

## requestHandler.java

```

1 package org.rmh.tcs.rmh_service.frontend;
2
3 import javax.ws.rs.GET;
10
11 @Path("/rmh")
12 public class requestHandler {
13
14
15     static backend ob;
16     static int count = 0;
17     public requestHandler(){
18         if(count<1)
19         {
20             backend ob1 = new backend();
21             ob = ob1;
22             System.out.println("front constructor");
23             count++;
24         }
25
26     }
27
28     @GET
29     @Path("login/{accno}/{pass}")
30     @Produces(MediaType.APPLICATION_JSON)
31     public String validate(@PathParam("accno") int account_num, @PathParam("pass") String
pass ) {
32
33         String ret = ob.login_back(account_num, pass);
34         if(ret.substring(0, 6).equals("ERROR!"))
35             count=0;
36         return ret;
37     }
38
39
40     @GET
41     @Path("company/{serviceCode}")
42     @Produces(MediaType.APPLICATION_JSON)
43     public String companyList(@PathParam("serviceCode") String serviceCode ) {
44
45
46         String ret = ob.company_back(serviceCode);
47         if(ret.substring(0, 6).equals("ERROR!"))
48             count=0;
49         return ret;
50
51     }
52
53
54     @GET
55     @Path("type/{serviceCode}/{company}")
56     @Produces(MediaType.APPLICATION_JSON)
57     public String type(@PathParam("serviceCode") String serviceCode, @PathParam("company")
String company ) {
58
59
60         String ret = ob.type_back(serviceCode, company);
61         if(ret.substring(0, 6).equals("ERROR!"))
62             count=0;
63         return ret;
64
65     }
66

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67  @GET
68  @Path("type/{serviceCode}") // type service for no company
69  @Produces(MediaType.APPLICATION_JSON)
70  public String type(@PathParam("serviceCode") String serviceCode) {
71
72
73      String ret = ob.type_back(serviceCode);
74      if(ret.substring(0, 6).equals("ERROR!"))
75          count=0;
76      return ret;
77  }
78
79  @GET
80  @Path("vendor/{serviceId}")
81  @Produces(MediaType.APPLICATION_JSON)
82  public String vendor(@PathParam("serviceId") String serviceId) {
83
84
85
86      String ret = ob.vendor_back(serviceId);
87      if((ret.substring(0, 6)).equals("ERROR!"))
88          count=0;
89      return ret;
90  }
91
92  @GET
93  @Path("loan_eligibility/{acono}")
94  @Produces(MediaType.APPLICATION_JSON)
95  public String loan_eligibility(@PathParam("acono") int acono) {
96
97
98      String ret = ob.loan_eligibility_back(acono);
99      if((ret.substring(0, 6)).equals("ERROR!"))
100          count=0;
101      return ret;
102  }
103
104  @GET
105  @Path("insert_loan/{loanID}/{AccountNo}/{totalAmount}/{SID}/{VID}/{BreakUpAmount}/{measureBreakUp}/{date}")
106  @Produces(MediaType.APPLICATION_JSON)
107  public String insert_loan(@PathParam("loanID") String loanID, @PathParam("AccountNo")
    int AccountNo, @PathParam("totalAmount") float totalAmount, @PathParam("SID") String SID,
    @PathParam("VID") String VID, @PathParam("BreakUpAmount") String BreakUpAmount,
    @PathParam("measureBreakUp") String measureBreakUp, @PathParam("date") String date) {
108
109      System.out.println("HIT");
110
111      String ret = ob.insert_loanapplication_back(loanID, AccountNo, totalAmount, SID,
    VID, BreakUpAmount, measureBreakUp, date);
112      if((ret.substring(0, 6)).equals("ERROR!"))
113          count=0;
114      return ret;
115  }
116
117  @GET
118  @Path("final_eligibility/{acono}/{requestedMoney}")
119  @Produces(MediaType.APPLICATION_JSON)
120  public String final_eligibility(@PathParam("acono") int acono,
    @PathParam("requestedMoney") float requestedMoney) {
121
122

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123
124     String ret = ob.final_eligibility_back(accono, requestedMoney);
125     if((ret.substring(0, 6)).equals("ERROR!"))
126         count=0;
127     return ret;
128
129 }
130
131 @GET
132 @Path("ad_cibil/{accno}")
133 @Produces(MediaType.APPLICATION_JSON)
134 public String ad_cibil(@PathParam("accno") int accno) {
135
136
137     String ret = ob.ad_cibil_back(accono);
138     if((ret.substring(0, 6)).equals("ERROR!"))
139         count=0;
140     return ret;
141
142 }
143
144 @GET
145 @Path("vendor_details/{VIDs}")
146 @Produces(MediaType.APPLICATION_JSON)
147 public String vendor_details(@PathParam("VIDs") String VIDs) {
148
149
150     String ret = ob.vendor_details_back(VIDs);
151     if((ret.substring(0, 6)).equals("ERROR!"))
152         count=0;
153     return ret;
154
155 }
156
157 // Some utility service only for debug
158 @GET
159 @Path("delete_loan/{accno}")
160 @Produces(MediaType.APPLICATION_JSON)
161 public String delete_loan(@PathParam("accno") int accno) {
162
163
164     String ret = ob.delete_loan_back(accno);
165     if((ret.substring(0, 6)).equals("ERROR!"))
166         count=0;
167     return ret;
168
169 }
170
171
172 }
173

```