Authors: Yevgeniya Chekh, Jan Kohout, David Löffler, Kryštof Sýkora, Marek Szeles, Ho Minh Thanh, Miroslav Rudišin

Project CASA: Project Plan

Last update: May 3 2017

Contents

1. Project information

Project CASA is part of a larger ongoing academic project, information on it can be found here:
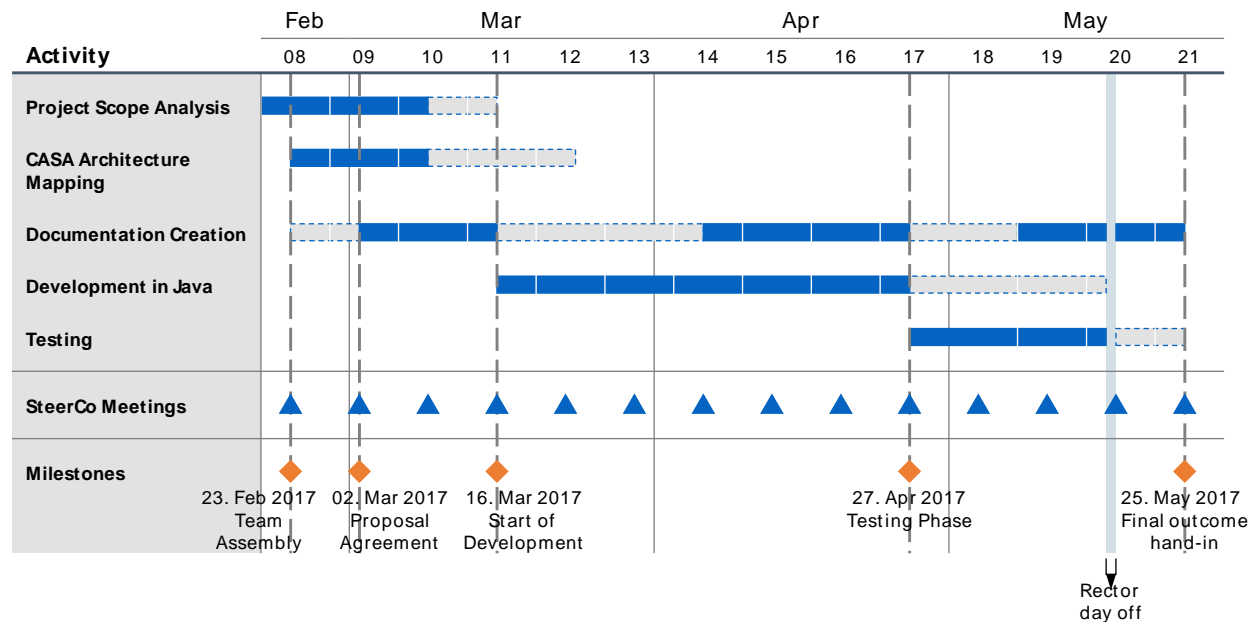**Quality Assurance and testing methodology for IoT**

Since the main deliverable of the project is having working code at the end, we have opted for agile project management, which means less strict rotation of project roles with more iterations between shorter development phases.

