

KOKKUVÕTE

Ressursside planeerimise tarkvara juurutuse eesmärgiks oli ettevõtte OÜ Equa kasumilikkuse ning töötajate lisandväärtuse tõstmine. Antud töös uuriti erinevaid ERP-süsteeme ning nende võimalusi, mille käigus valiti ettevõtte spetsiifikale vastav tarkvara MRPeasy. Töös kirjeldati valitud tarkvara kasutusvoogu ja võimalusi. Programmi valikul lähtuti ettevõtte vajadustest, mille põhjal püstitati komisjoni poolt täpsemad kriteeriumid. Kriteeriumitele seati skaala vastavalt funktsioonide tähtsusele. Suurima punktisummaga tarkvara valiti juurutusprotsessi läbi viimseks.

Programmi rakendusprotsessi läbiviimiseks koostati esmalt juurutusplaan, mille kogukestvuseks määrati üks aasta. Tegevusplaan koosnes kuuest põhitegevusest: tarkvara valik, tutvumine programmiga, algandmete sisestamine, protsesside sisestamine, testimine ja arendamine, toodete sisestamine, personali koolitamine ja käivitamine. Töös kirjeldati üksikasjalikult juurutusprotsessi kõik etappe, mille käigus selgitati probleeme ja lahendusi ning loodi standardne süsteem toodete programmi sisestamiseks. Lisaks kirjeldati edasisi tegevusi tarkvara täiemahuliseks kasutusele võtmiseks.

Bakalaureusetöö eesmärgiks oli hinnata tarkvara kasulikkust ettevõttele. Selleks analüüsiti eelnevalt püstitanud ettevõtte vajadusi ning koostati majanduslikud arvutused investeeringu tasuvusaja leidmiseks. Juurutusprotsessi käigus suudeti rahuldada kaks kolmandiku vajadustest. Programmi kasutamise hetkeline etapp ei ole võimaldanud realiseerida kahte püstitatud vajadust, milleks on toote omahinna arvutamine ja tootmisprotsesside optimeerimine. Nende protsesside elluviimiseks on vaja programmi lisada andmeid, mis on osa järgnevast töö etapist, kus võetakse tarkvara täiemahuliselt kasutusele. Läbiviidud majanduslike arvutuste käigus summeeriti juurutuskulud, milleks oli 18559,4€ ning prognoositi tasuvusajaks 32 kuud.

SUMMARY

The purpose of implementing resource planning software was to increase the profitability of the company OÜ Equa and the added value of its employees. In this paper, different ERP systems and their possibilities were studied. Considering the company's specifications, the software MRPeasy was selected. The thesis described the operating flow and possibilities of the selected software. The selection of the program was based on the needs of the company and specific criterias which were voted in by the Commission. The criterias were set according to the importance of the functions. The software with the highest score was selected to complete the deployment process.

In order to carry out the implementation process of the program, an implementation plan was first prepared with the total duration of one year. The action plan consisted of six main activities: software selection, program familiarization, raw data entry, process entry, testing and development, product entry, staff training and launch. This paper described in detail all the stages of the implementation process, during which the problems and solutions were explained and a standard system for entering the product into program was created. In addition, further steps to fully deploy the software were described.

The aim of the bachelor's thesis was to evaluate the usefulness of the software for the company. In order to find the payback period of the investment, the author had to analyze the needs of company and make economic calculations. During the implementation process, two thirds of the needs were met. The current stage of using the program has not made it possible to realize the two identified needs, which are the calculation of the product's cost price and the optimization of production processes. In order to implement these processes, it is necessary to add data to the program as part of the next stage of work, when the software will be fully implemented. In the course of the economic calculations, the implementation costs were summed up, which was in total of € 18,559.4. The payback period was estimated to be 32 months.