package total.store.dao.impl;  
  
import total.store.dao.BookDao;  
import total.store.model.Book;  
import total.store.util.DbUtil;  
  
import java.sql.Connection;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.util.ArrayList;  
import java.util.List;  
  
public class BookDaoImpl implements BookDao {  
 @Override  
 public Boolean book\_add(Book book) {  
 DbUtil dbUtil =new DbUtil();  
 ResultSet rs = null;  
 PreparedStatement ps = null;  
 Connection con=null;  
 try {  
 con = dbUtil.getCon();  
 if (con == null) {  
 return null;  
 }  
 StringBuilder sb = new StringBuilder();  
 sb.append("insert into 书籍信息表 values(null,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?)");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,book.getBookname());  
 ps.setInt(2,book.getBooktype());  
 ps.setString(3,book.getBookautorname());  
 ps.setString(4,book.getBookpublishinghouse());  
 ps.setString(5,book.getShop\_information());  
 ps.setDouble(6,book.getBookprice());  
 ps.setInt(7,book.getBookrepertory());  
 ps.setString(8,book.getImg\_1());  
 ps.setString(9,book.getImg\_2());  
 ps.setString(10,book.getImg\_3());  
 ps.setString(11,book.getImg\_4());  
 ps.setString(12,book.getImg\_5());  
 ps.setString(13,book.getImg\_6());  
 ps.setString(14,book.getImg\_7());  
 ps.setString(15,book.getBookdetail());  
 int num=ps.executeUpdate();  
 if(num==1){  
 return true;  
 }else {  
 return false;  
 }  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeResultSet(rs);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closePs(ps);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 return null;  
 }  
  
 @Override  
 public List<Book> book\_list(String shopid) {  
 DbUtil dbUtil =new DbUtil();  
 ResultSet rs = null;  
 PreparedStatement ps = null;  
 Connection con = null;  
 try {  
 con = dbUtil.getCon();  
 if (con == null) {  
 return null;  
 }  
 StringBuilder sb = new StringBuilder();  
 sb.append("select \* from 书籍信息表,书籍类型 where 书籍信息表.商铺信息 = ? and 书籍信息表.书籍类型 = 书籍类型.编号");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,shopid);  
 rs=ps.executeQuery();  
 List<Book> booklist=new ArrayList<>();  
 while(rs.next()) {  
 Book book = new Book();  
 book.setBookid(rs.getInt("编号"));  
 book.setBookname(rs.getString("书籍名"));  
 book.setBooktype(rs.getInt("书籍类型"));  
 book.setBt(rs.getString("类型"));  
 book.setBookautorname(rs.getString("作者"));  
 book.setBookpublishinghouse(rs.getString("出版社信息"));  
 book.setBookprice(rs.getDouble("价格"));  
 book.setBookrepertory(rs.getInt("库存"));  
 book.setImg\_1(rs.getString("书籍封面"));  
 book.setImg\_2(rs.getString("内页一"));  
 book.setImg\_3(rs.getString("内页二"));  
 book.setImg\_4(rs.getString("内页三"));  
 book.setImg\_5(rs.getString("内页四"));  
 book.setImg\_6(rs.getString("内页五"));  
 book.setImg\_7(rs.getString("书籍底面"));  
 book.setBookdetail(rs.getString("书籍详情信息"));  
 booklist.add(book);  
 }  
 return booklist;  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeResultSet(rs);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closePs(ps);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 return null;  
 }  
  
