**BookShop\src\java\com\sharanamvaishali\model**

**Author.txt**

package com.sharanamvaishali.model;

import java.sql.Blob;

import javax.persistence.\*;

import org.hibernate.validator.constraints.Email;

import org.hibernate.validator.constraints.NotEmpty;

@Entity

@Table(name="AUTHORS")

public class Author implements java.io.Serializable {

@Id

@GeneratedValue

@Column(name="AUTHORNO")

private Integer authorNo;

@Column(name="FIRSTNAME")

@NotEmpty(message="First name is mandatory")

private String firstName;

@Column(name="LASTNAME")

@NotEmpty(message="Last name is mandatory")

private String lastName;

@Column(name="ADDRESS1")

private String address1;

@Column(name="ADDRESS2")

private String address2;

@Column(name="CITY")

private String city;

@Column(name="STATENO")

private Integer stateNo;

@Column(name="PINCODE")

private String pincode;

@Column(name="COUNTRYNO")

private Integer countryNo;

@Column(name="DEGREE")

private String degree;

@Column(name="EMAILADDRESS")

@NotEmpty(message="Email address is mandatory")

@Email(message="Invalid email address")

private String emailAddress;

@Column(name="PHOTOGRAPH")

@Lob

private Blob photograph;

@Column(name="SPECIALITY")

private String speciality;

@Column(name="DOB")

private String dob;

public String getAddress1() {

return address1;

}

public void setAddress1(String address1) {

this.address1 = address1;

}

public String getAddress2() {

return address2;

}

public void setAddress2(String address2) {

this.address2 = address2;

}

public Integer getAuthorNo() {

return authorNo;

}

public void setAuthorNo(Integer authorNo) {

this.authorNo = authorNo;

}

public String getCity() {

return city;

}

public void setCity(String city) {

this.city = city;

}

public Integer getStateNo() {

return stateNo;

}

public void setStateNo(Integer stateNo) {

this.stateNo = stateNo;

}

public Integer getCountryNo() {

return countryNo;

}

public void setCountryNo(Integer countryNo) {

this.countryNo = countryNo;

}

public String getDegree() {

return degree;

}

public void setDegree(String degree) {

this.degree = degree;

}

public String getDob() {

return dob;

}

public void setDob(String dob) {

this.dob = dob;

}

public String getEmailAddress() {

return emailAddress;

}

public void setEmailAddress(String emailAddress) {

this.emailAddress = emailAddress;

}

public String getFirstName() {

return firstName;

}

public void setFirstName(String firstName) {

this.firstName = firstName;

}

public String getLastName() {

return lastName;

}

public void setLastName(String lastName) {

this.lastName = lastName;

}

public Blob getPhotograph() {

return photograph;

}

public void setPhotograph(Blob photograph) {

this.photograph = photograph;

}

public String getPincode() {

return pincode;

}

public void setPincode(String pincode) {

this.pincode = pincode;

}

public String getSpeciality() {

return speciality;

}

public void setSpeciality(String speciality) {

this.speciality = speciality;

}

}

**Book.txt**

package com.sharanamvaishali.model;

import java.sql.Blob;

import javax.persistence.\*;

import javax.validation.constraints.NotNull;

import org.hibernate.validator.constraints.NotEmpty;

@Entity

@Table(name="BOOKS")

public class Book implements java.io.Serializable {

@Id

@GeneratedValue

@Column(name="BOOKNO")

private Integer bookNo;

@Column(name="BOOKNAME")

@NotEmpty(message="Book name is mandatory")

private String bookName;

@Column(name="AUTHOR1NO")

@NotNull(message="Author name is mandatory")

private Integer author1No;

@Column(name="AUTHOR2NO")

private Integer author2No;

@Column(name="AUTHOR3NO")

private Integer author3No;

@Column(name="AUTHOR4NO")

private Integer author4No;

@Column(name="PUBLISHERNO")

@NotNull(message="Publisher name is mandatory")

private Integer publisherNo;

