

University of Macau
Faculty of Science and Technology



澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

Proposal Bachelor/Master Thesis

My Thesis' Title

John Doe

Time frame: January 2020 - July 2020

Supervisor

Prof. Dr. Tilmann Rabl

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	<ul style="list-style-type: none">– Windowing– Stream slicing– Aggregate sharing	<ul style="list-style-type: none">– Get Scotty up and running– First concept of distributed windows– Distributive aggregate functions (e.g. <code>count</code>)
May - Sep	<ul style="list-style-type: none">– Distributed slices– Distributed sharing– Processing semantics	<ul style="list-style-type: none">– Different window types– Aggregate sharing– Algebraic and holistic functions (e.g. average, median)
Aug - Oct	<ul style="list-style-type: none">– Evaluation	<ul style="list-style-type: none">– Implement alternatives

Table 1: Planned Time Table

Signed by:

Supervisor: _____ Date: _____

Student: _____ Date: _____

References