作业号：JW\_32 得分：

题目要求

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| JW\_32 登录验证  访问任何一个资源之前，都要进行登录验证。如果发现访问者没有请求登录功能，则返回“您没有登录，请登录”  登录功能本身，不能进行登录验证。 |

源程序

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| package cn.edu.sdjzu.xg.bysj.controller.basic.login;  import cn.edu.sdjzu.xg.bysj.domain.User;  import cn.edu.sdjzu.xg.bysj.service.UserService;  import com.alibaba.fastjson.JSON;  import com.alibaba.fastjson.JSONObject;  import javax.servlet.ServletException;  import javax.servlet.annotation.WebServlet;  import javax.servlet.http.HttpServlet;  import javax.servlet.http.HttpServletRequest;  import javax.servlet.http.HttpServletResponse;  import javax.servlet.http.HttpSession;  import java.io.IOException;  import java.sql.SQLException;  import java.util.logging.LogManager;  import java.util.logging.Logger;  @WebServlet("/login")  public class LoginController extends HttpServlet {  @Override  protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  String username = request.getParameter("username");  String password = request.getParameter("password");  JSONObject message = new JSONObject();  try {  User loggedUser = UserService.getInstance().login(username,password);  if (loggedUser!=null) {  message.put("message", "登录成功");  HttpSession session = request.getSession();  session.setMaxInactiveInterval(10 \* 60);  session.setAttribute("currentUser", loggedUser);  response.getWriter().println(message);  return;  }else {  message.put("message", "用户名或密码错误");  }  } catch (SQLException e){  e.printStackTrace();  message.put("message","数据库操作异常");  }catch(Exception e){  e.printStackTrace();  message.put("message","网络异常");  }  response.getWriter().println(message);  }  } |
| package cn.edu.sdjzu.xg.bysj.controller.basic.logout;  import javax.servlet.ServletException;  import javax.servlet.annotation.WebServlet;  import javax.servlet.http.HttpServlet;  import javax.servlet.http.HttpServletRequest;  import javax.servlet.http.HttpServletResponse;  import javax.servlet.http.HttpSession;  import java.io.IOException;  @WebServlet("/logout")  public class LogoutController extends HttpServlet {  @Override  protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException{  HttpSession session = request.getSession();  session.invalidate();  }  } |
| package filter;  import com.alibaba.fastjson.JSONObject;  import javax.servlet.\*;  import javax.servlet.annotation.WebFilter;  import javax.servlet.http.HttpServletRequest;  import javax.servlet.http.HttpSession;  import java.io.IOException;  @WebFilter(filterName = "Filter2",urlPatterns = {"/\*"})  public class Filter2 implements Filter {  public void destroy() {  }  public void doFilter(ServletRequest req, ServletResponse resp, FilterChain chain) throws ServletException, IOException {  System.out.println("Filter 2 - begins");  HttpServletRequest httpServletRequest = (HttpServletRequest)req;  String path= httpServletRequest.getRequestURI();  if (path.contains("/login")){  chain.doFilter(req,resp);  }else {  HttpSession session = httpServletRequest.getSession(false);  JSONObject message = new JSONObject();  if (session == null || session.getAttribute("currentUser") == null) {  message.put("message", "您没有登录，请登录");  resp.getWriter().println(message);  } else {  chain.doFilter(req, resp);  }  }  System.out.println("Filter 3 - ends");  }  public void init(FilterConfig config) throws ServletException {  }  } |

运行结果

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