package total.store.dao.impl;  
  
import total.store.dao.AuditorDao;  
import total.store.model.Auditor;  
import total.store.util.DbUtil;  
  
import java.sql.Connection;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.text.SimpleDateFormat;  
import java.util.ArrayList;  
import java.util.Date;  
import java.util.List;  
  
public class AuditorDaoImpl implements AuditorDao {  
 @Override  
 public List<Auditor> auditor\_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 审核员表");  
 ps = con.prepareStatement(sb.toString());  
 rs=ps.executeQuery();  
 List<Auditor> auditorList=new ArrayList<>();  
 while(rs.next()) {  
 Auditor auditor = new Auditor();  
 auditor.setAuditorid(Integer.valueOf(rs.getString("编号")));  
 auditor.setAuditorname(rs.getString("姓名"));  
 auditor.setAuditorpwd(rs.getString("密码"));  
 Date date=rs.getDate("入职时间");  
 auditor.setAuditordate(date);  
 auditorList.add(auditor);  
 }  
 return auditorList;  
 } 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 modification(Auditor auditor) {  
 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 审核员表 set 姓名=?,密码=? where 编号=?");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,auditor.getAuditorname());  
 ps.setString(2,auditor.getAuditorpwd());  
 ps.setInt(3,auditor.getAuditorid());  
 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 delete(int id) {  
 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 审核员表 where 编号=?");  
 ps = con.prepareStatement(sb.toString());  
 ps.setInt(1,id);  
 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 add(Auditor auditor) {  
 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();  
 SimpleDateFormat format = new SimpleDateFormat("yyyy-MM-dd");  
 sb.append("insert into 审核员表 values(null,?,?,STR\_TO\_DATE(?,\"%Y-%m-%d\"))");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,auditor.getAuditorname());  
 ps.setString(2,auditor.getAuditorpwd());  
 ps.setString(3,format.format(auditor.getAuditordate()));  
 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<Auditor> search\_auditor\_list(String search) {  
 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 审核员表 where 姓名 like '%"+search+"%'");  
 ps = con.prepareStatement(sb.toString());  
 rs=ps.executeQuery();  
 List<Auditor> auditorList\_search=new ArrayList<>();  
 while(rs.next()) {  
 Auditor auditor=new Auditor();  
 auditor.setAuditorid(Integer.valueOf(rs.getString("编号")));  
 auditor.setAuditorname(rs.getString("姓名"));  
 auditor.setAuditorpwd(rs.getString("密码"));  
 Date date=rs.getDate("入职时间");  
 auditor.setAuditordate(date);  
 auditorList\_search.add(auditor);  
 }  
 return auditorList\_search;  
 } 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<Auditor> search\_auditor\_time\_list(String one, String two) {  
 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();  
 if (one.equals("")){  
 sb.append("select \* from 审核员表 where 入职时间 <= STR\_TO\_DATE(?,\"%Y-%m-%d\")");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,two);  
 }else if(two.equals("")){  
 sb.append("select \* from 审核员表 where 入职时间 >= STR\_TO\_DATE(?,\"%Y-%m-%d\")");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,one);  
 }else if (!one.equals("")&&!two.equals("")){  
 sb.append("select \* from 审核员表 where 入职时间 between STR\_TO\_DATE(?,\"%Y-%m-%d\") and STR\_TO\_DATE(?,\"%Y-%m-%d\")");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,one);  
 ps.setString(2,two);  
 }  
 rs=ps.executeQuery();  
 List<Auditor> auditorList\_search\_time=new ArrayList<>();  
 while(rs.next()) {  
 Auditor auditor=new Auditor();  
 auditor.setAuditorid(Integer.valueOf(rs.getString("编号")));  
 auditor.setAuditorname(rs.getString("姓名"));  
 auditor.setAuditorpwd(rs.getString("密码"));  
 Date date=rs.getDate("入职时间");  
 auditor.setAuditordate(date);  
 auditorList\_search\_time.add(auditor);  
 }  
 return auditorList\_search\_time;  
 } 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 auditor\_login(Auditor auditor) {  
 DbUtil dbUtil = new DbUtil();  
 ResultSet rs = null;  
 PreparedStatement ps = null;  
 Connection con = null;  
 try {  
 con = dbUtil.getCon();  
 if (con == null){  
 return false;  
 }  
 StringBuilder sb = new StringBuilder();  
 sb.append("select \* from 审核员表 where 姓名=? and 密码=?");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,auditor.getAuditorname());  
 ps.setString(2,auditor.getAuditorpwd());  
 rs = ps.executeQuery();  
 while (rs.next()){  
 if (rs.getString("姓名") != null){  
 return true;  
 }  
 }  
 } 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 false;  
 }  
}