online shopping project



1. Initial
   1. 1-ServletContextListener
   * public void contextInitialized(ServletContextEvent sce)

UserDao db = new UserDao(); sce.getServletContext().setAttribute("db", db);

* 1. 2-ProductListServlet extends HttpServlet
  + productDao = new ProductDao()
  + doGet

List<Product> allProducts = productDao.getProduct(); request.setAttribute("products", allProducts);

RequestDispatcher requestDispatcher = request.getRequestDispatcher("index.jsp"); requestDispatcher.forward(request, response);

* 1. 3-index.jsp

1. Register
   1. 1-RegisterServlet extends HttpServlet
   * doGet

request.getRequestDispatcher("register.jsp").forward(request, response);

* 1. 2-register.jsp
  + form back to the same url
  1. 3-RegisterServlet extends HttpServlet
  + doPost

if->response.sendRedirect("profile");

else-> request.setAttribute("error\_login", "Email was be used before. Try different one."); request.getRequestDispatcher("register.jsp").forward(request,response);

* 1. 4-Profile
  + 1-ProfileServlet extends HttpServlet

doGet

* + - * request.setAttribute("user", user); RequestDispatcher requestDispatcher = request.getRequestDispatcher("profile.jsp"); requestDispatcher.forward(request, response);
  + 2-profile.jsp

1. login
   1. 1-public class LoginServlet extends HttpServlet
   * doGet

req.getRequestDispatcher("login.jsp").forward(req, resp);

* 1. 2-login.jsp
  2. 3-public class LoginServlet extends HttpServlet
  + doPost

req.getSession().setAttribute("email" , email);resp.sendRedirect("cart")

* 1. 4-CartServlet extends HttpServlet
  + allProducts = productDao.getProduct(); request.setAttribute("products", allProducts); RequestDispatcher requestDispatcher = request.getRequestDispatcher("index.jsp"); requestDispatcher.forward(request, response);

1. index
   1. 1-<a href="product?id=${product.id}">
   * String paramName = "id"; String paramValue = request.getParameter(paramName); Product product = productDao.getProductById(Integer.parseInt(paramValue));
   * request.setAttribute("product", product); RequestDispatcher requestDispatcher = request.getRequestDispatcher("product.jsp"); requestDispatcher.forward(request, response);
   1. 2-product.jsp
2. Logout
3. Order
   1. <a href="shopping-cart?productId=${product.id}" class="btn btn-danger bt active addToCart" role="button" aria-pressed="true">Add order</a>
   * 1-service(HttpServletRequest req, HttpServletResponse resp)

no session have or no session.getAttribute("shoppingCartDao") set

* + - * HttpSession session = req.getSession(true);
      * shoppingCartDao = new ShoppingCartDao();// session null no login or regisration session.setAttribute("shoppingCartDao", shoppingCartDao);

have session and session.getAttribute("shoppingCartDao")

* + - * shoppingCartDao = (ShoppingCartDao) session.getAttribute("shoppingCartDao");
  + $(function(){ $('.addToCart').click(function(){ console.log($(this).attr('href')); $.post($(this).attr('href')).done(function(data){ console.log(data); //it will print the number in the car view $("#num-of-items").text(data); }); return false; }) })

dopost

* + - * shoppingCartDao.addProduct(Integer.parseInt(req.getParameter("productId"))); resp.setContentType("text/plain"); resp.getWriter().write(Integer.toString(shoppingCartDao.getMyCart().size()));
  1. <a href="shopping-cart" class=""> View Order
  + req.setAttribute("myCart", shoppingCartDao.getMyCart()); RequestDispatcher requestDispatcher = req.getRequestDispatcher("shopping-cart.jsp"); requestDispatcher.forward(req, resp);

shopping-cart.jsp

