package total.store.servlet;  
  
import org.apache.commons.fileupload.FileItem;  
import org.apache.commons.fileupload.disk.DiskFileItemFactory;  
import org.apache.commons.fileupload.servlet.ServletFileUpload;  
import total.store.model.Book;  
import total.store.service.BookService;  
import total.store.service.impl.BookServiceImpl;  
  
import javax.servlet.ServletException;  
import javax.servlet.annotation.WebServlet;  
import javax.servlet.http.HttpServlet;  
import javax.servlet.http.HttpServletRequest;  
import javax.servlet.http.HttpServletResponse;  
import java.io.File;  
import java.io.FileOutputStream;  
import java.io.IOException;  
import java.io.InputStream;  
import java.net.URLDecoder;  
import java.util.List;  
  
@WebServlet(name = "bookServlet",urlPatterns = "/bookServlet")  
public class BookServlet extends HttpServlet {  
 @Override  
 protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {  
 resp.setContentType("text/html;charset=utf-8");  
 String action = req.getParameter("action");  
 BookService bookService = new BookServiceImpl();  
 if (action.equals("shop\_booklist")){  
 String shop\_information = req.getParameter("shop\_information"); //商铺信息  
 List<Book> bookList = bookService.book\_list(shop\_information);  
 //存入session  
 req.getSession().setAttribute("bookList",bookList);  
 req.getRequestDispatcher("shop-manage-booklist.jsp").forward(req,resp);  
 }else if (action.equals("allbook\_list")){  
 List<Book> allbookList = bookService.book\_list();  
 req.getSession().setAttribute("allbookList",allbookList);  
 resp.sendRedirect("shop-list.jsp");  
 }else if (action.equals("allbook\_list\_kind")){  
 String booktype = req.getParameter("booktype");  
 String booktype1 = URLDecoder.decode(booktype,"UTF-8");  
 List<Book> allbookList = bookService.book\_list\_kind(booktype1);  
 req.getSession().setAttribute("allbookList",allbookList);  
 resp.sendRedirect("shop-list.jsp");  
 }else if (action.equals("single\_book")){  
 String bookid = req.getParameter("bookid");  
 Book book = bookService.book\_one(Integer.parseInt(bookid));  
 req.getSession().setAttribute("singlebook",book);  
 resp.sendRedirect("single-product.jsp");  
 }  
 }  
  
