Software Project Management Plans

For **E-Library Management System**

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Introduction

This standard prescribes the format and content of software project management plans (SPMPs). An SPMP is the controlling document for managing a software project; it defines the technical and managerial processes necessary to develop software work products that satisfy the product requirements.

This standard may be applied to any type of software project. Use of this standard is not restricted by the size, complexity, or criticality of the software product. This standard is applicable to all forms of product delivery media, including traditional source code, firmware, embedded systems code, programmable logic arrays, and software-insilicon. This standard can be applied to any, or all, phases of a software product life cycle.

This standard identifies the elements that should appear in all SPMPs. There are two types of compliance to this standard: format compliance, in which the exact format and contents of this standard are followed in a project plan; and content compliance, in which the contents of this standard are rearranged in a project plan. In the case of content compliance, a mapping should be provided to map the content-compliant project plan into the various clauses and subclauses of this standard. Project plans that

conform to the earlier version of this E-Library management System, may claim partial content-compliance with this standard; this is the only type of partial content-compliance allowed. All compliant project plans must be titled "Software Project Management Plan."

Project plans based on this standard may incorporate additional elements by appending additional clauses or subclauses. The various clauses and subclauses of an SPMP conformant to this standard may be included in the plan by direct incorporation or by reference to other plans. Access to plans incorporated by reference shall be provided for all project stakeholders. Some organizations may have generic project plans based on this standard, so that development of a particular project plan will involve tailoring of the generic plan in areas such as the process model, supporting processes, and infrastructure, and adding project-unique elements such as schedule, budget, work activities, and risk management plan.

Abstract

Online Library Management System is a system that maintains the information about the books present in the library, their authors, the members of the library to whom books are issued, library staff, and all.

This is very difficult to organize manually. Maintenance of all this information manually is a very complex task. Owing to the advancement of technology, the organization of an Online Library becomes much simple. The Online Library Management has been designed to computerize and automate the operations performed over the information about the members, book issues and returns, and all other operations. This computerization of the library helps in many instances of its maintenances. It reduces the workload of management as most of the manual work done is reduced.

Project Aims and Objectives

The project aims and objectives that will be achieved after the completion of this project are discussed in this subchapter.

The aims and objectives are as follows:

● Online book reading.

● A search column to search the availability of books.

● Facility to download required books.

● Video tutorial for students.

● An Admin login page where admin can add books, videos, or page sources

● Open link for Learning Websites

Elements of the software project management plan

The individual or organization responsible for a software project shall also be responsible for the software project management plan (hereafter referred to as the SPMP). This clause of the standard describes each of the elements of an SPMP.

The ordering of elements presented is not meant to imply that the clauses and subclauses must be developed in that order. The order of elements is intended for ease of reading, presentation, and use, and not as a guide to the order of preparation of the various elements of an SPMP. The various clauses and subclauses of an SPMP may be included by direct incorporation or by reference to other plans and documents.