**Performance Improvement – Premium Processing**

As part for the Performance improvement of application for Premium Processing related functionality and EPIC, we will be doing below 2 activities which will help to improve current performance heavy page loading as below –

1. Processing Instruction Landing Page
2. Premium Processing (My Worklist/ Workbasket/ All Cases) Page.

For both of this improvement the approach which we will be following is to make all the data needed for this grid available in respective Database i.e., for Processing Instruction all data should be stored in Premium Processing DB and task related fields all required fields will be stored in BPM DB.

Below are the detailed changes captured for these improvements –

1. **Processing Instruction Landing Page –**

Currently Processing Instruction Landing page is having

1. Processing Instruction ID – PP DB
2. Status – PP DB
3. Insured/Cover Holder Name – ODS DB
4. Inception Date – ODS DB
5. Department and XB Instance Combination – Auth DB
6. GXB Instance – PP DB
7. Process – PP DB
8. Front End Contact – Auth DB (Department ID is stored in PP DB, Department name fetched from Auth DB)
9. Update -This Edit button.

**API Changes -**

1. **premium-processing/instructions –**

This API needs to change instead of calling the ODS and auth service for the required parameters these parameters will be returned by v\_getProcessingDetails view.

1. **For Department and XB Instance Combination –**

This API should be called on login and this information for logged in user should be stored in Redux at client side for easy access.

1. **Premium-processing/saveRiskReferences –**

This API needs modification to store the XB Instance, Inception Date, FEC, Insured/Cover Holder Name while saving the instruction details only lead risk refer parameters needs to be saved.

**DB Changes –**

Adding Below columns in ProcessingInstruction table –

1. Inception Date
2. FEC Name
3. Insured Name/Cover Holder

These same needs to be added v\_GetInstructionDetails

1. **Premium Processing (My Worklist/ Workbasket/ All Cases) Page –**

Currently Premium Processing (My Worklist/ Workbasket/ All Cases) Page is loading are as below –

1. BPM Flag (Reject Pending, Quality Check, RFI etc) – BPM DB
2. Case Created On – BPM DB
3. Risk Ref – BPM DB (Camunda variables)
4. Process – BPM DB
5. Priority – BPM DB (Camunda Variables)
6. Assigned To – Auth DB for Email ID
7. Case ID - BPM DB
8. Inception Date – ODS
9. FEC Name – Premium Processing DB + Auth DB
10. Bordereau Type – Premium Processing DB
11. Facility Type – Premium Processing DB
12. Case Stage – BPM DB (Camunda)
13. Non-Premium – ODS
14. Fee or Amendments – Premium Processing
15. Work Package References - BPM

Additionally, there are some filter columns as below –

1. Department
2. Priority
3. Process
4. Insured
5. Processing Instruction ID
6. PPW/PPC
7. SLA Overdue
8. Inception Date

As part of Generic Task grid solution, it is proposed that we will be reducing the columns and will be loading all the columns from the BPM/Camunda DB, finalized columns are as below –

1. Task ID/Ref - Here we will map Case ID for Premium Processing
2. Created On – This can be taken from the BPM
3. Type – Here we can map BPM Flags or define the task types like native tasks, RFI etc.
4. Task name – This we can take from Camunda and needs to be defined in Camunda.
5. Task Description – This we can take from Camunda and needs to be defined in Camunda.
6. Target Due Date – This logic is already there for SLA calculation.
7. Process Ref – We need to maintain the policy ref against the case , which we are already having as part of Camunda variable.
8. Assigned To – This is already getting maintained in Camunda.
9. Additional Assigned To – This will be NA for Premium Processing
10. Priority – This is already getting maintained in Camunda.
11. Status – Here we need to map the BPM Stage
12. Created By – This is already getting maintained in Camunda.
13. Group – This will be group of users to which he is belonging
14. Division – This is name of Department
15. Process – This is already getting maintained in Case Incident table under Process ID
16. Sub Process – This is already getting maintained in Case Incident table under ProcessTypeID.