

## **ABSTRACT**

Diploma project dedicated to the development of the complex tasks of pulling text from news sites Ukrainian Internet publications, and finding them keywords. In the thesis project has developed a web service for visualization of the results.

In the information provision by incoming and outgoing data that describes the structure of the database.

Section of software dedicated allocation trends in modeling buildings texts and topics.

The software includes sequence diagrams, class, deployment, data functions. Also describes the development tools and view analytical reports, complexity of questions of reliability tests and others.

In technological section provides an user manual, a description of complex testing tasks.

TRNEDS, CHARTS, TOPIC MODELLING, SERVICE, WEB-APPLICATION, FREQUENCY ASSESSMENT, DESIGN