The main use case is to recreate the original CASA program 1 to 1 in relation to structure. Some parts of the program, namely the "sat" and "minisat" packages might be online in Java already, which will save time.
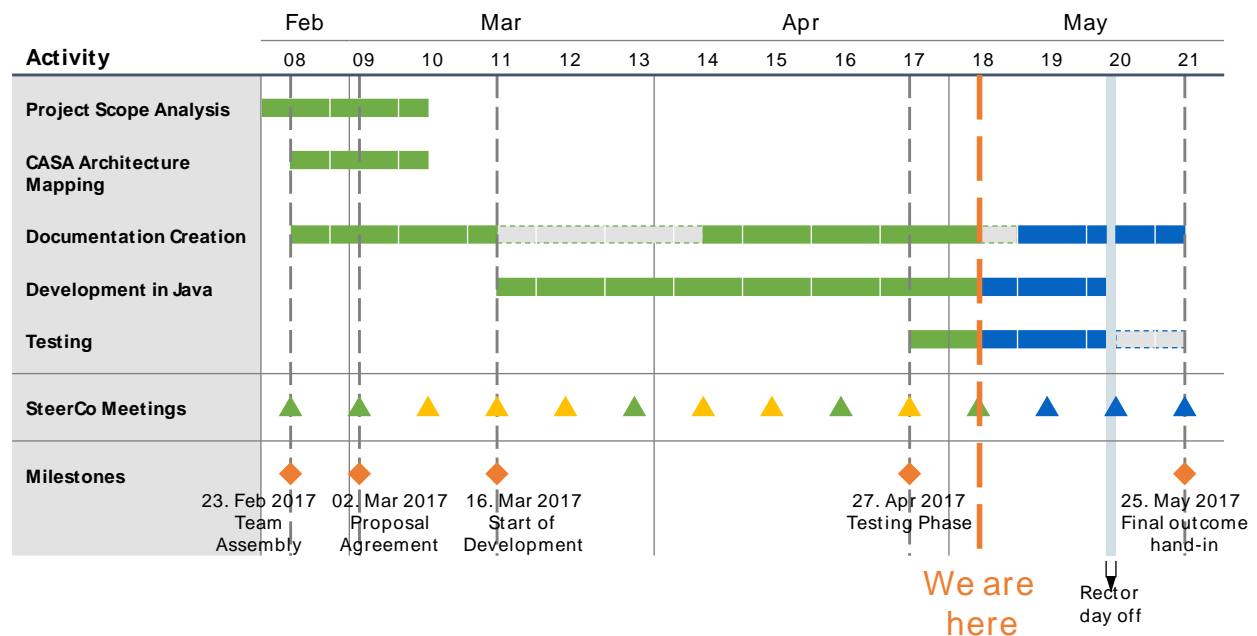
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2. Overall project

