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Annotation of the research paper

«Design and implementation of the application for creating custom products»

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The thesis contains: 38 pages, 13 illustrations, 1 application, 6 used sources.

Keywords: DYNAMIC, USER, INTERFACE, BUSINESS, PRODUCT, DOMAIN, MODEL, CLOUD, WEB.

The object of research is the ability to dynamically create expandable custom products.

The aim is to provide opportunities for creating and modifying products to solve specific business problems.

To achieve this goal have been used:
- Technologies: *Java, Groovy, MongoDB, Spring, AngularJs, jQuery, Apache Tomcat, Maven,*
- Agile methodology - *Scrum*,
- Machinery software development - *TDD*.

In the thesis were got the following results:
1) Described and designed the system,
2) Implemented the client side,
3) Implemented the server side.

The novelty of the results is the ability to add logic and behavior to graphical components, as well as linking them to the domain model.

Validity and reliability of the results is due to the strict observance of all the techniques of software development and proven in practice.

Diploma work performed by the author *alone*.