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Study programme: Computer and information science, MAG
Enrollment number: 63130345

**Committee for Student Affairs**
Univerza v Ljubljani, Fakulteta za računalništvo in informatiko
Večna pot 113, 1000 Ljubljana

# The master's thesis topic proposal
## Candidate: Marko Prelevikj

I, Marko Prelevikj, a student of the 2nd cycle study programme at the Faculty of computer and information science, am submitting a thesis topic proposal to be considered by the Committee for Student Affairs with the following title:

Slovenian: **Vodenje projektov na podlagi analize podatkov**
English: **Data Driven Project Management**

This topic was already approved last year: **NO**

I declare that the mentor listed below have approved the submission of the thesis topic proposal described in the remainder of this document.

I would like to write the thesis in English with the following reason: I am a foreigner and more experienced with writing in English.

I propose the following mentor:

> Jure Demšar, doc. dr.
> University of Ljubljana,
> Faculty of Computer and Information Science
> jure.demsar@fri.uni-lj.si

Ljubljana, 7. november 2019.

# Proposal of the masters thesis topic

# 1    The narrow field of the thesis topic

English: e.g. computer science, computer architecture

# 2    Key-words

English:

# 3    Detailed thesis proposal

**Past approvements of the proposed thesis topic:**
The proposed thesis has not been submitted nor approved in previous years.

## 3.1    Introduction and problem formulation

Guideline (delete from the final version): Explain the problem which you plan to tackle and motivate your work. In motivation, relate to the literature and unsolved problems that your thesis will address. Position your work within the narrow field of research. The text should be approximately 800 characters long, including spaces.

## 3.2    Related work

Guideline (delete from the final version): Prepare an overview of the related work that is directly related to your problem. Describe the main highlights of each related work in a few sentences. Point out pros and drawbacks. Reference the works listed in the References section. The related work should be focused and approximately half of A4 page long.

## 3.3    Expected contributions

Guideline (delete from the final version): Describe the expected contributions of your masters thesis in the field of computer science. The contributions can be either scientific

or technical. Describe the novelties of your contribution in relation to the related work and state-of-the-art (scientific or technical-wise). The description should be approximately 500 characters long, including spaces.

## 3.4   Methodology

Guideline (delete from the final version): Briefly describe the methodology that you intend to apply in your work. This section should describe the methods you intend to use (e.g., the framework used for development, theoretical frameworks), methods that will be applied for analysis and evaluation of your approach, and comparison with the most related works. The description should be approximately 500 characters long, including spaces.

## 3.5   References

Guideline (delete from the final version): List all the references that you cite in the proposal. Use the scientific standard of citing, e.g., [1]. The list should contain at least a few works published in the recent years. Preferably, the references should include publications from conferences, journals or other well-accepted sources in your field.

[1] Z. Živkovič, F. van der Heijden, Recursive unsupervised learning of finite mixture models, IEEE Trans. Pattern Anal. Mach. Intell. 26 (5) (2004) 651 – 656.