A. Baseline – Initial project schedule

B. Current status

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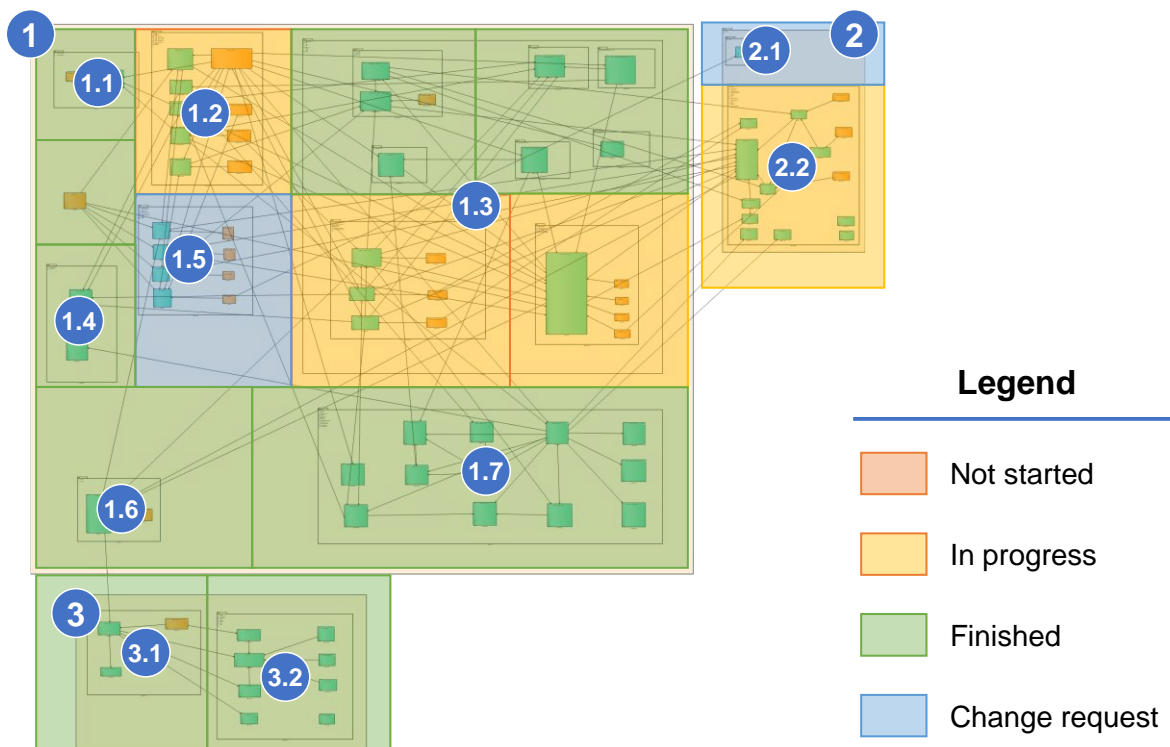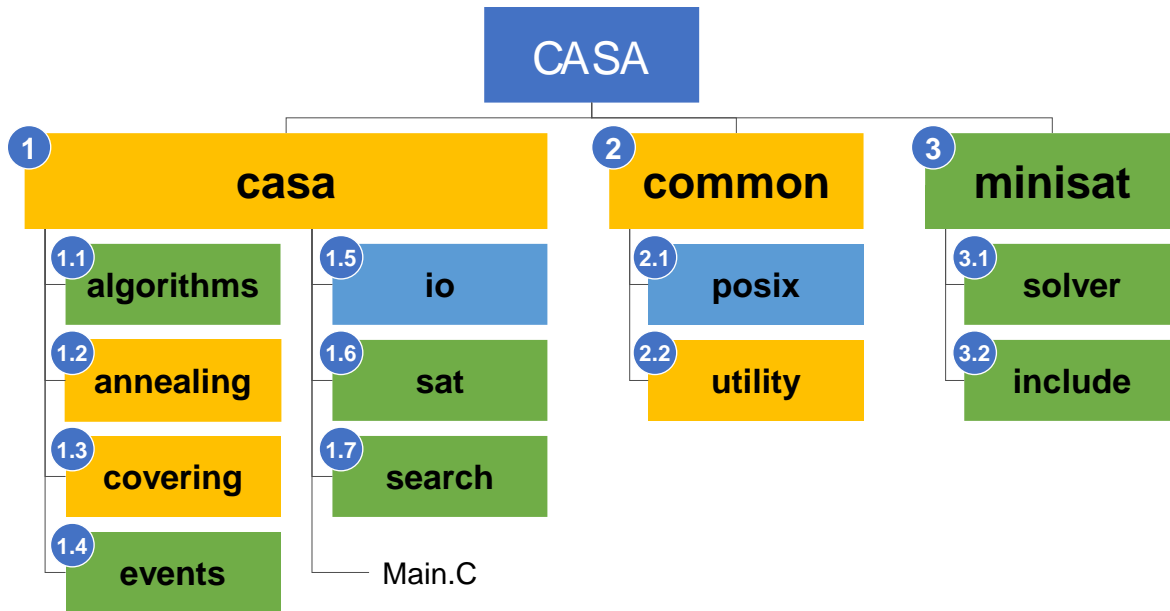
3. Development plan

A. Baseline – Initial development plan

Týden → / Modul ↓	5	6	7	8	9	10	11	12	13	14	Responsible
Search	██										Miroslav Rudišin
Space						SAT needed					
State			██								
Utility	██	██									Jan Kohout
posix				██							
Cost		██									
Filter				Annealing							
Heuristic				██							
Report		██									
Goal			██								
IO						SAT needed					
Bookkeeping				██	██						
Events	██	██									David Löffler
sat/minisat -------------											
Annealing -----------											

B. Current status

Week → / Module ↓	5	6	7	8	9	10	11	12	13	14	Responsible
Search	██	██									Miroslav Rudišin
Space						SAT needed	██				David Löffler, Jan Kohout
State			██	██	██						Miroslav Rudišin, Kryštof Sýkora, David Löffler
Utility	██	██	██	overdue							Jan Kohout, David Löffler, Miroslav Rudišin
posix	██								██		David Löffler, Miroslav Rudišin
Cost		██									David Löffler, Miroslav Rudišin
Filter					Annealing						David Löffler
Heuristic				██							David Löffler
Report			██	██							Yevgeniya Chekh
Goal				██							David Löffler
IO									SAT needed ██		ChR by David Löffler
Bookkeeping					██	██					Yevgeniya Chekh, David Löffler
Events	██	██									David Löffler
sat/minisat						██					David Löffler
Annealing						Can be replaced	██	██	██	██	David Löffler
Binary search						██					Jan Kohout

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4. Testing plan

A. Baseline

There was no specific covering plan set

B. Current status

Legend

- Not started
- In progress
- Finished
- Change request