package com.nttdata.petstore.service;

import java.util.ArrayList;

import java.util.List;

import org.apache.log4j.Logger;

import com.nttdata.petstore.dao.OrderDAO;

import com.nttdata.petstore.dao.PetStoreDAOException;

import com.nttdata.petstore.dao.ProductDAO;

import com.nttdata.petstore.dao.UserDAO;

import com.nttdata.petstore.dbcon.DBConnectionException;

import com.nttdata.petstore.dbfw.DBFWException;

import com.nttdata.petstore.domain.Cart;

import com.nttdata.petstore.domain.Customer;

import com.nttdata.petstore.domain.Item;

public class PetStrorefacade {

OrderDAO daoOne = new OrderDAO();

ProductDAO daoTwo = new ProductDAO();

UserDAO daoThree = new UserDAO();

public boolean validateUser(final String userId, final String password)

throws PetStoreException, PetStoreDAOException {

boolean isValidated = false;

try {

isValidated = daoThree.validateUser(userId, password);

} catch (PetStoreDAOException e) {

throw new PetStoreDAOException("No Connection");

// TODO Auto-generated catch block

// e.printStackTrace();

}

return isValidated;

}

public Object registerUser(final Customer customer)

throws PetStoreException, PetStoreDAOException {

Object obj = new Object();

try {

obj = (Customer) daoThree.registerUser(customer);

} catch (PetStoreDAOException e) {

throw new PetStoreDAOException("No connection");

// TODO Auto-generated catch block

// e.printStackTrace();

} catch (DBConnectionException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

return (Customer) obj;

}

//

public List getCategories() throws PetStoreException, PetStoreDAOException {

List categories = new ArrayList();

try {

categories = daoTwo.getCategories();

} catch (DBConnectionException e) {

throw new PetStoreDAOException("No connection");

// TODO Auto-generated catch block

// e.printStackTrace();

}

return categories;

}

//

public List getCatByid(final int categId) throws PetStoreException,

DBFWException {

List specificCateg = new ArrayList();

try {

specificCateg = daoTwo.getCatbyID(categId);

} catch (DBFWException e) {

throw new DBFWException("No connection");

// TODO Auto-generated catch block

// e.printStackTrace();

} catch (PetStoreDAOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

return specificCateg;

}

public List getProductList(final int categId) throws PetStoreException,

DBFWException {

List products = new ArrayList();

products = daoTwo.getProductList(categId);

return products;

}

public List getProduct(final int categId, final int prodId)

throws PetStoreException, DBFWException {

List specificProducts = new ArrayList();

specificProducts = daoTwo.getProduct(categId, prodId);

return specificProducts;

}

public List getItemList(final int categId, final int prodId)

throws PetStoreException, DBFWException {

List<Item> itemList = new ArrayList();

itemList = daoTwo.getItemList(categId, prodId);

return itemList;

}

public List getItem(final int categId, final int prodId, final int itemId)

throws PetStoreException, DBFWException, DBConnectionException {

List<Item> specificItemList = new ArrayList();

try {

specificItemList = daoTwo.getItem(categId, prodId, itemId);

} catch (DBFWException e) {

throw new DBFWException("No connection");

// TODO Auto-generated catch block

// e.printStackTrace();

}

return specificItemList;

}

//

public int placeOrder(final Cart shoppingCart) throws PetStoreException {

int isPlaced = 0;

isPlaced = (Integer) daoOne.placeOrder(shoppingCart);

return isPlaced;

}

//

public Object getPurchaseDetails(final int orderId) throws DBFWException {

Object purchased = null;

try {

purchased = daoOne.getPurchaseDetails(orderId);

} catch (DBFWException e) {

throw new DBFWException("No connection");

// TODO Auto-generated catch block

// e.printStackTrace();

}

return purchased;

}

public int getOrderId() throws DBFWException {

int orderid = 0;

try {

System.out.println("inside facade");

orderid = daoOne.generateOrderID();

} catch (DBFWException e) {

throw new DBFWException("No connection");

// TODO Auto-generated catch block

// e.printStackTrace();

} catch (PetStoreDAOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

return orderid;

}

public int insertNewOrder(final Cart shoppingCart) throws DBFWException {

// TODO Auto-generated method stub

int isInserted = 0;

try {

isInserted = daoOne.insertNewOrder(shoppingCart);

} catch (DBFWException e) {

throw new DBFWException("No connection");

// TODO Auto-generated catch block

// e.printStackTrace();

}

return isInserted;

}

}

package com.nttdata.petstore.service;

public class PetStoreException extends Exception {

public PetStoreException(Throwable cause) {

super(cause);

// TODO Auto-generated constructor stub

}

public PetStoreException(String message, Throwable cause) {

super(message, cause);

// TODO Auto-generated constructor stub

}

}