@Column(name="CATEGORYNO")

@NotNull(message="Category is mandatory")

private Integer categoryNo;

@Column(name="COVERPAGE")

@Lob

private Blob coverPage;

@Column(name="ISBN")

@NotEmpty(message="ISBN is mandatory")

private String isbn;

@Column(name="EDITION")

@NotEmpty(message="Edition is mandatory")

private String edition;

@Column(name="YEAR")

@NotNull(message="Year is mandatory")

private Integer year;

@Column(name="COST")

@NotNull(message="Cost is mandatory")

private Integer cost;

@Column(name="SYNOPSIS")

@NotEmpty(message="Synopsis is mandatory")

private String synopsis;

@Column(name="ABOUTAUTHORS")

@NotEmpty(message="About Authors is mandatory")

private String aboutAuthors;

@Column(name="TOPICSCOVERED")

private String topicsCovered;

@Column(name="CONTENTSCDROM")

private String contentsCDROM;

@Column(name="TOC")

@Lob

private Blob toc;

@Column(name="SAMPLECHAPTER")

@Lob

private Blob sampleChapter;

@Column(name="HITS")

private Integer hits;

public String getAboutAuthors() {

return aboutAuthors;

}

public void setAboutAuthors(String aboutAuthors) {

this.aboutAuthors = aboutAuthors;

}

public Integer getAuthor1No() {

return author1No;

}

public void setAuthor1No(Integer author1No) {

this.author1No = author1No;

}

public Integer getAuthor2No() {

return author2No;

}

public void setAuthor2No(Integer author2No) {

this.author2No = author2No;

}

public Integer getAuthor3No() {

return author3No;

}

public void setAuthor3No(Integer author3No) {

this.author3No = author3No;

}

public Integer getAuthor4No() {

return author4No;

}

public void setAuthor4No(Integer author4No) {

this.author4No = author4No;

}

public String getBookName() {

return bookName;

}

public void setBookName(String bookName) {

this.bookName = bookName;

}

public Integer getBookNo() {

return bookNo;

}

public void setBookNo(Integer bookNo) {

this.bookNo = bookNo;

}

public Integer getCategoryNo() {

return categoryNo;

}

public void setCategoryNo(Integer categoryNo) {

this.categoryNo = categoryNo;

}

public String getContentsCDROM() {

return contentsCDROM;

}

public void setContentsCDROM(String contentsCDROM) {

this.contentsCDROM = contentsCDROM;

}

public Integer getCost() {

return cost;

}

public void setCost(Integer cost) {

this.cost = cost;

}

public Blob getCoverPage() {

return coverPage;

}

public void setCoverPage(Blob coverPage) {

this.coverPage = coverPage;

}

public String getEdition() {

return edition;

}

public void setEdition(String edition) {

this.edition = edition;

}

public Integer getHits() {

return hits;

}

public void setHits(Integer hits) {

this.hits = hits;

}

public String getIsbn() {

return isbn;

}

public void setIsbn(String isbn) {

this.isbn = isbn;

}

public Integer getPublisherNo() {

return publisherNo;

}

public void setPublisherNo(Integer publisherNo) {

this.publisherNo = publisherNo;

}

public Blob getSampleChapter() {

return sampleChapter;

}

public void setSampleChapter(Blob sampleChapter) {

this.sampleChapter = sampleChapter;

}

public String getSynopsis() {

return synopsis;

}

public void setSynopsis(String synopsis) {

this.synopsis = synopsis;

}

public Blob getToc() {

return toc;

}

public void setToc(Blob toc) {

this.toc = toc;

}

public String getTopicsCovered() {

return topicsCovered;

}

public void setTopicsCovered(String topicsCovered) {

this.topicsCovered = topicsCovered;

}

public Integer getYear() {

return year;

}

public void setYear(Integer year) {

this.year = year;

