

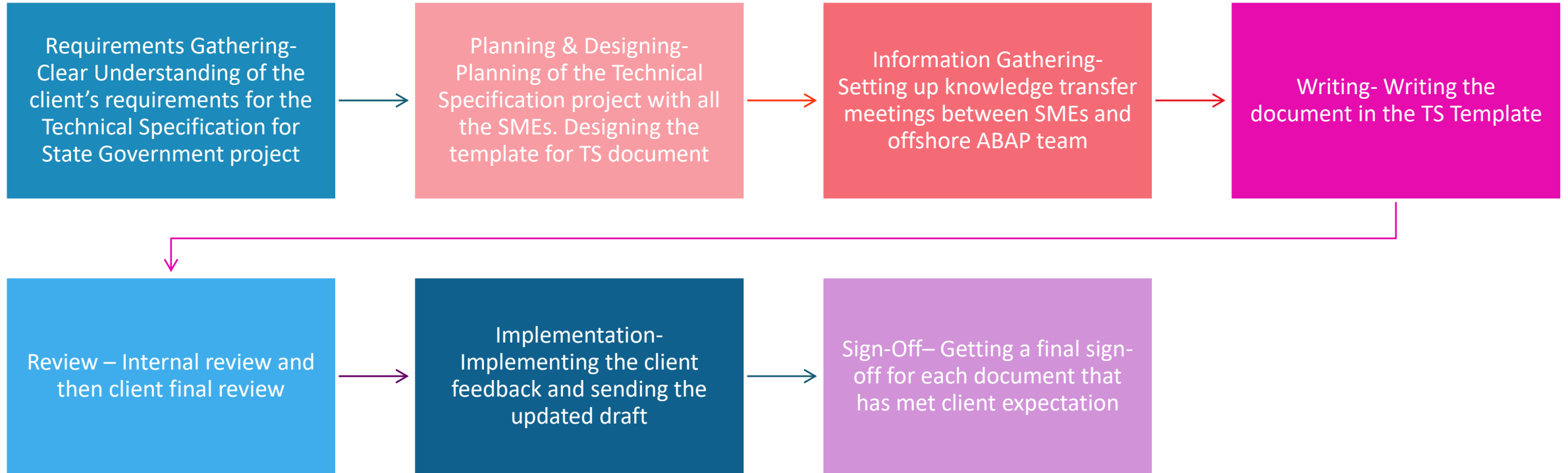


MSTD TS DOCUMENTATION PROJECT



The project scope was initially for 400 objects, which later on exceeded with CRM objects. Total 835 objects were completed at the end of the project with high-quality and by achieving project delivery deadline.

Process Flow Best Practice



Documentation

The Technical Specification document describes the various objects like Function Modules, Tables, Reports, Classes, BADI, BSP components, Webdynpro components and the programmed logic for each object. Here, are the samples of the document below from modules like Refund, Payments and Recovery.

Function Group Name	Description
ZRET_OTH	Other Acts
Function Module Name	Description
Z_RET_OTH_CHECK_FORM_BUNDLE	Form Bundle Creation for Other ACT's

Importing parameter as below –

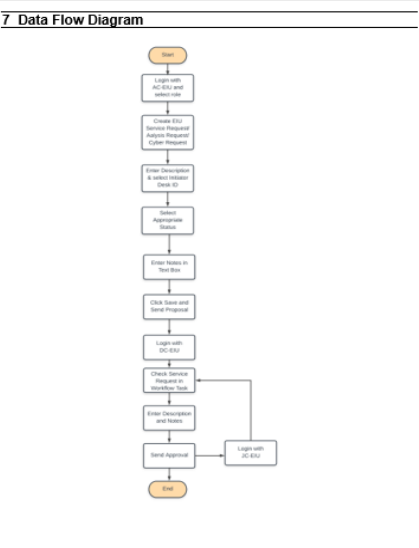
Parameter Name	Type	Associated Type	Default value	Op...	Pa...	Short test	Lo...
REF_ID	TYPE	ZREFID_ID		✓		✓ Reference Specifications from Contract	
PERIOD	TYPE	ZPERIOD_ID		✓		✓ Key for Period Assignment	
ACT	TYPE	CSA004		✓		✓ Act	
FORM	TYPE	CSA004		✓		✓ Form Bundle Type	
PERIOD_FROM	TYPE	DATE		✓		✓ Period From	
PERIOD_TO	TYPE	DATE		✓		✓ Period To	
RET_TYPE	TYPE	CSA001		✓		✓ Return Type	

