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1
2 import com.cete.dynamicpdf.Font;
3 import com.cete.dynamicpdf.Page;
4 import com.cete.dynamicpdf.TextAlign;
5 import com.cete.dynamicpdf.merger.MergeDocument;
6 import com.cete.dynamicpdf.pageelements.Label;
7 import java.io.IOException;
8 import javax.servlet.ServletConfig;
9 import javax.servlet.ServletException;
10 import javax.servlet.ServletOutputStream;
11 import javax.servlet.http.HttpServlet;
12 import javax.servlet.http.HttpServletRequest;
13 import javax.servlet.http.HttpServletResponse;
14
15 public class FormFill extends HttpServlet {
16
17     ServletOutputStream sOut;
18
19     public void init(ServletConfig config) throws ServletException {
20         super.init(config);
21     }
22
23     public void doGet(HttpServletRequest req, HttpServletResponse res)
24         throws IOException, ServletException {
25
26         sOut = res.getOutputStream();
27         // Create a document and set it's properties
28         MergeDocument document = new MergeDocument(getServletContext().getRealPath("/pdfs/fw9_13.pdf"));
29         document.setCreator("FormFill.html");
30         document.setAuthor("ceTe Software");
31         document.setTitle("W-9 Form Filler");
32
33         // Get the imported page and set margins.
34         Page page = document.getPages().getPage(0);
35         page.getDimensions().setMargins(41, 35, 45, 37);
36
37         // Uncomment the line below to show a layout grid.
38         // page.getElements().add(new LayoutGrid());
39
40         // Add page elements to the page
41         page.getElements().add(new Label(req.getParameter("name"), 20, 60, 490,
42             12, Font.getCourier(), 9));
43         page.getElements().add(new Label(req.getParameter("businessName"), 20,
44             84, 490, 12, Font.getCourier(), 9));
45         switch (Integer.parseInt(req.getParameter("businessType"))) {
46             case 1:
47                 page.getElements().add(new Label("3", 25, 112, 20, 12,
48                     Font.getZapfDingbats(), 6));
49                 break;
```

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50         case 2:
51             page.getElements().add(new Label("3", 133, 112, 20, 12,
52                 Font.getZapfDingbats(), 6));
53             break;
54         case 3:
55             page.getElements().add(new Label("3", 205, 112, 20, 12,
56                 Font.getZapfDingbats(), 6));
57             break;
58         case 4:
59             page.getElements().add(new Label("3", 277, 112, 20, 12,
60                 Font.getZapfDingbats(), 6));
61             break;
62         case 5:
63             page.getElements().add(new Label("3", 343, 112, 20, 12, Font.getZapfDingbats(), 6));
64             break;
65         case 6:
66             page.getElements().add(new Label("3", 26, 136, 50, 12, Font.getZapfDingbats(), 6));
67             page.getElements().add(new Label(req.getParameter("txtTaxClassification"), 375, 134, 160, 12, Font.getCourier(),
68 9));
69             break;
70         case 7:
71             page.getElements().add(new Label("3", 26, 160, 50, 12, Font.getZapfDingbats(), 6));
72             page.getElements().add(new Label(req.getParameter("businessTypeOther"), 130, 158, 160, 12, Font.getCourier(),
73 9));
74             break;
75             // page.getElements().add(new Label(req.getParameter("businessTypeOther"),
76             //                                     359, 102, 160, 12, Font.getCourier(),
77             //                                     12));
78             // break;
79         }
80         if (req.getParameter("exempt") != null) {
81             page.getElements().add(new Label("3", 474, 130, 50, 12,
82                 Font.getZapfDingbats(), 6));
83         }
84         page.getElements().add(new Label(req.getParameter("address"), 20, 180,
85             300, 12, Font.getCourier(), 9));
86         page.getElements().add(new Label(req.getParameter("address2"), 20, 204,
87             300, 12, Font.getCourier(), 9));
88         page.getElements().add(new Label(req.getParameter("requestersAddress"),
89             350, 180, 170, 36, Font.getCourier(), 9));
90         page.getElements().add(new Label(req.getParameter("accounts"), 20, 228,
91             160, 12, Font.getCourier(), 9));
92
93         String ssn1 = req.getParameter("ssn").trim().replace('-', ' ').replaceAll(" ", "");
94         String ein1 = req.getParameter("ein").trim().replace('-', ' ').replaceAll(" ", "");
95         if (ssn1.length() >= 9) {
96             page.getElements().add(new Label(ssn1.substring(0, 1), 375, 272, 14,
97                 12, Font.getCourier(), 9, TextAlign.CENTER));
98             page.getElements().add(new Label(ssn1.substring(1, 2), 391.4f, 272,
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97         14, 12, Font.getCourier(), 9, TextAlign.CENTER));
98     page.getElements().add(new Label(ssn1.substring(2, 3), 405.8f, 272,
99         14, 12, Font.getCourier(), 9, TextAlign.CENTER));
100    page.getElements().add(new Label(ssn1.substring(3, 4), 433.2f, 272,
101        14, 12, Font.getCourier(), 9, TextAlign.CENTER));
102    page.getElements().add(new Label(ssn1.substring(4, 5), 446.6f, 222,
103        14, 12, Font.getCourier(), 9, TextAlign.CENTER));
104    page.getElements().add(new Label(ssn1.substring(5, 6), 475.4f, 272, 14,
105        12, Font.getCourier(), 9, TextAlign.CENTER));
106    page.getElements().add(new Label(ssn1.substring(6, 7), 490.8f, 272,
107        14, 12, Font.getCourier(), 9, TextAlign.CENTER));
108    page.getElements().add(new Label(ssn1.substring(7, 8), 505.2f, 272,
109        14, 12, Font.getCourier(), 9, TextAlign.CENTER));
110    page.getElements().add(new Label(ssn1.substring(8, 9), 520, 272,
111        14, 12, Font.getCourier(), 9, TextAlign.CENTER));
112    } else if (ein1.length() >= 9) {
113        page.getElements().add(new Label(ein1.substring(0, 1), 376, 320, 14,
114            12, Font.getCourier(), 9, TextAlign.CENTER));
115        page.getElements().add(new Label(ein1.substring(1, 2), 391.4f, 320,
116            14, 12, Font.getCourier(), 9, TextAlign.CENTER));
117        page.getElements().add(new Label(ein1.substring(2, 3), 418.8f, 320,
118            14, 12, Font.getCourier(), 9, TextAlign.CENTER));
119        page.getElements().add(new Label(ein1.substring(3, 4), 433.2f, 320,
120            14, 12, Font.getCourier(), 9, TextAlign.CENTER));
121        page.getElements().add(new Label(ein1.substring(4, 5), 447.6f, 320,
122            14, 12, Font.getCourier(), 9, TextAlign.CENTER));
123        page.getElements().add(new Label(ein1.substring(5, 6), 462, 320, 14,
124            12, Font.getCourier(), 9, TextAlign.CENTER));
125        page.getElements().add(new Label(ein1.substring(6, 7), 476.4f, 320,
126            14, 12, Font.getCourier(), 9, TextAlign.CENTER));
127        page.getElements().add(new Label(ein1.substring(7, 8), 490.8f, 320,
128            14, 12, Font.getCourier(), 9, TextAlign.CENTER));
129        page.getElements().add(new Label(ein1.substring(8, 9), 505.2f, 320,
130            14, 12, Font.getCourier(), 9, TextAlign.CENTER));
131    }
132
133    // Outputs the W-9 to current web page.
134    document.drawToWeb(req, res, sOut, "FormFiller.pdf");
135    sOut.close();
136 }
137 }
```