
Java EE Project Using EJB 3, JPA And Struts 2 For Beginners

This book aims serving students, developers, technical leads and to some extent project managers or consultants by demonstrating a structured documented modestly sized project. Learning the project development and documentation is done through the construction of an Online Car Rental System [integrated with a payment gateway] using MySQL Community Server as the data store with Java Server Pages as the delivery mechanism, Struts 2 as the framework, JPA as the Specification and Hibernate 3 as the Implementation [the Object Relational Mapping library].

What You'll Learn?

Online Shopping

Google checkout

jQuery Validations

Session management Search

Sending emails

Images in BLOB

Entity Beans [Annotations]

Stateless Session Beans

Ajax

Access based user management

Display Tag

Pagination

Restricted page access protection

User authentication interceptor

Custom error pages

Double form submission prevention

Persistence

Java Transaction API

Java Persistence API

Connection Pooling

JNDI Data Source

Named Queries

Check Username Availability

Password Strength

Resource Bundle

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Sample Chapter TOC

THE TOPICS COVERED IN THE BOOK

Understanding The Framework

Enterprise Java Beans 3

Java Persistence API

Struts 2

The Project Case Study

Process Flow

Software Requirements Specification

Software Design Documentation

Project Files

Running The Project

Data Dictionary

Setting Up The Development Environment

End User Manual

Google Checkout – Payment Gateway

CONTENTS OF THE CD-ROM

Setup files for JDK 6

MySQL Community Server 6

MySQL Connector/J

Struts 2.1.x

Hibernate 3

Source code for the project, SQL Import Script for MySQL