

Preface

This book is designed to meet the needs of researchers and students. The text assumes that the reader knows basic system analysis and design (SAD). The SAD techniques required for understanding some advanced topics are incorporated in individual chapters.

This book's main objective is to introduce, in a unique manner, the fundamental principles of understanding business requirements and fitting enterprise resource planning (ERP) to meet these business needs. The book also helps to understand the usage of ERP for monitoring and controlling business processes. A sufficient number of topics has been covered in detail to enable the readers to follow without much difficulty.

The first three chapters of this book introduce multiple deployment considerations, project initiation and core process analysis. These chapters provide an overview of prerequisites, activities, deliverables and critical success factors of project initiations and core process analysis. We believe that once you understand the basic principles of detailed activities, creating solutions to critical success factors is a matter of fact.

Chapters 4 through 6 present techniques and strategies for conference room pilot, customization, interface and conversion for improving aligning ERP with business models.

Chapters 7 through 11 suggest system integration testing, training and user acceptance test. These chapters offer recommendations regarding effective and productive testing techniques before production goes live.

Finally, Chap. 12 explores project management and its objectives. This last chapter provides detailed activities and deliverables for project management. We also discuss decision matrices and critical success factors for implementation.

Enterprise Resource Planning

Fundamentals of Design and Implementation

Ganesh, K.; Mohapatra, S.; Anbuudayasankar, S.P.;

Sivakumar, P.

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