

Upgrades of accounting software for different industries. Two case studies.

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Abstract.

Recently companies started using holistic software tools for running their business. The tools used are updates of usual accounting software including the business processes typical for the corresponding business areas. In this article, two such cases are considered – software tools for building industry and recovery residencies management.

Keywords: software; building industries; recovery residencies

1. Introduction.

Recently companies started using holistic software tools for running their business. The tools used are updates of usual accounting software including the business processes typical for the corresponding business areas. In this article, two such cases are considered – software tools for building industry and recovery residencies management.

2. Creating software for building industry.

Building companies work in a strongly competitive environment. Using appropriate software give them possibilities to rise efficiency and cut the cost. The cloud services themselves enhance efficiency and decrease the costs even more. At the same time the use of mobile devices gives the possibility even field work teams to have a constant access to the software system.

Creating software for building industry starts with research on how building companies do their business.

The preparation includes also intelligence about the existing software tools for building company. For example, two big building software vendors are RunJob and BuildIT. It is good to make a detailed review of their features. Other cloud services for building industries also should be analysed to determine the most viable entities.

To study the satisfaction of the users of such software tools, some on-line surveys can be used. For example, the free online tool *itqlick* compares software products to meet the requirements most optimally.

A more detailed survey could be done using a cloud email marketing tool (for example, Sendy).

The review selects the best realized features of each and every software tool. For example, typical features of BuildIT are:

- CAD import/export
- automation
- GD&T (geometric dimensioning and tolerancing) evaluations
- multi-device capability
- customized reports
- real-time feedback.

Another tool, RunJobs, is web based construction project management software is simple, affordable and powerful.

3. Creating software for recovery residencies.

Recovery residencies becomes more and more popular in USA. Thousands of recovery residences houses exist organized in state and federal associations. There are different type of houses, with different pattern of stay and daily routines.

There is a need of software tools for managing recovery residencies. To create such a software, all business activities related to keeping recovery residencies should be analysed and corresponding algorithms should be created and after that implemented.

The ontology of this area could include as agents: recovery residences owners, recovery residences hosts/howsekeepers, patients, regulators, doctors/ medical personal.

4. Conclusions.

Software for building industry – cloud based and developed for mobile phones will improve considerably field work in building industry. There are already several good products for automatization of field work in building.

Software for recovery residences is a perspective market niche. Automatization of recovery residences keeping should have economic impact and also impact on patient recovery process.