 @Override  
 public Book book\_one(int bookid) {  
 DbUtil dbUtil =new DbUtil();  
 ResultSet rs = null;  
 PreparedStatement ps = null;  
 Connection con = null;  
 try {  
 con = dbUtil.getCon();  
 if (con == null) {  
 return null;  
 }  
 StringBuilder sb = new StringBuilder();  
 sb.append("select \* from 书籍信息表,书籍类型 where 书籍信息表.编号 = ? and 书籍信息表.书籍类型 = 书籍类型.编号");  
 ps = con.prepareStatement(sb.toString());  
 ps.setInt(1, bookid);  
 rs=ps.executeQuery();  
 Book book = new Book();  
 while(rs.next()) {  
 book.setBookid(rs.getInt("编号"));  
 book.setBookname(rs.getString("书籍名"));  
 book.setBooktype(rs.getInt("书籍类型"));  
 book.setBt(rs.getString("类型"));  
 book.setBookautorname(rs.getString("作者"));  
 book.setBookpublishinghouse(rs.getString("出版社信息"));  
 book.setBookprice(rs.getDouble("价格"));  
 book.setBookrepertory(rs.getInt("库存"));  
 book.setImg\_1(rs.getString("书籍封面"));  
 book.setImg\_2(rs.getString("内页一"));  
 book.setImg\_3(rs.getString("内页二"));  
 book.setImg\_4(rs.getString("内页三"));  
 book.setImg\_5(rs.getString("内页四"));  
 book.setImg\_6(rs.getString("内页五"));  
 book.setImg\_7(rs.getString("书籍底面"));  
 book.setBookdetail(rs.getString("书籍详情信息"));  
 }  
 return book;  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeResultSet(rs);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closePs(ps);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 return null;  
 }  
  
 @Override  
 public Boolean book\_modify(Book book) {  
 DbUtil dbUtil =new DbUtil();  
 ResultSet rs = null;  
 PreparedStatement ps = null;  
 Connection con=null;  
 try {  
 con = dbUtil.getCon();  
 if (con == null) {  
 return null;  
 }  
 StringBuilder sb = new StringBuilder();  
 sb.append("update 书籍信息表 set 书籍名=?,书籍类型=?,作者=?,出版社信息=?,价格=?,库存=?,书籍封面=?,内页一=?,内页二=?,内页三=?,内页四=?,内页五=?,书籍底面=?,书籍详情信息=? where 编号=?");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,book.getBookname());  
 ps.setInt(2,book.getBooktype());  
 ps.setString(3,book.getBookautorname());  
 ps.setString(4,book.getBookpublishinghouse());  
 ps.setDouble(5,book.getBookprice());  
 ps.setInt(6,book.getBookrepertory());  
 ps.setString(7,book.getImg\_1());  
 ps.setString(8,book.getImg\_2());  
 ps.setString(9,book.getImg\_3());  
 ps.setString(10,book.getImg\_4());  
 ps.setString(11,book.getImg\_5());  
 ps.setString(12,book.getImg\_6());  
 ps.setString(13,book.getImg\_7());  
 ps.setString(14,book.getBookdetail());  
 ps.setInt(15,book.getBookid());  
 int num=ps.executeUpdate();  
 if(num==1){  
 return true;  
 }else {  
 return false;  
 }  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeResultSet(rs);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closePs(ps);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 return null;  
 }  
  
 @Override  
 public List<Book> book\_list() {  
 DbUtil dbUtil =new DbUtil();  
 ResultSet rs = null;  
 PreparedStatement ps = null;  
 Connection con = null;  
 try {  
 con = dbUtil.getCon();  
 if (con == null) {  
 return null;  
 }  
 StringBuilder sb = new StringBuilder();  
 sb.append("select \* from 书籍信息表,书籍类型 where 书籍信息表.书籍类型 = 书籍类型.编号");  
 ps = con.prepareStatement(sb.toString());  
 rs=ps.executeQuery();  
 List<Book> booklist=new ArrayList<>();  
 while(rs.next()) {  
 Book book = new Book();  
 book.setBookid(rs.getInt("编号"));  
 book.setBookname(rs.getString("书籍名"));  
 book.setBooktype(rs.getInt("书籍类型"));  
 book.setBt(rs.getString("类型"));  
 book.setBookautorname(rs.getString("作者"));  
 book.setBookpublishinghouse(rs.getString("出版社信息"));  
 book.setBookprice(rs.getDouble("价格"));  
 book.setBookrepertory(rs.getInt("库存"));  
 book.setImg\_1(rs.getString("书籍封面"));  
 book.setImg\_2(rs.getString("内页一"));  
 book.setImg\_3(rs.getString("内页二"));  
 book.setImg\_4(rs.getString("内页三"));  
 book.setImg\_5(rs.getString("内页四"));  
 book.setImg\_6(rs.getString("内页五"));  
 book.setImg\_7(rs.getString("书籍底面"));  
 book.setBookdetail(rs.getString("书籍详情信息"));  
 booklist.add(book);  
 }  
 return booklist;  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeResultSet(rs);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closePs(ps);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 return null;  
 }  
  
