

Computer System Documentation Types

| Documentation Type | | Description |
|---------------------------|--|---|
| RA | Requirements Analysis | This document describes what the system must do in order to perform the business functions of concern. It basically describes features and benefits of the system, why the system should exist, who will use it, where it is to be used, when it is to be used, and how it fits into the business as a tool to solve the business problem. Information is usually gathered by interviews. |
| FS | Functional Specifications | This document describes what the input screens and output screens must look like in conformance with the Business Requirements Analysis. It includes the format of the screen design, menu items, the output forms, the type of storage, and the processing required to produce the outputs from designated inputs specified by RA . |
| TS | Technical Specifications | This document describes what hardware and software must be used to design the input screens, perform the processing, and produce the output screens and reports in conformance with the Functional Specifications. This describes the programming language, software, and the hardware required to satisfy FS . It includes the System Architecture, that includes the type of database program (Sybase, Oracle, SQL Server, etc.), Network Configuration, and connections among other things. |
| PC | Programming/ Coding | This documentation includes the algorithms, pseudocode, flowcharts, and the actual coding in conformance with the Technical Design Specifications. The program, using the specified program languages, is designed and coded to function as required in FS . |
| IN | Integration/ Testing | This document describes the hardware and software that is used with the basic system. It also describes how the other software and hardware, that is to operate with the main system, is integrated and tested with the main system. |
| IM | Implementation/ Testing | This document describes the system installation and test procedures using test data. |
| UD | User Documentation | A User's Guide is used to guide the end-user in the operation of the system. A Program Developer's Guide, and an Administrator's Guide may also be put in this category. |
| CM | Configuration Management (Audit and Change Control) | This documentation describes how to control and document the functional and physical characteristics of software or hardware. It also documents the control of the changes to the characteristics and the recording and reporting of the change processing and implementation status. |