

HospitalsDAO

相似度: 0.51358142

方法名: getHospital

相关需求: UC25

```
try {
    conn = factory.getConnection();
    ps = conn.prepareStatement("SELECT * FROM Hospitals ORDER BY
HospitalName");

    ResultSet rs = ps.executeQuery();
    return hospitalLoader.loadList(rs);
} catch (SQLException e) {
    e.printStackTrace();
    throw new DBException(e);
} finally {
    DBUtil.closeConnection(conn, ps);
}

/**
 * Returns a particular hospital given its ID
 *
 * @param id The String ID of the hospital.
 * @return A HospitalBean representing this hospital.
 * @throws DBException
 */
public HospitalBean getHospital(String id) throws DBException {
    Connection conn = null;
    PreparedStatement ps = null;
    try {
        conn = factory.getConnection();
        ps = conn.prepareStatement("SELECT * FROM Hospitals WHERE
HospitalID = ?");

        ps.setString(1, id);
        ResultSet rs = ps.executeQuery();
        if (rs.next())
            return hospitalLoader.loadSingle(rs);
        return null;
    } catch (SQLException e) {
        e.printStackTrace();
    }
}
```

已验证的与HospitalsDAO
存在相关性的需求



UC25

UC25 View Physician Satisfaction Survey Results Use Case

25.1 Preconditions:

The iTrust user has **authenticated** himself or herself in the iTrust **Medical Records system** (UC3).

25.2 Main Flow:

A user **chooses** to view physician satisfaction survey results. The user provides a zip code [E1] or a **hospital** code and an (optional) physician type (from a pull-down list: see data format 6.2 - general, surgeon, heart specialist, pediatrician, OB/GYN). The patient **is provided with the following for each physician of that type that practices in a zip code** (based upon the **address/zipcode** provided in UC2) that match the first three digits of the provided zip code:

Name
Address
Average **number** of minutes patients wait in waiting room
Average **number** of minutes patients wait in examination room prior to seeing physician
Average office visit satisfaction
Average satisfaction with treatment/information
Percentage of office visits for which satisfaction information is available

25.3 Sub-flows:

None

25.4 Alternative Flows:

[E1] The input is not a valid zip code (see Data Format 6.2). The user is asked to try again.

UpdateHospitalListAction

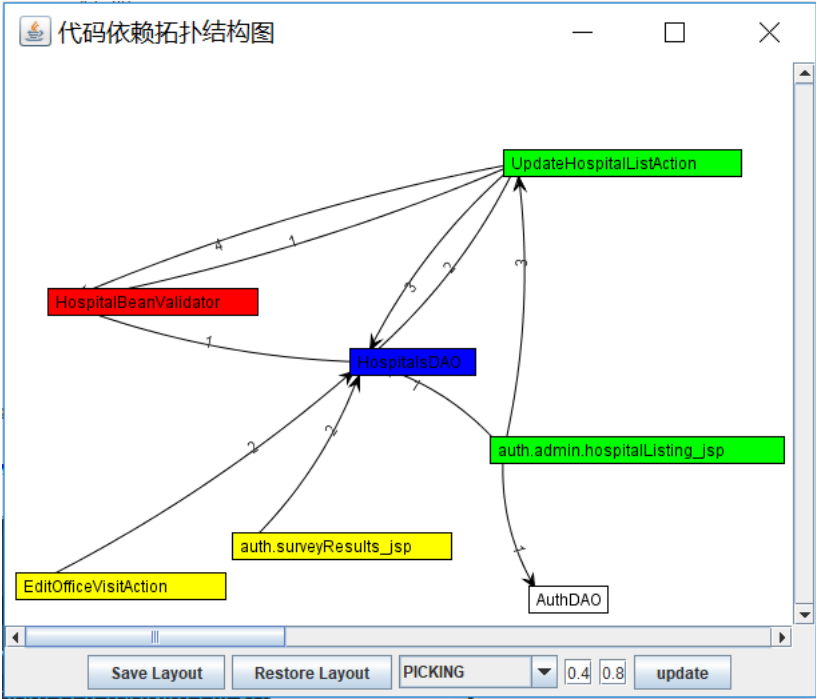
相似度: 0.48482937

方法名: addHospital

```
@author laurenmaynard
*/
public class UpdateHospitalListAction {
    private HospitalsDAO hospDAO;

    /**
     * Set up
     *
     * @param factory The DAOFactory used to create the DAOs used in this action.
     * @param performerID The MID of the person updating the hospitals.
     */
    public UpdateHospitalListAction(DAOFactory factory, long performerID) {
        this.hospDAO = factory.getHospitalsDAO();
    }

    /**
     * Adds a hospital using the HospitalBean passed as a param
     *
     * @param hosp the new hospital listing
     * @return Status message
     * @throws FormValidationException
     */
    public String addHospital(HospitalBean hosp) throws FormValidationException {
        new HospitalBeanValidator().validate(hosp);
        try {
            if (hospDAO.addHospital(hosp)) {
                return "Success: " + hosp.getHospitalID() + " - " +
hosp.getHospitalName() + " added";
            } else
                return "The database has become corrupt. Please contact
the system administrator for assistance.";
        } catch (DBException e) {
            e.printStackTrace();
        }
    }
}
```



HospitalBeanValidate

相似度: 0.54882644

方法名: validate

```
import edu.ncsu.csc.itrust.exception.formvalidationexception;

/**
 * Validates the input for hospital beans, {@link UpdateHospitalListAction}
 *
 * @author Andy
 */
public class HospitalBeanValidator extends BeanValidator<HospitalBean> {
    /**
     * The default constructor.
     */
    public HospitalBeanValidator() {
    }

    /**
     * Performs the act of validating the bean in question, which varies depending on the
     * type of validator. If the validation does not succeed, a {@link
    FormValidationException} is thrown.
     *
     * @param p A bean of the type to be validated.
     */
    @Override
    public void validate(HospitalBean h) throws FormValidationException {
        ErrorList errorList = new ErrorList();
        errorList.addIfNotNull(checkFormat("Hospital ID", h.getHospitalID(),
ValidationFormat.HOSPITAL_ID,
false));
        errorList.addIfNotNull(checkFormat("Hospital Name", h.getHospitalName(),
ValidationFormat.HOSPITAL_NAME, false));
        if (errorList.hasErrors())
            throw new FormValidationException(errorList);
    }
}
```