

Administrative Front-end For Virtual Shop " Indus Books "



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Project Brief

Project Title : Administrative front-end for virtual shop "Indus Books"

Undertaken By: Omar Khalid

Supervised By : Dr. Saeed Akhtar Bhatti

Starting Month : June 1999

Completion Month: October 1999

Software Used : Visual Café

Operating System : Windows 98

System Used : Pentium 300Mhz 32 MB RAM

Abstract

Indus books is basically a World Wide Web based information system in Java for a book store. Web users can search, view and order Books, CDs and Magazines from the **Indus books** web site. The book store administration can manage, update and control the database through the web. The different branches of the book store can also manage the central web database through the internet .

The project contains three major parts. The development of the backend database in oracle. The web to database connectivity part which is developed In Java using the JDBC API and finally the deployment of the web site and the contained applets on to the web server.

My part in the project was to develop the Administrative front-end for the virtual shop "Indus Books" through which the administration of the book stores could manage there web database , development of the web site for the web users and the deployment of the web site on the web server.

Preface

This Report explains how Web applications that access databases are built and also gives a comprehensive view of system study, design , coding and deployment of my part in the virtual shop "Indus books".

Chapter 1, Introduction, explains the basic concepts that will be used in the coming chapters.

Chapter 2, Web database application architectures, gives an overview of how Web applications that access databases are built.

Chapter 3, Planning and analysis stage, explain the project plan and the requirement analysis stage.

Chapter 4, Design stage, gives the web site, database, architectural and GUI design of the project.

Chapter 5, Coding and deployment stage, explains the JDBC API and the deployment of the project.

Chapter 6, Testing stage, Explains the testing strategies and the levels of testing used in the project.

Chapter 7, User Guide, Presents a manual for the software.

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Omar Khalid