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**WEB APPLICATION FOR PROCESSING A BIGDATA OF INSURANCE
COMPANIES**

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The modern information age increasingly requires a new approach to business tasks, including process automation, the use of artificial intelligence and the organization of data storage. This is critical for insurance companies that have million clients, cars, their documents, insurance cases, insurance policies. It is very important to control the integrity of data in such companies, since each

document is very important. Now for such critical tasks are using not only the usual file system, but

also cloud storage and document-oriented databases like CouchDB, Couchbase, MarkLogic, MongoDB, eXist, Berkeley DB, etc. MongoDB, unlike relational databases, stores its data in structured documents rather than the fixed tables required in relational databases. [1].

It should be noted that by one installation of the MongoDB all problems will not be resolved, since there are appears questions of how to write document into a collection safely and synchronously;

how to read, sort and count documents in a collection; how to organize file attributes for performing

high-speed search and to avoid appearing of duplicates. MongoDB's Snapshot Mode guarantees that

documents which are modified during the lifetime of a query are returned only once in a result set. In

other words, duplicates are eliminated. [2] In addition, we must take into account all the nuances of

working with the chosen technology, for example MongoDB keeps track of all of the connections

you've ever made and, if one goes down, will complain incessantly about it until you bring the server

back up or restart the shell. Even undefining the connection doesn't reset this [3]. Given the above

things, it can be started working out a full-fledged tool for working with a BigData.

This work is devoted to the development of a web application for processing a large amount of information for insurance companies. A web application has been created on Yii2 that integrates with

MySQL, MongoDB, Asterisk, Janus. As a result of research and implementation of a web application

in two insurance agencies, it turned out that using MongoDB as a file server is more efficient, safer

and faster than regular file systems, and with this web application productivity of this insurance agencies was increased significantly.

REFERENCES

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3. O'Higgins, Niall. MongoDB and Python: Patterns and Processes for the Popular Document-Oriented Database. Sebastopol, CA: O'Reilly Media, Inc., 2011. P. 47.