

Roadmap

Fabian Gubler

February 2022

Workload

Work week with 4 days seems most appropriate.

- 12 credits amounts to 360 hours (about 40 Days).
- With 4 days per week, the workload will be reached in approximately 10 weeks.
- This is desirable, as it leaves me with a 2 week time buffer.

Part 1: Overview

Understanding the theoretical framework of refactoring and design patterns. At the same time, get an overview of the code and relevant technologies (e.g. flask).

- **Duration:** 2 Weeks
- **Schedule:** 1 - 3 Days in St. Gallen (depends on recommendation of Mr. Seiger)
- **Deliverables:** Formulation of Hypotheses, Basic understanding of Codebase

Part 2: Coding

This is the main part of the thesis. Code refactoring based on theoretical framework. Noting down whether hypotheses are validated and documenting the results.

- **Duration:** 6 Weeks
- **Schedule:** 3 Days in St. Gallen (preferably the entire day), 1 Day for research, tasks and writing process
- **Deliverables:** Refactored codebase, (Extensive) Documentation of results in the form of bullet points.

Part 3: Writing Process

Formulation of notes into a first draft, which will then be revised and improved upon.

- **Duration:** 2 Weeks
- **Schedule:** Entirely remote
- **Deliverables:** Final Paper