RAILWAY CROSSING STATUS:

uses JSP for the frontend, Servlet for the backend, and JDBC for performing CRUD operations on a MySQL database.

Crossing.java (Model class):

DBUtil.java (Database utility class using JDBC):}

Crossing Servlet.java (Servlet for handling CRUD operations):

crossing.jsp (JSP view for displaying the railway crossing information):

```
web.xml (Deployment descriptor for configuring the servlet
    <<DOGy>
<h1>Railway Crossing Status Application</h1>
</body>
```

```
u 1 package com.railway.model;
                                    2
3 public class Crossing {
                                                                                                    private int id;
private String name;
private boolean status;
                                                                                                    // Getters and setters
                                                                                                    public int getId() {
    return id;
                                                                                                    public void setName(String name) {
   this.name = name;
                                                                                              public void setStatus(boolean status) {
   this.status = status;
public static Connection getConnection() throws SQLException {
    return DriverManager.getConnection(DB_URL, DB_USERNAME, DB_PASSWORD);
}
  © edgo = workspace - Rahway Crossing Status process plants pla
                                    2
3*import com.railway.model.Crossing:
                              15

8 WebServlet("/crossings")

17 public class CrossingServlet extends httpServlet {

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18
                                                                              pretented valorititique vielequest request. HipdervielEmesponse response) throws DervielException, IOEacc Listofressispp crossings = new ArrayListo(); Commention connection = multi-described transmit = multi-de
                                                                                         Resultet resulter = none.

ty {
    connection - COPAL, petConnection();
    statement = connection.(restellatement();
    resulter = statement.execute(petg("EEDIT ' HOW crossings");
    while (resulter.exet);
    ist id = resulter.petf("ETIT");
    beckess states = resulter.petf("ETIT");
    beckess states = resulter.petf("ETIT");
    crossing = reser Crossing();
    crossing.setEidit();
                                                                                                       1
                                                                                            protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
   String action = request.getParameter(*action*);
                                                                                                                  private void additossing(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException (
String name = request.getParameter("name");
boolean status = Boolean_pare#Boolean(request.getFarameter("status"));
                                                                                                                  Connection connection = null;
PreparedStatement statement = null;
                                                                                                                  repareosatement statement = null;

try {

    try {

            connection = 100% il.getConnection();

            statement = connection.prepareStatement

            statement.setString(I. name);

            statement.setBoolean();

            statement.setBoolean(
```

```
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```

OUTPUT:





