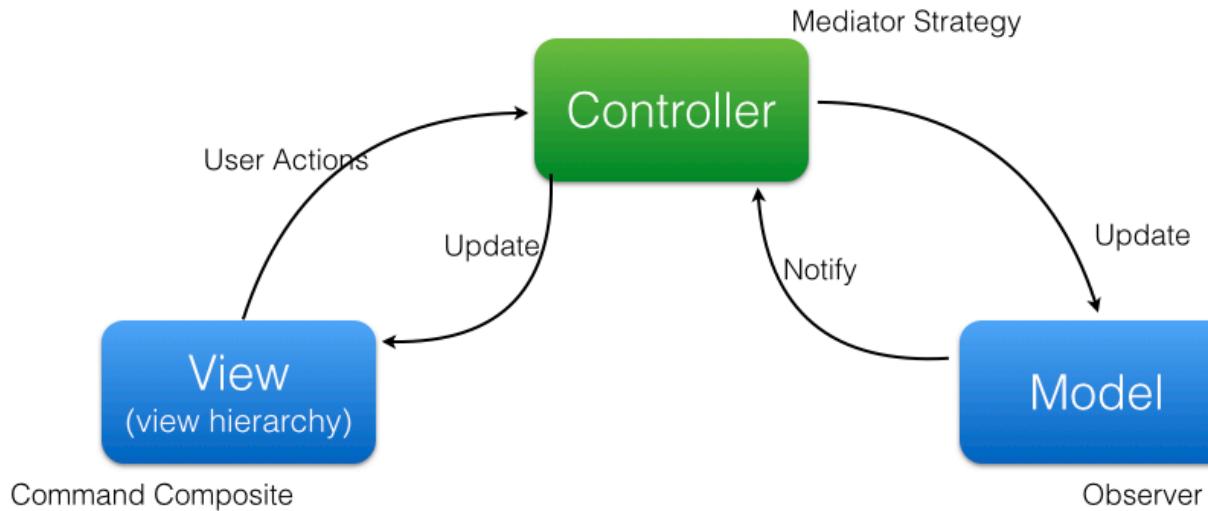
Technical Environment – iOS



Swift

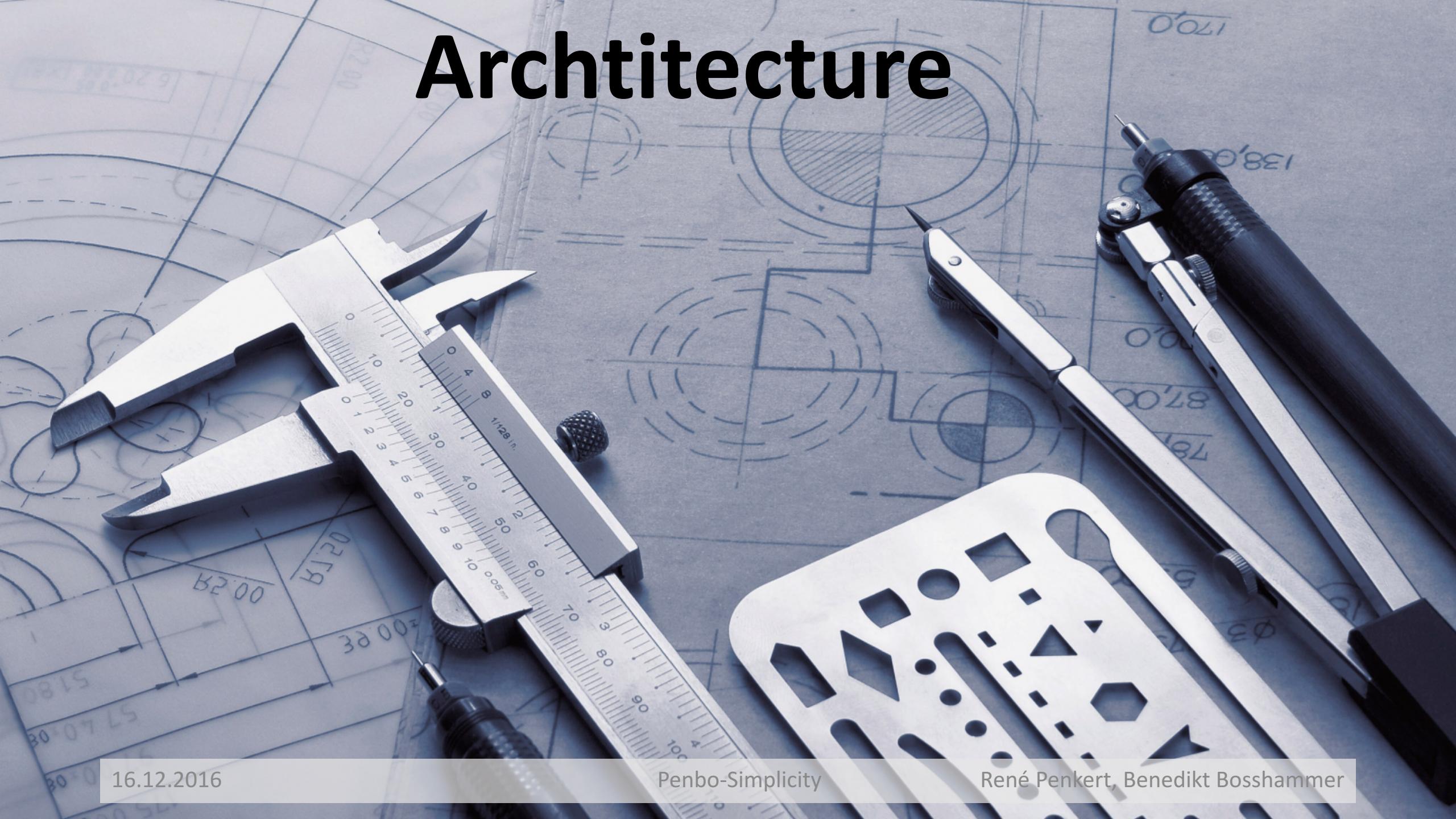
Technical Environment – MVC in Context of Swift

