Planning an organization structure

The tasks that are performed during the lifetime of a software product include planning, product development, services, publications, quality assurance, support and maintenance.

*Planning Task*:

The Planning task identifies external customers and internal product needs, conducts feasibility studies and monitors progress from beginning to end of the product life cycle.

*Development Task*:

The development task specifies designs, implements, debugs, tests and integrates the product.

*Service Task*:

The services task provides automated tools and performs configuration management, product distribution and miscellaneous administrative support.

*Publication Task*:

The publications task develops user's manuals installation instructions, principles of operation and other supporting documents.

*Quality Assurance Task*:

Before releasing the software product to customers, the quality assurance that provides independent evaluation of source code and publications.

*Support Task*:

The support task promotes the product, trains users, installs the product and provides continuing liaison between users and other tasks.

*Maintenance Task*:

* The maintenance task provides error correction and minor enhancement throughout the productive life of the software product.
* Major enhancements and adaptation of the software to new processing environments are treated as new development activities in this scheme.
* Several variations on this structure are possible Methods for organizing these tasks include the project format, the functional format and the matrix format.