}

}

**CartItem.txt**

package com.sharanamvaishali.model;

public class CartItem implements java.io.Serializable {

private String userName;

private Integer bookNo;

private String bookName;

private String synopsis;

private Integer cost;

private Integer qty;

public CartItem() {

}

public CartItem(String userName, Integer bookNo, String bookName, String synopsis, Integer cost, Integer qty) {

this.userName = userName;

this.bookNo = bookNo;

this.bookName = bookName;

this.synopsis = synopsis;

this.cost = cost;

this.qty = qty;

}

public Integer getBookNo() {

return bookNo;

}

public void setBookNo(Integer bookNo) {

this.bookNo = bookNo;

}

public String getUserName() {

return userName;

}

public void setUserName(String userName) {

this.userName = userName;

}

public String getBookName() {

return bookName;

}

public void setBookName(String bookName) {

this.bookName = bookName;

}

public String getSynopsis() {

return synopsis;

}

public void setSynopsis(String synopsis) {

this.synopsis = synopsis;

}

public Integer getCost() {

return cost;

}

public void setCost(Integer cost) {

this.cost = cost;

}

public Integer getQty() {

return qty;

}

public void setQty(Integer qty) {

this.qty = qty;

}

}

**Category.txt**

package com.sharanamvaishali.model;

import javax.persistence.\*;

import org.hibernate.validator.constraints.NotEmpty;

@Entity

@Table(name="CATEGORIES")

public class Category implements java.io.Serializable {

@Id

@GeneratedValue

@Column(name="CATEGORYNO")

private Integer categoryNo;

@Column(name="CATEGORY")

@NotEmpty(message="Category is mandatory")

private String category;

@Column(name="DESCRIPTION")

@NotEmpty(message="Category description is mandatory")

private String description;

public String getCategory() {

return category;

}

public void setCategory(String category) {

this.category = category;

}

public Integer getCategoryNo() {

return categoryNo;

}

public void setCategoryNo(Integer categoryNo) {

this.categoryNo = categoryNo;

}

public String getDescription() {

return description;

}

public void setDescription(String description) {

this.description = description;

}

}

**Country.txt**

package com.sharanamvaishali.model;

import javax.persistence.\*;

import org.hibernate.validator.constraints.NotEmpty;

@Entity

@Table(name="COUNTRIES")

public class Country implements java.io.Serializable {

@Id

@GeneratedValue

@Column(name="COUNTRYNO")

private Integer countryNo;

@Column(name="COUNTRY")

@NotEmpty(message="Country name is mandatory")

private String country;

public String getCountry() {

return country;

}

public void setCountry(String country) {

this.country = country;

}

public Integer getCountryNo() {

return countryNo;

}

public void setCountryNo(Integer countryNo) {

this.countryNo = countryNo;

}

}

**PopularSearch.txt**

package com.sharanamvaishali.model;

import javax.persistence.\*;

@Entity

@Table(name="POPULARSEARCHES")

public class PopularSearch implements java.io.Serializable {

@Id

@GeneratedValue

@Column(name="SEARCHNO")

private Integer searchNo;

@Column(name="VALUE")

private String searchValue;

public Integer getSearchNo() {

return searchNo;

}

public void setSearchNo(Integer searchNo) {

this.searchNo = searchNo;

}

public String getSearchValue() {

return searchValue;

}

public void setSearchValue(String searchValue) {

this.searchValue = searchValue;

}

}

**Publisher.txt**

package com.sharanamvaishali.model;

import javax.persistence.\*;

import org.hibernate.validator.constraints.Email;

import org.hibernate.validator.constraints.NotEmpty;

@Entity

@Table(name="PUBLISHERS")

public class Publisher implements java.io.Serializable {

@Id

@GeneratedValue

@Column(name="PUBLISHERNO")

private Integer publisherNo;

@Column(name="PUBLISHERNAME")

@NotEmpty(message="Publisher name is mandatory")

private String publisherName;

@Column(name="ADDRESS1")

private String address1;

@Column(name="ADDRESS2")

private String address2;

@Column(name="CITY")

private String city;

