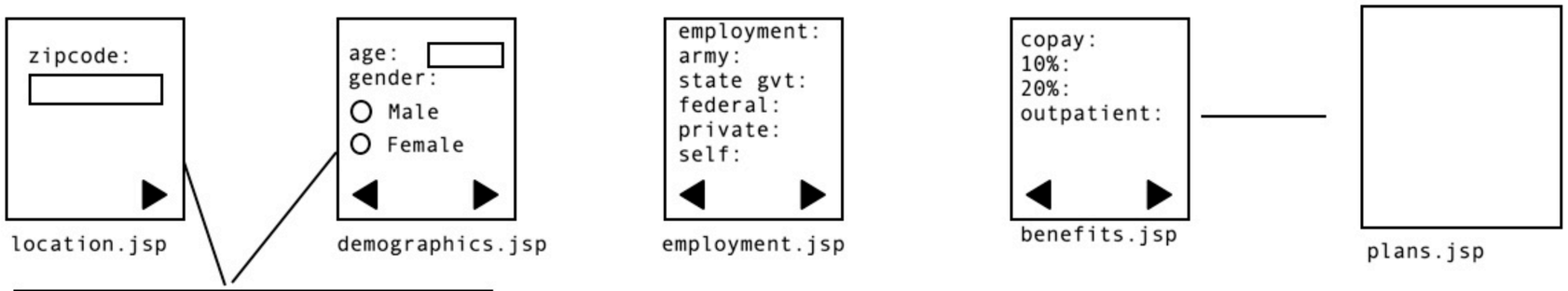
plan-finder wizard/questionaire




```
class LocationServlet
extends HttpServlet {
  void service(httpReq, httpResp) {
    String zipCode =
httpReq.getParameter(“zipCode”);
    req.setAttribute(“zipCode”,
zipCode);
   req.getRequestDispatcher(“/
demographics.jsp”).forward(httpReq,
httpResp);
  }
}
```

```
demographics.jsp
<body>
 <form>
  age: <input type=“text” name=“age”/>
  gender:
  Male: <input type=“radio”
name=“gender” value=“male”/> or
  female: <input type=“radio”
name=“gender” value=“female”/>
  <input type=“hidden” name=“zipCode”
value=“${zipCode}”/>
  <input type=“submit”/>
 </form>
</body>
```

```
class FindPlansServlet extends HttpServlet{
  void service(httpReq, httpResp) {
    // read all the inputs

    if(age >= 0 && age <= 3 && gender.equals(“male”) && zipCode >= 30000 &&
copay == 10 && outPatient == false) {
      // list of plans
    }else if(// combinations) {
    }else if(// combination) {}
  }
}

// business rules
if we are writing the business rules in java class there are problems are there
1. tough to read and understand, since we need to interpret the conditional
expressions to identify which plans will be returned for combinations
2. when there is change in the business rule we need to modify the code in java
class, which might effect other rules
and requires redeployment to make these rules affected

instead implement them using rule engine
1. drools
2. pega rules
```