 @Override  
 protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {  
 String action = req.getParameter("action");  
 resp.setContentType("text/html;charset=utf-8");  
 BookService bookService = new BookServiceImpl();  
 if(action.equals("book\_add")) {  
 //String fileimg = req.getParameter("fileimg");  
 //创建文件上传目录  
 String uploadFilePath = this.getServletContext().getRealPath("/upload");  
 File file = new File(uploadFilePath);  
 if (!file.exists() && !file.isDirectory()){  
 file.mkdir();  
 }  
 //创建工厂  
 DiskFileItemFactory factory = new DiskFileItemFactory();  
 //用于解析上传数据的工具类ServletFileUpload  
 ServletFileUpload upload = new ServletFileUpload(factory);  
 //设置缓存文件最大值  
 upload.setFileSizeMax(10\*1024\*1024);  
 //设置上传文件最大值  
 upload.setSizeMax(5\*1024\*1024);  
 upload.setHeaderEncoding("UTF-8");  
 if (!ServletFileUpload.isMultipartContent(req)){  
 return;  
 }  
 //初始化为空  
 String bookname = null; // 书籍名  
 int booktype = 0; // 书籍类型  
 String bookautorname = null; // 作者名  
 String bookpublishinghouse = null; // 出版社信息  
 String shop\_information = req.getParameter("shopinformation"); //商铺信息  
 double bookprice = 0; // 数据价格  
 int bookrepertory = 0; // 书籍库存  
 String img\_1 = null;// 书籍封面  
 String img\_2 = null;// 内页一  
 String img\_3 = null;// 内页二  
 String img\_4 = null;// 内页三  
 String img\_5 = null;// 内页四  
 String img\_6 = null;// 内页五  
 String img\_7 = null;// 书籍底面  
 String bookdetail = null;// 书籍详情  
 //调用解析方法  
 try {  
 //定义一个集合 接受上传的所有请求参数  
 List<FileItem> list = upload.parseRequest(req);  
 //循环判断，每一个表单项，是普通类型，还是上传的文件  
 for (FileItem fileItem : list) {  
 if (fileItem.isFormField()) {  
 //普通表单项  
 String filedName = fileItem.getFieldName();  
 if (filedName.equals("bookname")) {  
 bookname = fileItem.getString("UTF-8");  
 } else if (filedName.equals("booktype")) {  
 booktype = Integer.parseInt(fileItem.getString("UTF-8"));  
 } else if (filedName.equals("bookautorname")) {  
 bookautorname = fileItem.getString("UTF-8");  
 } else if (filedName.equals("bookpublishinghouse")) {  
 bookpublishinghouse = fileItem.getString("UTF-8");  
 } else if (filedName.equals("bookprice")) {  
 bookprice = Double.parseDouble(fileItem.getString());  
 } else if (filedName.equals("bookrepertory")) {  
 bookrepertory = Integer.parseInt(fileItem.getString());  
 } else if (filedName.equals("bookdetail")) {  
 bookdetail = fileItem.getString("UTF-8");  
 }  
 } else {  
 String filedName = fileItem.getFieldName();  
 if (filedName.equals("img1")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_1 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_1 = "/upload/"+filename;//书籍封面  
 in.close();  
 out.close();  
 fileItem.delete();  
 } else if (filedName.equals("img3")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_2 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_2 = "/upload/"+filename;;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }else if (filedName.equals("img4")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_3 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_3 = "/upload/"+filename;;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }else if (filedName.equals("img5")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_4 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_4 = "/upload/"+filename;;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }else if (filedName.equals("img6")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_5 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_5 = "/upload/"+filename;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }else if (filedName.equals("img7")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_6 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_6 = "/upload/"+filename;;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }else if (filedName.equals("img2")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_7 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_7 = "/upload/"+filename;;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }  
 }  
 }  
 Book book = new Book(bookname,booktype,bookautorname,bookpublishinghouse,shop\_information,bookprice,bookrepertory,img\_1,img\_2,img\_3,img\_4,img\_5,img\_6,img\_7,bookdetail);  
 Boolean book\_add = bookService.book\_add(book);  
 if (book\_add){  
 String path = req.getContextPath()+"/bookServlet?action=shop\_booklist&shop\_information="+shop\_information;  
 resp.sendRedirect(path);  
 }else {  
 System.out.println("失败");  
 }  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 }else if (action.equals("shop\_bookmo")){  
 String bookid = req.getParameter("bookid");  
 Book book = bookService.book\_one(Integer.parseInt(bookid));  
 req.getSession().setAttribute("book\_one",book);  
 }else if (action.equals("book\_modify")){  
 String uploadFilePath = this.getServletContext().getRealPath("/upload");  
