package proj;

import java.sql.\*;

import jakarta.servlet.\*;

import jakarta.servlet.http.\*;

import java.io.\*;

import java.util.\*;

public class ToYou extends HttpServlet {

private static final long serialVersionUID = 1L;

public ToYou() {

super();

}

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

response.getWriter().append("Served at: ").append(request.getContextPath());

}

@SuppressWarnings("unchecked")

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

Connection conn= null;

ConnectEmp c=new ConnectEmp();

response.setContentType("text/html");

PrintWriter out=response.getWriter();

request.getRequestDispatcher("Chatbot.jsp").include(request, response);

HttpSession session = request.getSession();

String a=(String)session.getAttribute("que");

String s = new String();

String sl = new String();

String uid = (String)session.getAttribute("muid");

String tab = (String)session.getAttribute("tab");

String b = request.getParameter("submit");

ArrayList<String> qp = (ArrayList<String>)session.getAttribute("History q");

ArrayList<String> ap = (ArrayList<String>)session.getAttribute("History a");

qp.add(a);

ap.add(b);

for (int i=0; i<qp.size(); i++) {

out.println(qp.get(i)+"<br>");

out.println(ap.get(i)+"<br><br>");

}

session.setAttribute("History q",qp);

session.setAttribute("History a",ap);

try{

conn = c.connect();

Statement pst=conn.createStatement();

sl = a.concat(b);

ResultSet rs =pst.executeQuery("select ACTION from "+tab+" where QUESTION = '"+sl+"' ");

while(rs.next()){

s = rs.getString(1);

}

char k = s.charAt(0);

String x = s.substring(1);

if(k=='#'){

out.println(x+"<br>");

rs.close();

conn.close();

}

else if(k=='$'){

conn.close();

session.setAttribute("que", x);

response.sendRedirect("Chatbot.jsp");

}

else if(k=='\*'){

String key = "T/";

Random r = new Random();

while(key.length()<=10){

int t = r.nextInt(3)+1;

switch(t){

case 1: char ch = (char)(r.nextInt(26)+65);

key = key + ch;

break;

case 2: char chh = (char)(r.nextInt(26)+97);

key = key + chh;

break;

case 3: int p = r.nextInt(256);

key = key + p;

break;

}

}

if(key.length()>10)

key = key.substring(0,10);

String str = "select \* from "+uid;

Statement stmt = conn.createStatement();

ResultSet rs1 = stmt.executeQuery(str);

int an = 1;

while(rs1.next()){

an++;

}

String send = "insert into "+ uid +" values(?,?,?)";

PreparedStatement pstt = conn.prepareStatement(send);

pstt.setInt(1, an);

pstt.setString(2, key);

pstt.setString(3, "false");

pstt.executeUpdate();

conn.close();

out.println(x+" "+key+"<br>");

}

}

catch(Exception e){out.println(e);out.println(e.getStackTrace()[0].getLineNumber());}

}

}