Cocoa Version of MVC Design Pattern

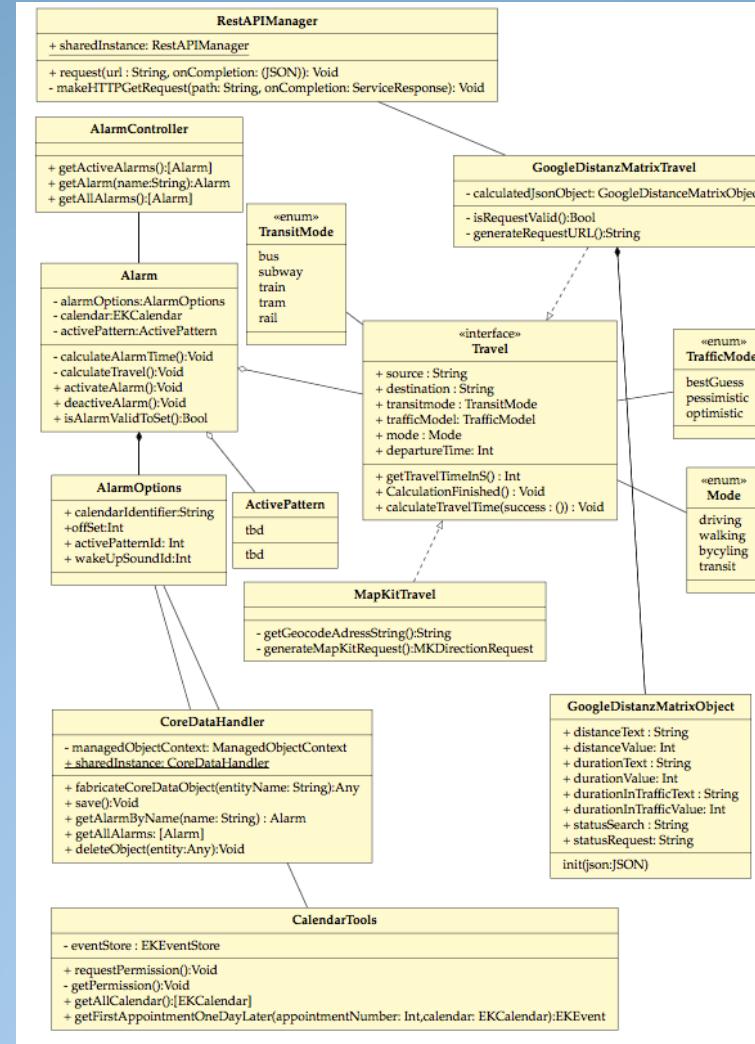


Note: There is no direct communication
between Model and View

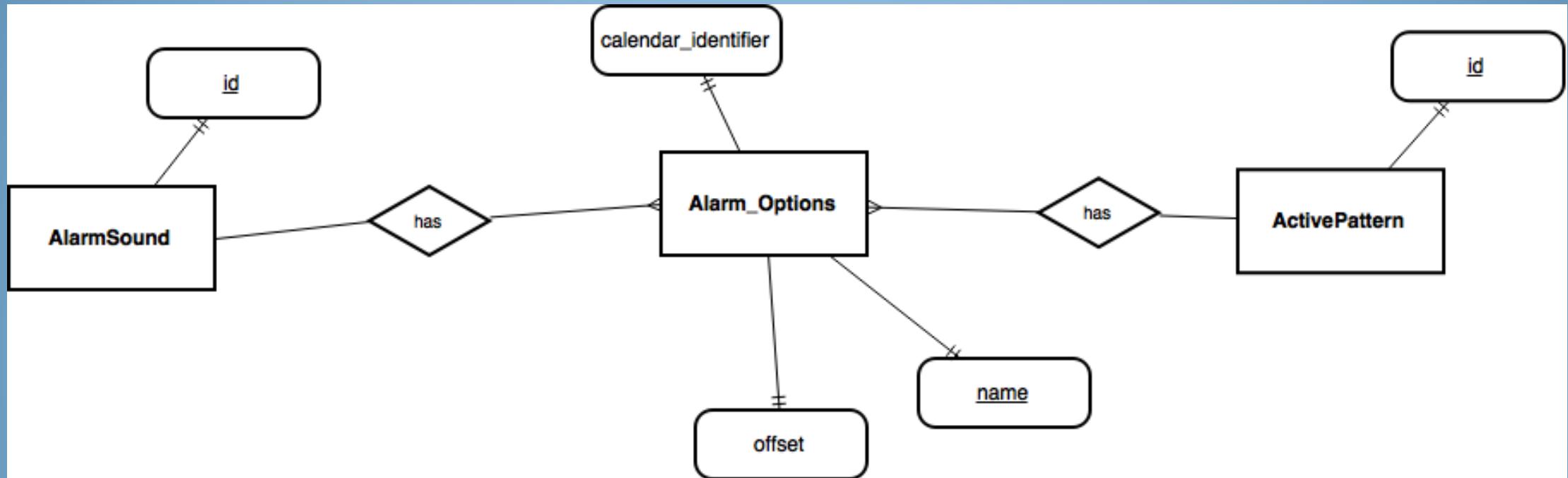
Architecture



Architecture – Class Diagram



