Master Thesis Proposal

My Thesis' Title

by

John Doe

Time frame: January 2020 - July 2020

Supervisor
Prof. Dr. Tilmann Rabl

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1 Motivation

Description of the scientific context (including the classification in the literature, projects, ...) and of the concrete embedding.

2 Goal of Thesis

Description of the concrete problems addressed as the goals of the thesis, planned/expected results, reference to other thesis, paper, etc., if any.

3 Approach

Methodological and conceptual approach of the thesis and ideas/plans of implementation.

4 Related Work

Description of related work in literature or other projects (theses, master projects, etc.).

5   Project Plan

Sketch of a time line for the thesis with major milestones, e.g.

Time	Writing/Research	Prototype
Apr - May	– Windowing – Stream slicing – Aggregate sharing	– Get Scotty up and running – First concept of distributed windows – Distributive aggregate functions (e.g. `count`)
May - Sep	– Distributed slices – Distributed sharing – Processing semantics	– Different window types – Aggregate sharing – Algebraic and holistic functions (e.g. average, median)
Aug - Oct	– Evaluation	– Implement alternatives

Table 1: Planned Time Table

Signed by:

Supervisor: _____ Date: _____

Student: _____ Date: _____

References