

AuthFilter.java

```
1 package adhoc;
2
3 import java.io.IOException;
4
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16
17
18
19
20
21
22 /**
23  * Servlet Filter implementation class AuthFilter
24  */
25 @WebFilter("/AuthFilter")
26 public class AuthFilter implements Filter {
27
28     /**
29      * Default constructor.
30      */
31     public AuthFilter() {
32         // TODO Auto-generated constructor stub
33     }
34
35     /**
36      * @see Filter#destroy()
37      */
38     public void destroy() {
39         // TODO Auto-generated method stub
40     }
41
42     /**
43      * @see Filter#doFilter(ServletRequest, ServletResponse,
44      * FilterChain)
45      */
46     public void doFilter(ServletRequest request, ServletResponse
47     response, FilterChain chain) throws IOException, ServletException
48     {
49         // TODO Auto-generated method stub
50         HttpServletRequest req = (HttpServletRequest) request;
51         HttpServletResponse resp = (HttpServletResponse) response;
52         HttpSession s = req.getSession();
53         String url = req.getRequestURI();
54         Account user = (Account) s.getAttribute("AUTH");
55
56         String path = url.replaceAll("/eFoods/", "");
57
58         String userName = request.getParameter("name");
59         String username = request.getParameter("user");
60
61         if (!Utils.isValidUser(user)) {
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AuthFilter.java

```
59         if (userName != null && username != null) {
60             user.setName(userName);
61             user.setUsername(username);
62         }
63     }
64
65     if (path.contains("Checkout") || path.contains("Login") ||
66         path.contains("PurchaseOrders") ||
67         req.getParameter("doLogin") != null)
68     {
69         if (!Utils.isValidUser(user)) {
70             if (userName != null && username != null) {
71                 user.setName(userName);
72                 user.setUsername(username);
73             }
74
75             String redirectUrl = "https://www.eecs.yorku.ca/~roumani/servers/auth/oauth.cgi";
76             String params = "?back=" + req.getRequestURL();
77             resp.sendRedirect(redirectUrl + params);
78             return;
79         }
80     }
81
82     showAds(req);
83
84     chain.doFilter(request, response);
85 }
86
87 /**
88  * @see Filter#init(FilterConfig)
89  */
90 public void init(FilterConfig fConfig) throws ServletException
91 {
92     // TODO Auto-generated method stub
93 }
94
95 private static synchronized void showAds(HttpServletRequest req) {
96     String addToCart = req.getParameter("addToCart");
97     HttpSession s = req.getSession();
98
99     if (addToCart != null) {
100         String itemToSellAds = "2002H712";
```

AuthFilter.java

```
100         String onItemShowAds = "1409S413";
101         if (addToCart.equals(onItemShowAds)) {
102             try {
103                 Item adItem =
104                     Model.getInstance().getFood(itemToSellAds);
105                 if (s.getAttribute("adItem") != null) {
106                     s.setAttribute("adItem", adItem);
107                 }
108             } catch (Exception e) {
109                 // TODO Auto-generated catch block
110                 e.printStackTrace();
111             }
112         }
113     }
114 }
115 }
116
```