

ABSTRACT

Graduate work contains 91 pages, 4 tables, 8 figures, 29 citations and 2 additions.

The objective of this work is to develop a decision support system to evaluate the budget of fixed price projects with a flexible design. This work analyzes the integration methods problems for flexible methodology in fixed price projects and created software for evaluating such projects.

The result:

- Asked to address issues of integration methods for agile development fixed price projects;
- Designed software that implements the decision support system for the evaluation of such projects.

The novelty of the work: DSS proposed budget for the evaluation of projects.

The results of this study should be used when necessary to efficiently, accurately and reasonably evaluate IT project of this type. In further research we can consider other types of contracts and other development methodology.

AGILE, FIXED PRICE, PRE SALES, ESTIMATING, DSS.