

CommodityService.java

```

1 package webapplication.rest;
2
3 import java.net.URISyntaxException;
19
20 @Path("/commodityservice")
21 public class CommodityService {
22
23     @Context
24     HttpServletRequest request;
25
26     RaavareDAO dao = new MySQLRaavareDAO();
27
28     @POST
29     @Path("/getcommodities")
30     @Produces(MediaType.APPLICATION_JSON)
31     public List<RaavareDTO> getData() throws DAException {
32         List<RaavareDTO> response = dao.getRaavareList();
33         return response;
34     }
35
36     @POST
37     @Path("/insert")
38     @Consumes("application/x-www-form-urlencoded")
39     public Response addCommodities(
40         @FormParam("commodityname") String commodityName,
41         @FormParam("distributer") String distributer
42     ) throws DAException, URISyntaxException {
43
44         List<RaavareDTO> commodities = dao.getRaavareList();
45         int id = 0;
46
47         for (RaavareDTO com : commodities) {
48             if (com.getRaavareId() >= id) {
49                 id = com.getRaavareId() + 1;
50             }
51         }
52
53         RaavareDTO commodity = new RaavareDTO(id, commodityName, distributer);
54         dao.createRaavare(commodity);
55
56         java.net.URI location = new java.net.URI("../commodity_view.html");
57         return Response.temporaryRedirect(location).build();
58     }
59
60     @POST
61     @Path("/updategetcommodity")
62     @Consumes(MediaType.APPLICATION_JSON)
63     @Produces(MediaType.APPLICATION_JSON)
64     public RaavareDTO updateGetCommodity(IdMapper map) throws URISyntaxException,
        DAException{
65         //System.out.println(map.getContent());
66         return dao.getRaavare(map.getContent());
67     }
68
69     @POST
70     @Path("/update")
71     @Consumes("application/x-www-form-urlencoded")
72     public Response updateCommodity(
73         @FormParam("commodityID") int raavareId,
74         @FormParam("commodityname") String raavareNavn,
75         @FormParam("distributer") String leverandoer
76     ) throws URISyntaxException, DAException{

```

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```
77
78     OperatoerDTO user = (OperatoerDTO) request.getSession().getAttribute("user");
    //Session attribute
79
80     java.net.URI location = new java.net.URI("../");
81
82     for(String adminrole : user.getRoles()){
83         if(adminrole.equals("admin")){
84             RaavareDTO commodity = new RaavareDTO(raavareId, raavareNavn, leverandoer);
85
86             dao.updateRaavare(commodity);
87             location = new java.net.URI("../commodity_view.html");
88         }
89     }
90     return Response.temporaryRedirect(location).build();
91 }
92 }
93
```