 @Override  
 public List<Book> book\_list\_kind(String booktype) {  
 DbUtil dbUtil =new DbUtil();  
 ResultSet rs = null;  
 PreparedStatement ps = null;  
 Connection con = null;  
 try {  
 con = dbUtil.getCon();  
 if (con == null) {  
 return null;  
 }  
 StringBuilder sb = new StringBuilder();  
 sb.append("select \* from 书籍信息表,书籍类型 where 书籍类型.类型 = ? and 书籍信息表.书籍类型 = 书籍类型.编号");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,booktype);  
 rs=ps.executeQuery();  
 List<Book> booklist=new ArrayList<>();  
 while(rs.next()) {  
 Book book = new Book();  
 book.setBookid(rs.getInt("编号"));  
 book.setBookname(rs.getString("书籍名"));  
 book.setBooktype(rs.getInt("书籍类型"));  
 book.setBt(rs.getString("类型"));  
 book.setBookautorname(rs.getString("作者"));  
 book.setBookpublishinghouse(rs.getString("出版社信息"));  
 book.setBookprice(rs.getDouble("价格"));  
 book.setBookrepertory(rs.getInt("库存"));  
 book.setImg\_1(rs.getString("书籍封面"));  
 book.setImg\_2(rs.getString("内页一"));  
 book.setImg\_3(rs.getString("内页二"));  
 book.setImg\_4(rs.getString("内页三"));  
 book.setImg\_5(rs.getString("内页四"));  
 book.setImg\_6(rs.getString("内页五"));  
 book.setImg\_7(rs.getString("书籍底面"));  
 book.setBookdetail(rs.getString("书籍详情信息"));  
 booklist.add(book);  
 }  
 return booklist;  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeResultSet(rs);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closePs(ps);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 return null;  
 }  
  
 @Override  
 public int book\_re(int bookid) {  
 DbUtil dbUtil = new DbUtil();  
 ResultSet rs = null;  
 PreparedStatement ps = null;  
 Connection con = null;  
 try {  
 con = dbUtil.getCon();  
 if (con == null){  
 return 0;  
 }  
 StringBuilder sb = new StringBuilder();  
 sb.append("select 库存 from 书籍信息表 where 编号=?");  
 ps = con.prepareStatement(sb.toString());  
 ps.setInt(1,bookid);  
 rs = ps.executeQuery();  
 int num = 0;  
 while (rs.next()){  
 num = rs.getInt("库存");  
 }  
 return num;  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeResultSet(rs);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closePs(ps);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 return 0;  
 }  
  
 @Override  
 public Boolean book\_modifyre(int bookid, int re) {  
 DbUtil dbUtil =new DbUtil();  
 ResultSet rs = null;  
 PreparedStatement ps = null;  
 Connection con=null;  
 try {  
 con = dbUtil.getCon();  
 if (con == null) {  
 return null;  
 }  
 StringBuilder sb = new StringBuilder();  
 sb.append("update 书籍信息表 set 库存=? where 编号=?");  
 ps = con.prepareStatement(sb.toString());  
 ps.setInt(1,re);  
 ps.setInt(2,bookid);  
 int num=ps.executeUpdate();  
 if(num==1){  
 return true;  
 }else {  
 return false;  
 }  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeResultSet(rs);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closePs(ps);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 return null;  
 }  
  
 @Override  
 public Boolean book\_delete(int bookid) {  
 DbUtil dbUtil =new DbUtil();  
 ResultSet rs = null;  
 PreparedStatement ps = null;  
 Connection con = null;  
 try {  
 con = dbUtil.getCon();  
 if (con == null) {  
 return null;  
 }  
 StringBuilder sb = new StringBuilder();  
 sb.append("delete from 书籍信息表 where 编号=?");  
 ps = con.prepareStatement(sb.toString());  
 ps.setInt(1,bookid);  
 int num=ps.executeUpdate();  
 if (num==1){  
 return true;  
 }else {  
 return false;  
 }  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }finally {  
 try {  
 dbUtil.closeResultSet(rs);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closeCon(con);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 try {  
 dbUtil.closePs(ps);  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 return null;  
 }  
}