package total.store.dao.impl;  
  
import total.store.dao.AdminDao;  
import total.store.model.Admin;  
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 AdminDaoImpl implements AdminDao {  
 @Override  
 public List<Admin> admin\_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 管理员表");  
 ps = con.prepareStatement(sb.toString());  
 rs=ps.executeQuery();  
 List<Admin> adminList=new ArrayList<>();  
 while(rs.next()) {  
 Admin admin=new Admin();  
 admin.setAdminid(Integer.valueOf(rs.getString("编号")));  
 admin.setAdminname(rs.getString("姓名"));  
 admin.setAdminpwd(rs.getString("密码"));  
 Date date=rs.getDate("入职时间");  
 admin.setAdmindate(date);  
 adminList.add(admin);  
 }  
 return adminList;  
 } 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(Admin admin) {  
 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 管理员表 set 姓名=?,密码=? where 编号=?");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,admin.getAdminname());  
 ps.setString(2,admin.getAdminpwd());  
 ps.setInt(3,admin.getAdminid());  
 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 管理员表 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(Admin admin) {  
 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 管理员表 values(null,?,?,STR\_TO\_DATE(?,\"%Y-%m-%d\"))");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,admin.getAdminname());  
 ps.setString(2,admin.getAdminpwd());  
 ps.setString(3,format.format(admin.getAdmindate()));  
 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<Admin> search\_admin\_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 管理员表 where 姓名 like '%"+search+"%'");  
 ps = con.prepareStatement(sb.toString());  
 rs=ps.executeQuery();  
 List<Admin> adminList\_search=new ArrayList<>();  
 while(rs.next()) {  
 Admin admin=new Admin();  
 admin.setAdminid(Integer.valueOf(rs.getString("编号")));  
 admin.setAdminname(rs.getString("姓名"));  
 admin.setAdminpwd(rs.getString("密码"));  
 Date date=rs.getDate("入职时间");  
 admin.setAdmindate(date);  
 adminList\_search.add(admin);  
 }  
 return adminList\_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<Admin> search\_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 管理员表 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 管理员表 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 管理员表 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<Admin> adminList\_search\_time=new ArrayList<>();  
 while(rs.next()) {  
 Admin admin=new Admin();  
 admin.setAdminid(Integer.valueOf(rs.getString("编号")));  
 admin.setAdminname(rs.getString("姓名"));  
 admin.setAdminpwd(rs.getString("密码"));  
 Date date=rs.getDate("入职时间");  
 admin.setAdmindate(date);  
 adminList\_search\_time.add(admin);  
 }  
 return adminList\_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 admin\_login(Admin admin) {  
 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 管理员表 where 姓名=? and 密码=?");  
 ps = con.prepareStatement(sb.toString());  
 ps.setString(1,admin.getAdminname());  
 ps.setString(2,admin.getAdminpwd());  
 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;  
 }  
}