

ControllerServlet.java

```

1 package controller;
2
3 import java.io.IOException;
19
20 public class ControllerServlet extends HttpServlet {
21
22     private static final long serialVersionUID = 1L;
23     private Map<String, ControllerAction> actions = new HashMap<String,
ControllerAction>();
24     private static final String ACTION_IDENTIFIER = "action";
25
26     public void init() {
27         actions.put("goToHome", new GoToAction("home.jsp"));
28         actions.put("goToCatalog", new GoToAction("catalog.jsp"));
29         actions.put("goToCheckout", new GoToAction("checkout.jsp"));
30
31         actions.put("goToCatalogShowByCategory", new GoToAction
("catalogByCategory.jsp"));
32
33
34         actions.put("goToCatalogShowByNearestDate", new GoToAction
("catalogByNearestDate.jsp"));
35
36         actions.put("goToSeller", new GoToAction("seller.jsp"));
37
38         actions.put("goToPaypal", new GoToAction("paypal.jsp"));
39
40         actions.put("goToPayment", new GoToAction("payment.jsp"));
41
42         actions.put("goToBankSlip", new GoToAction("bankslip.jsp"));
43
44         actions.put("goToResponse", new GoToAction("response.jsp"));
45
46         actions.put("verifyCatalogForm", new VerifyCatalogFormAction());
47         actions.put("verifySellerForm", new VerifySellerFormAction());
48         actions.put("verifyCheckoutForm", new VerifyCheckoutFormAction());
49
50         actions.put("processSellerForm", new ProcessSellerFormAction());
51         actions.put("processCheckoutForm", new ProcessCheckoutFormAction
());
52     }
53
54     public void processAction(HttpServletRequest request,
HttpServletResponse response) throws ServletException, IOException {
55
56         String actionRequestParameter = request.getParameter
(ACTION_IDENTIFIER);
57
58         if (null == actionRequestParameter) {
59             actionRequestParameter = "goToHome";
60         }
61
62         ControllerAction command = (ControllerAction) actions.get

```

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```
(actionRequestParameter);  
63  
64     if (null == command) {  
65         throw new IllegalArgumentException("No command for form action:  
" + actionRequestParameter);  
66     }  
67     command.execute(request, response);  
68 }  
69  
70     public void doPost(HttpServletRequest request, HttpServletResponse  
response) throws ServletException, IOException {  
71         processAction(request, response);  
72     }  
73  
74     public void doGet(HttpServletRequest request, HttpServletResponse  
response) throws ServletException, IOException {  
75         processAction(request, response);  
76     }  
77 }
```