



University of Applied Science and Technology of Ahvaz

## ***Paydar San'at Co. Software Documentation***

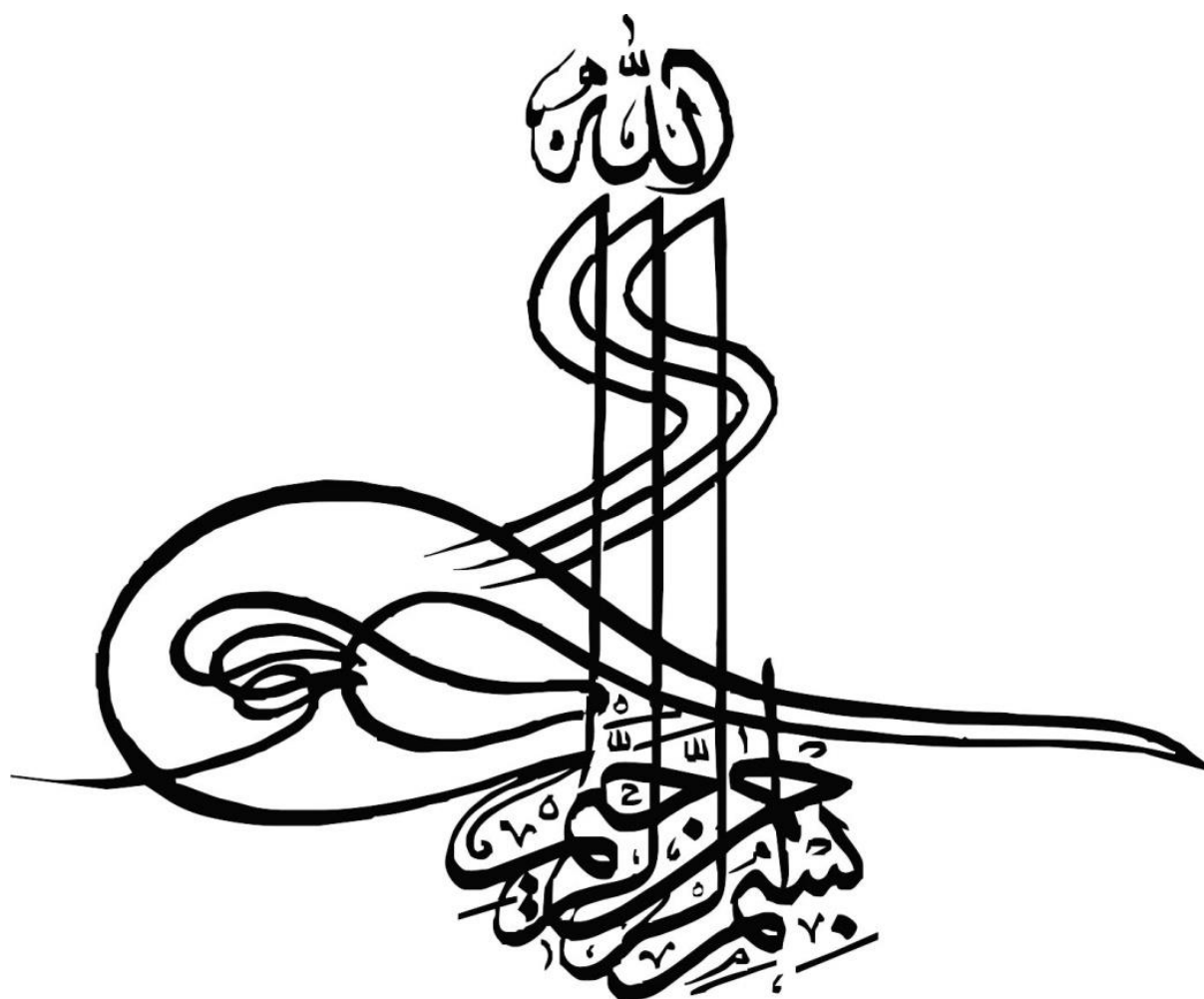
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## **Thanking and Appreciations**

At the beginning, I thank the almighty God who did not leave me alone in all the difficult and easy moments of life even for blink of an eye, and the meaningful prayer of the great Prophet Mohammed ﷺ "Dear God don't leave me alone not for a blink of an eye" for this My humble servant answered the good prayers of my dear parents to whom I owe my success after God. At the same time, I would like to express my gratitude to Mr. Hassanzadeh, who helped me in this matter with his unreserved guidance. I ask the Almighty God to bless all the loved ones with success and prosperity in all moments of their lives. God willing...

وما توفيقنا الا بالله..

## Summary

The current documentation is the result of my research in the field of accounting, as well as the result of designing and programming for several months for the production of **accounting software** named **Cactus** (construction contracting companies). This software is for automatic and very fast common accounting practices in such companies, which does not require the user to know complex and sometimes specialized accounting matters.

Today, with the advancement of science and technology and the human need to act quickly in performing calculations, as well as the need to perform accurate and error-free calculations, the use of computers has become mandatory and necessary in almost all fields. To use the computer in any field; the need for a special program and software is crucial. The preparation and production of software also requires an expert force in programming and familiar with the desired work environment.

The software production process consists of several stages, and software documentation is an integral part of those stages. In fact, by documenting the software, the programmer has opened the way for other programmers who want to produce similar software, and in addition, he has made his work very easy for developing or even debugging the program in the future.

By using this software, you can perform all office and accounting tasks in construction contracting companies such as:

- Issuance of pay slips
- Issuance of leave sheets
- Issuance of accounting documents
- Viewing accounting books (general, certain and detailed)
- And...

It is necessary to do it by computer.

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## **Introduction**

During the decades since the creation and use of the computer, there has been significant progress in various fields of the computer. In terms of hardware, it has progressed from lamp-based computers to supercomputers.

In machine language programs, we have reached intelligent software and fourth generation languages. In relation to the application, the computer has come out of doing limited and specific tasks, and now it is used in different levels from inside the houses to schools, universities, offices, companies, organizations and commercial places and various other computer centers, and it is widely used. It is used and in the next few years, the situation will be such that the computer will permeate all aspects of human life. In such a situation, it is necessary that all people should be familiar with computer capabilities, secondly, those who work in the computer field should be fully familiar with new ideas, methods and techniques and use them in their related work.

A software consists of:

- **Instructions**
- **Data Structure**
- **Documentation**

So, documentation is one of the stages of software preparation, and in this section, we intend to document Cactus accounting software (contracting companies).