Project: Complete Digitization of Welding Material Control Log

**Requirements**

1) Complete Access Database to make fully functional as a stand-alone system/program

* Create one form to capture all required fields to generate reports/documents:
  + Printable Weld Material Control Log with or without signatures/approvals
  + Printable Weld Process Report with or without signatures/approvals
  + Electronic review and approval/sign-offs for welding supervision & MPC personnel of the Weld Material Control Log and Weld Process Report
    - Controlled & defined by user table
* Create automated process to email Weld Process Reports for signatures with Docu-Sign
  + Welder and welding supervision personnel
* Automate storage of approved and signed documents for QA and MPC retrieval
* Create input form for 1) Welding Procedures (WMS/MS) 2) Filler Metal Heat & Lot Numbers
  + Create error proofing for inputting correct information (Combo Box)
* Communicate with current Access Reject Ticket database for First Pass Yield (FPY) data
* Create form for reviewing welder continuity inputs
  + Searchable and filter by any, or all of the following:
    - Date Welded, Welder ID (GEMS), Welding Procedure, Heat Number, Serial Number, QAP/SO#

2) RCC-M Welding Material Control Log Option

* Rod Caddie: Number, Thermocouple Temperature, Caddie Temperature

3) Allow for changes to documents by applicable personnel

* Track changes and “Corrected Copy” on the printed report

~~4) Replicate fully functional stand-alone Access database to create Java interface with the same basic requirements and functionality.~~

* ~~Complete FYP interface based on FPY information in the Access Reject Ticket database~~

~~5) Provide Programming Lines of Java Coding~~

6) Provide basic training to Flowserve IT for potential maintenance and troubleshooting

Time script save and send email daily grouped by department.

Add department

Switchboard

Filler transitive table filtered by heat/lot/metal type

MS num, has rev

Clear metal field when going to new log

Find and make corrected copy report

Weld process reports remove duplicates

RCC-M button

Fix weld process report buttons on all weld jobs

Fix enter button on log form

Type of weldment options

SEQ NUM field for weld process report

Heat and lot combo box reversable

Filler usage not showing up properly on weld process report

Heat combo box auto populates when only one

Move timestamp over

Welder Matrix/Continuity list

Scheduled task document

“page one of 2/3 etc”

Add dept to welder matrix for continuity list

“Foreman” = “Supervisor”

Date welded

Error changing the MS#

Docusign API

Envelopes::create

EnvelopeViews::createRecipient

EG001ControllerEmbeddedSigning.java

Returned data after signing:

Event: signing\_complete

State: 123

Remove cust and po

Qualified welder -> welder

Quality plan add

Weld metal ticket

22

Gas 100

Food 240

Baby 60

Clothes 120

Home 40

Misc. Spend-

-haircut 30

-spring clean

Day beds

Rug

Twinkle lights

Couch/comfy cozy seating

Bookcase

Toybox

Rememb3.14