Architecture – Entity Relationship Model



Testing Infrastructure

16.12.2016

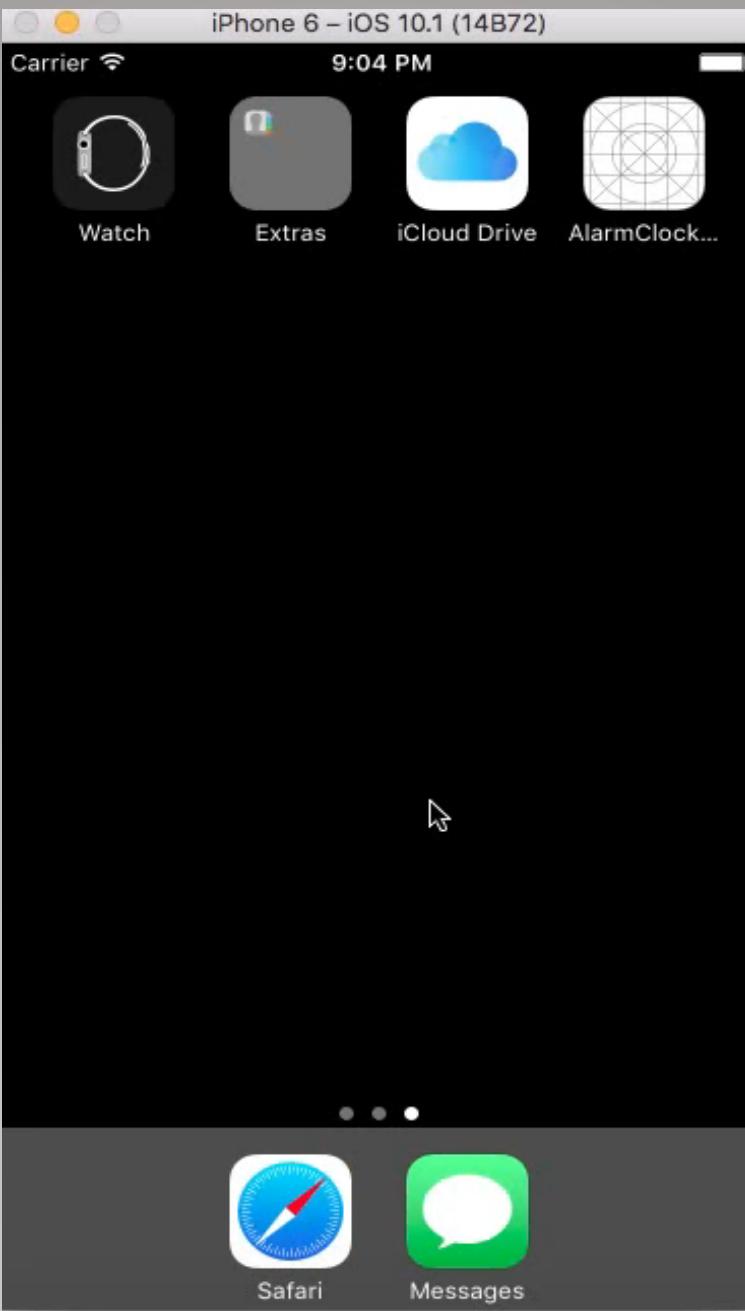
Penbo-Simplicity

René Penkert, Benedikt Bosshammer



Testing Infrastructure – Xcode UI Testing





Demo



Questions

How
much info
can you
Process?