@Column(name="STATENO")

private Integer stateNo;

@Column(name="PINCODE")

private String pincode;

@Column(name="COUNTRYNO")

private Integer countryNo;

@Column(name="EMAILADDRESS")

@NotEmpty(message="Email address is mandatory")

@Email(message="Invalid email address")

private String emailAddress;

public String getAddress1() {

return address1;

}

public void setAddress1(String address1) {

this.address1 = address1;

}

public String getAddress2() {

return address2;

}

public void setAddress2(String address2) {

this.address2 = address2;

}

public String getCity() {

return city;

}

public void setCity(String city) {

this.city = city;

}

public Integer getStateNo() {

return stateNo;

}

public void setStateNo(Integer stateNo) {

this.stateNo = stateNo;

}

public Integer getCountryNo() {

return countryNo;

}

public void setCountryNo(Integer countryNo) {

this.countryNo = countryNo;

}

public String getEmailAddress() {

return emailAddress;

}

public void setEmailAddress(String emailAddress) {

this.emailAddress = emailAddress;

}

public String getPincode() {

return pincode;

}

public void setPincode(String pincode) {

this.pincode = pincode;

}

public String getPublisherName() {

return publisherName;

}

public void setPublisherName(String publisherName) {

this.publisherName = publisherName;

}

public Integer getPublisherNo() {

return publisherNo;

}

public void setPublisherNo(Integer publisherNo) {

this.publisherNo = publisherNo;

}

}

**Search.txt**

package com.sharanamvaishali.model;

public class Search implements java.io.Serializable {

private String searchCriteria;

public Search() {

}

public Search(String searchCriteria) {

this.searchCriteria = searchCriteria;

}

public String getSearchCriteria() {

return searchCriteria;

}

public void setSearchCriteria(String searchCriteria) {

this.searchCriteria = searchCriteria;

}

}

**State.txt**

package com.sharanamvaishali.model;

import javax.persistence.\*;

import org.hibernate.validator.constraints.NotEmpty;

@Entity

@Table(name="STATE")

public class State implements java.io.Serializable {

@Id

@GeneratedValue

@Column(name="STATENO")

private Integer stateNo;

@Column(name="STATE")

@NotEmpty(message="State name is mandatory")

private String state;

public Integer getStateNo() {

return stateNo;

}

public void setStateNo(Integer stateNo) {

this.stateNo = stateNo;

}

public String getState() {

return state;

}

public void setState(String state) {

this.state = state;

}

}

**Transaction.txt**

package com.sharanamvaishali.model;

import java.sql.Date;

import javax.persistence.\*;

@Entity

@Table(name="TRANSACTIONS")

public class Transaction implements java.io.Serializable {

@Id

@GeneratedValue

@Column(name="TRANSACTIONDETAILNO")

private Integer transactionDetailNo;

@Column(name="TRANSACTIONNO")

private Integer transactionNo;

@Column(name="GOOGLEORDERNO")

private String googleOrderNo;

@Column(name="TRANSACTIONDATE")

private Date transactionDate;

@Column(name="USERNAME")

private String userName;

@Column(name="BOOKNAME")

private String bookName;

@Column(name="COST")

private Integer cost;

@Column(name="QTY")

private Integer qty;

public String getGoogleOrderNo() {

return googleOrderNo;

}

public void setGoogleOrderNo(String googleOrderNo) {

this.googleOrderNo = googleOrderNo;

}

public String getBookName() {

return bookName;

}

public void setBookName(String bookName) {

this.bookName = bookName;

}

public Integer getCost() {

return cost;

}

public void setCost(Integer cost) {

this.cost = cost;

}

public Integer getQty() {

return qty;

}

public void setQty(Integer qty) {

this.qty = qty;

}

public Integer getTransactionDetailNo() {

return transactionDetailNo;

}

public void setTransactionDetailNo(Integer transactionDetailNo) {

this.transactionDetailNo = transactionDetailNo;

