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package fi.paatti.paattidatabaseutils.dbsevice.querydelegates;

import com.vaadin.data.util.sqlcontainer.RowItem;
import com.vaadin.data.util.sqlcontainer.query.generator.StatementHelper;
import fi.paatti.paattidatabaseutils.names.PaattiColumnNames;
import fi.paatti.paattidatabaseutils.names.PaattiTableNames;
import java.io.Serializable;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

/**
 * Delegate for getting all voluntary events.
 * <p/>
 * @author Lauri Satokangas, lauri.n.satokangas@student.jyu.fi
 * @since 0.0.3
 */
public class VoluntaryEventsDelegate extends PaattiQueryDelegate implements Serializable {

    private static final long serialVersionUID = 1L;
    private final Object userID;

    /**
     * Constructor.
     * <p/>
     * @param userID The id of the user whos events will be searched.
     */
    public VoluntaryEventsDelegate(Object userID) {
        super(PaattiTableNames.EVENT, PaattiColumnNames.EVENT_eventID,
            PaattiColumnNames.getColumnNamesInArray(PaattiTableNames.EVENT));
        this.userID = userID;
    }

    /**
     * {@inheritDoc}
     * <p/>
     * Not in use.
     */
    @Override
    public int storeRow(Connection conn, RowItem row) throws SQLException {
        throw new UnsupportedOperationException("Not supported yet.");
    }

    /**
```

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* {@inheritDoc }
* <p/>
* Not in use.
*/
@Override
protected void setRowValues(PreparedStatement statement, RowItem row) throws SQLException {
    throw new UnsupportedOperationException("Not supported yet.");
}

/**
 * Returns a new StatementHelper containing the SELECT query statement. Gets
 * all the events that have -1 as their eventId (eg. there is no
 * assigned event time), that are assigned to the user and have active row
 * status.
 *
 * @param offset the starting row.
 * @param limit the number of rows to get.
 * @return The StatementHelper containing the SELECT query.
 * @throws UnsupportedOperationException
 */
public StatementHelper getQueryStatement(int offset, int limit) throws UnsupportedOperationException {
    StatementHelper queryHelper = new StatementHelper();
    StringBuilder querySb = new StringBuilder();

    querySb.append("SELECT * FROM " + PaattiTableNames.EVENT);
    querySb.append(" WHERE " + PaattiColumnNames.EVENT_EVENTTIME_eventTimeID + " = '-1'"); // -1 means that there is no eventtime
    assigned to the event, therefore the event is voluntary.
    querySb.append(" AND ").append(PaattiColumnNames.EVENT_rowStatus).append(" = ' "
        + " '");
    querySb.append(" AND ").append(PaattiColumnNames.EVENT_SCHEDULE_scheduleID).append(" IN ");
    querySb.append(" (SELECT ").append(PaattiColumnNames.SCHEDULE_scheduleID).append(" FROM ").append(
        PaattiTableNames.SCHEDULE);
    querySb.append(" LEFT OUTER JOIN (SELECT ").append(PaattiColumnNames.BELONGS_USERGROUP_usergroupID).append(" AS 'userGroupID'
FROM ").append(
        PaattiTableNames.BELONGS);
    querySb.append(" WHERE ").append(PaattiColumnNames.BELONGS_USER_userID).append(" = ").append(userID).append(
        ") BELONGS_UG");
    querySb.append(" ON ").append(PaattiColumnNames.SCHEDULE_USERGROUP_usergroupID).append(" = userGroupID WHERE "
    ).append(PaattiColumnNames.SCHEDULE_USERGROUP_usergroupID).append(
        " = userGroupID ");
    queryHelper.setQueryString(querySb.toString());
    return queryHelper;
}
}

```