 DiskFileItemFactory factory = new DiskFileItemFactory();  
 //用于解析上传数据的工具类ServletFileUpload  
 ServletFileUpload upload = new ServletFileUpload(factory);  
 //设置缓存文件最大值  
 upload.setFileSizeMax(10\*1024\*1024);  
 //设置上传文件最大值  
 upload.setSizeMax(5\*1024\*1024);  
 upload.setHeaderEncoding("UTF-8");  
 if (!ServletFileUpload.isMultipartContent(req)){  
 return;  
 }  
 //初始化为空  
 int bookid = Integer.parseInt(req.getParameter("bookid"));  
 String bookname = null; // 书籍名  
 int booktype = 0; // 书籍类型  
 String bookautorname = null; // 作者名  
 String bookpublishinghouse = null; // 出版社信息  
 double bookprice = 0; // 数据价格  
 int bookrepertory = 0; // 书籍库存  
 String img\_1 = null;// 书籍封面  
 String img\_2 = null;// 内页一  
 String img\_3 = null;// 内页二  
 String img\_4 = null;// 内页三  
 String img\_5 = null;// 内页四  
 String img\_6 = null;// 内页五  
 String img\_7 = null;// 书籍底面  
 String bookdetail = null;// 书籍详情  
 String shop\_information = req.getParameter("shopinformation"); //商铺信息  
 //调用解析方法  
 try {  
 //定义一个集合 接受上传的所有请求参数  
 List<FileItem> list = upload.parseRequest(req);  
 //循环判断，每一个表单项，是普通类型，还是上传的文件  
 for (FileItem fileItem : list) {  
 if (fileItem.isFormField()) {  
 //普通表单项  
 String filedName = fileItem.getFieldName();  
 if (filedName.equals("bookname")) {  
 bookname = fileItem.getString("UTF-8");  
 } else if (filedName.equals("booktype")) {  
 booktype = Integer.parseInt(fileItem.getString("UTF-8"));  
 } else if (filedName.equals("bookautorname")) {  
 bookautorname = fileItem.getString("UTF-8");  
 } else if (filedName.equals("bookpublishinghouse")) {  
 bookpublishinghouse = fileItem.getString("UTF-8");  
 } else if (filedName.equals("bookprice")) {  
 bookprice = Double.parseDouble(fileItem.getString());  
 } else if (filedName.equals("bookrepertory")) {  
 bookrepertory = Integer.parseInt(fileItem.getString());  
 } else if (filedName.equals("bookdetail")) {  
 bookdetail = fileItem.getString("UTF-8");  
 }  
 } else {  
 String filedName = fileItem.getFieldName();  
 if (filedName.equals("img1")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_1 = "/upload/"+filename;//书籍封面  
 in.close();  
 out.close();  
 fileItem.delete();  
 } else if (filedName.equals("img3")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_2 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_2 = "/upload/"+filename;;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }else if (filedName.equals("img4")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_3 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_3 = "/upload/"+filename;;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }else if (filedName.equals("img5")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_4 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_4 = "/upload/"+filename;;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }else if (filedName.equals("img6")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_5 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_5 = "/upload/"+filename;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }else if (filedName.equals("img7")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 img\_6 = "/upload/555.png";  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_6 = "/upload/"+filename;;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }else if (filedName.equals("img2")){  
 String filename = fileItem.getName();  
 if (filename == null || filename.trim().equals("")){  
 continue;  
 }  
 filename = filename.substring(filename.lastIndexOf("\\")+1);  
 InputStream in = fileItem.getInputStream();  
 FileOutputStream out = new FileOutputStream(uploadFilePath+"\\"+filename);  
 byte buffer[] = new byte[1024];  
 int len = 0;  
 while ((len = in.read(buffer))>0){  
 out.write(buffer,0,len);  
 }  
 img\_7 = "/upload/"+filename;;  
 in.close();  
 out.close();  
 fileItem.delete();  
 }  
 }  
 }  
 Book book = new Book(bookid,bookname,booktype,bookautorname,bookpublishinghouse,bookprice,bookrepertory,img\_1,img\_2,img\_3,img\_4,img\_5,img\_6,img\_7,bookdetail);  
 Boolean result = bookService.book\_modify(book);  
 if (result){  
 String path = req.getContextPath()+"/bookServlet?action=shop\_booklist&shop\_information="+shop\_information;  
 resp.sendRedirect(path);  
 }else {  
 System.out.println("失败");  
 }  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
 }else if (action.equals("book\_delete")){  
 String bookid = req.getParameter("bookid");  
 String shopid = req.getParameter("shop\_information");  
 Boolean aBoolean = bookService.book\_delete(Integer.parseInt(bookid));  
 if (aBoolean){  
 String path = req.getContextPath()+"/bookServlet?action=shop\_booklist&shop\_information="+shopid;  
 resp.sendRedirect(path);  
 }else {  
 System.out.println("失败");  
 }  
 }  
  
 }  
}