

ABSTRACT

The structure and volume of the thesis. Concept note of the graduation project (diploma project) consists of five sections, contains 79 pages, 20 figures, 5 tables, 1 appendix, 32 sources.

The diploma project is dedicated to the development of a toolkit for the assessment of tests technical quality. This software application is intended to improve the overall tests quality due to the assessment of tests technical quality during their creation.

The infoware section describes all input and output data, used database structure and the structure of saved information.

The mathware section is devoted to the text corpus vectorization problem. The solution of this problem is crucial, as it provides the basis for solving all other problems faced within the diploma project.

The software section describes the development tools of a toolkit, the technical support requirements. The software architecture is also described and proved to be adequate in this section.

The technological section provides the user manual and describes the semantic testing method used for toolkit testing.

TEST ITEMS TECHNICAL QUALITY, TEST ITEMS COGNITIVE COMPLEXITY, TEXT VECTORIZATION, SKIP-GRAM, GLOVE.

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