}

public Integer getTransactionNo() {

return transactionNo;

}

public void setTransactionNo(Integer transactionNo) {

this.transactionNo = transactionNo;

}

public String getUserName() {

return userName;

}

public void setUserName(String userName) {

this.userName = userName;

}

public Date getTransactionDate() {

return transactionDate;

}

public void setTransactionDate(Date transactionDate) {

this.transactionDate = transactionDate;

}

}

**User.txt**

package com.sharanamvaishali.model;

import javax.persistence.\*;

import org.hibernate.validator.constraints.Email;

import org.hibernate.validator.constraints.NotEmpty;

@Entity

@Table(name="USERS")

public class User implements java.io.Serializable {

@Id

@GeneratedValue

@Column(name="USERNO")

private Integer userNo;

@Column(name="USERNAME")

@NotEmpty(message="Username is mandatory")

private String userName;

@Column(name="PASSWORD")

@NotEmpty(message="Password is mandatory")

private String password;

@Column(name="EMAILADDRESS")

@NotEmpty(message="Email address is mandatory")

@Email(message="Invlaid email address")

private String emailAddress;

@Column(name="FIRSTNAME")

@NotEmpty(message="First name is mandatory")

private String firstName;

@Column(name="LASTNAME")

@NotEmpty(message="Last name is mandatory")

private String lastName;

@Column(name="ADDRESS1")

private String address1;

@Column(name="ADDRESS2")

private String address2;

@Column(name="CITY")

private String city;

@Column(name="STATENO")

private Integer stateNo;

@Column(name="PINCODE")

private String pincode;

@Column(name="COUNTRYNO")

private Integer countryNo;

@Column(name="DOB")

private String dob;

@Column(name="NEWRELEASE")

private boolean newRelease;

@Column(name="BOOKUPDATES")

private boolean bookUpdates;

@Column(name="ENABLED")

private boolean enabled;

@Column(name="AUTHORITY")

private String authority;

public String getEmailAddress() {

return emailAddress;

}

public void setEmailAddress(String emailAddress) {

this.emailAddress = emailAddress;

}

public String getFirstName() {

return firstName;

}

public void setFirstName(String firstName) {

this.firstName = firstName;

}

public String getLastName() {

return lastName;

}

public void setLastName(String lastName) {

this.lastName = lastName;

}

public String getPassword() {

return password;

}

public void setPassword(String password) {

this.password = password;

}

public String getUserName() {

return userName;

}

public void setUserName(String userName) {

this.userName = userName;

}

public Integer getUserNo() {

return userNo;

}

public void setUserNo(Integer userNo) {

this.userNo = userNo;

}

public String getAuthority() {

return authority;

}

public void setAuthority(String authority) {

this.authority = authority;

}

public boolean isEnabled() {

return enabled;

}

public void setEnabled(boolean enabled) {

this.enabled = enabled;

}

public String getAddress1() {

return address1;

}

public void setAddress1(String address1) {

this.address1 = address1;

}

public String getAddress2() {

return address2;

}

public void setAddress2(String address2) {

this.address2 = address2;

}

public boolean isBookUpdates() {

return bookUpdates;

}

public void setBookUpdates(boolean bookUpdates) {

this.bookUpdates = bookUpdates;

}

public String getCity() {

return city;

}

public void setCity(String city) {

this.city = city;

}

public Integer getCountryNo() {

return countryNo;

}

public void setCountryNo(Integer countryNo) {

this.countryNo = countryNo;

}

public String getDob() {

return dob;

}

public void setDob(String dob) {

this.dob = dob;

}

public boolean isNewRelease() {

return newRelease;

}

public void setNewRelease(boolean newRelease) {

this.newRelease = newRelease;

}

public String getPincode() {

return pincode;

}

public void setPincode(String pincode) {

this.pincode = pincode;

}

public Integer getStateNo() {

return stateNo;

}

public void setStateNo(Integer stateNo) {

this.stateNo = stateNo;

}

}