**Project (Research) Proposal**

Master’s Thesis (1st year)

Software and System Engineering Programme

School of Software Engineering / FCS

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**Student ID – М191МСПИН019**

**Title: Reference and Data Semantic-Based Simulator of Petri Nets Extension with the Use of Renew Tool**

Изображение выглядит как объект

Автоматически созданное описание

Supervisor: Sergey Shershakov  
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**Moscow, 2020**

# Abstract

Mention all of main points you’ll be looking at; follow recommendations that were given in ‘Research seminar’ classes (essential parts of the Abstract must be present, viz. *Background*, *Purpose* (*Aim(s)*), *Approach (Methods)*, *Conclusion (Expected Findings/Results* can be mentioned aswell)) – Times New Roman or similar font is used, 12 points, single spaced.

Abstarct is formed as a single paragraph text.

**Key Words:** Give about 5-7 keywords that allow to characterize (position) your project (research) easily – try to choose those keywords that will make others interested in the contents of the study (proposal); do not write straight away the words (phrases) that suddenly pop up in your mind! Experiment, for example, with Keyword Tool / <https://keywordtool.io/> or similar services.

Separate your keywords (phrases) with a semicolon ;

Times New Roman or similar font is used, 12 points, single spacеd.

The length of the Abstract section together with a list of keywords (one empty line separates them as shown above) is appr. 250-350 words (0.6 – 0.9 page) – please, refer to services to convert specified number of words to appr. number of pages – e.g. <https://wordcounter.net/words-per-page>.

The text is aligned at both sides of the page (the same requirement is valid for all following sections of the document).

# Table of Contents

Abstract ……………………………………. page 2

Introduction ……………………………………. page 4

Thesis (Research) Statement ……………………………………. page X

Methodology (Approach / Methods) ……………………………………. page X

Preliminary (Expected) Results and Discussion ……………………. page X

Work Plan (as seen in December-January 2020) ……………………. page X

Implications of the Research (Project’s Work) ……………………. page X

Bibliography (References) ……………………………………. page X

# Introduction

This section provides the context for the proposed project (research), explains the background of the research work (from a broad sight down to more narrow one; personal motivation must be mentioned as well). The length of the Introduction section is about 1 to 2 pages – if more, do not exceed 2.5 pages under any circumstances!).

The Introduction section must provide a solid base for a reader to undestand the background of the proposed project.

The indent of the first line of each paragraph is 4 blanks (consider ‘Tab’ to be 4 blanks).

Each section in the document starts with a new page!

The titles of document’s sections as they are shown now must not be altered!

# Thesis (Research) Statement

The material in (contents of) this section should flow naturally from what is described in the previous section. Be precise and convincing – the size of the section must be up to 0.5 page long; the statement must be absolutely coherent, all necessary details, despite the rather limited length of the section, should be presented in an unambiguous manner… Think about it carefully – now it is a right time to formulate your project’s statement.

Details were discussed during regular hours of the Research seminar.

# Methodology (Approach / Methods)

The material in (contents of) this section contains the overall description of approach(-es), methods, procedures, etc. that you are planning to use in the project (research study). The size of the section is between 1 and 2 pages long. All views (statements, explanations) should be clear and convincing.

# Preliminary (Expected) Results and Discussion

Details were discussed during regular hours of the Research seminar. The presentation of ideas must be concise. Thus, try to keep this section short (appr. 200-300 words) – in any case, if a detailed explanation is required (this is not prohibited, feel free to provide all relevant details, the ones “in essense”), you can't be beyond 1 (one) page.

# Work Plan (as seen in December-January 2020)

Gantt diagram (chart) is the handiest form (<https://www.gantt.com/>) of presentation of the planned works’ stages in the project (research). In addition, it is possible to give a brief explanation (comments) of the individual aspects presented in this section.

# Implications of the Research (Project’s Work)

Say about new knowledge, what is worth knowing with regard to the work to be done... The size of the section is expected to be about 0.5 - 0.6 page long.

# Bibliography (References)

List all sources (papers, articles, books, journals, documents, reliable Internet-sources, professional resources, training materials (of conferences, master-classes, etc.), …) in the alphabetical order. Use either APA or IEEE citation styles (depends solely on your preferences).

Make sure that all references are properly formatted, and they are all used in the text (aforesaid sections) of the proposal (no "dangling" references)…

Indents of lines are not used.

Please, don't forget that everything highlighted within the template in yellow color should disappear in the final version of the document and be replaced with the real text.

The mandatory font color (of the text) is black.