Exporting parameter as below –

Parameter Name	Type	Associated Type	Pass Val	Short test	Long T
RETMSG_FLAG	TYPE	ZRET_FLAG	✓	✓ Execution Return Flag	
RETMSG01	TYPE	CSA200L	✓	✓ Characterfield 200 with lowercase	
RETMSG02	TYPE	CSA200L	✓	✓ Characterfield 200 with lowercase	
RETMSG03	TYPE	CSA200L	✓	✓ Characterfield 200 with lowercase	

- Processing Logic**
- Get revenue type, Form bundle type from the table Returns -> Acts - Form Master Data where act is equal to importing parameter act of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' and form is equal to importing parameter Form Bundle Type.
 - Call the f.m 'Z_RET_READ_FORM_DATA' by passing the parameters Reference Specifications from Contract, Reference Specifications from Contract, Pass the constant 'TAX_RETURNS' to Form-Based Process importing parameter, Form bundle type which we got from the above table Returns -> Acts - Form Master Data, Period From and Period to to get the Execution Return Flag, Table Type for Uploading Tax Returns and Table Type for Uploading Tax Forms.
 - If the fieldname of the exported Table Type for Uploading Tax Forms is equal to 'A_3_UID' then get that corresponding field value to the local variable 'lv_a_3_uid'.
 - If the importing parameter Period From of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' is initial or space then pass the value of the above Execution Return Flag to the exporting parameter Execution Return Flag of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' and if the Execution Return Flag of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' is equal to 'S' and the return type is equal to the local variable 'lv_a_3_uid' then pass the message 'You have already uploaded a file' to the exporting parameter 'RET_MSG01' of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE'. Pass the message 'Click Yes to upload a new file.' to the exporting parameter 'RET_MSG02' of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' and Pass the message 'Click No to view draft return statement' to the exporting parameter 'RET_MSG03' of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE'.
 - If the importing parameter Period From of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' is initial or space then pass the value of the above Execution Return Flag to the exporting parameter Execution Return Flag of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' and if the Execution Return Flag of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' is equal to 'S' and the return type is equal to the local variable 'lv_a_3_uid' then pass the constant 'S' to the exporting parameter 'RET_MSG01' of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE'.

- If the importing parameter Period From of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' is initial or space then pass the value of the above Execution Return Flag to the exporting parameter Execution Return Flag of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' and if the Execution Return Flag of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' is not equal to 'S' then pass the message 'Please click Yes to upload new file.' to the exporting parameter 'RET_MSG01' of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE'.
- If the importing parameter Period From of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' is not initial or not equal to space and return type is equal to '1' and if the System Status of a Form Bundle of the exported Table Type for Uploading Tax Returns of the f.m 'Z_RET_READ_FORM_DATA' is not equal to 'IP015' then pass the constant 'E' to the exporting parameter Execution Return Flag of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' and pass the message 'Error! Return already Submitted for this date to the exporting parameter 'RET_MSG01' of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE'.
- If the importing parameter Period From of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' is not initial or not equal to space and return type is equal to '1' and if the System Status of a Form Bundle of the exported Table Type for Uploading Tax Returns of the f.m 'Z_RET_READ_FORM_DATA' is not equal to 'IP015' and the return type is equal to the local variable 'lv_a_3_uid' then pass the constant 'S' to the exporting parameter Execution Return Flag of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' and pass the message 'Please click Yes to upload new file.' to the exporting parameter 'RET_MSG01' of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE'.
- If the importing parameter Period From of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' is not initial or not equal to space and return type is equal to '1' and if the System Status of a Form Bundle of the exported Table Type for Uploading Tax Returns of the f.m 'Z_RET_READ_FORM_DATA' doesn't contain any data then pass the constant 'F' to the exporting parameter Execution Return Flag of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' and pass the message 'Please click Yes to upload new file.' to the exporting parameter 'RET_MSG01' of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE'.
- If the importing parameter Period From of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' is not initial or not equal to space and return type is equal to '1' and if the System Status of a Form Bundle of the exported Table Type for Uploading Tax Returns of the f.m 'Z_RET_READ_FORM_DATA' is not equal to 'IP015' then pass the constant 'E' to the exporting parameter Execution Return Flag of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' and pass the message 'Error! Original Return not Submitted for this date to the exporting parameter 'RET_MSG01' of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE'.
- If the importing parameter Period From of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE' is not initial or not equal to space and return type is equal to '1' and if the System Status of a Form Bundle of the exported Table Type for Uploading Tax Returns of the f.m 'Z_RET_READ_FORM_DATA' is equal to 'IP015' and the return type is equal to the local variable 'lv_a_3_uid' then pass the constant 'S' to the exporting parameter Execution Return Flag of the f.m 'Z_RET_OTH_CHECK_FORM_BUNDLE'.



NIIT		Technical Specification ABAP		TS Document	
Development Object ID		Development Object Title			
CREATED BY	CRM CREAT BY	UNAME	CHAR	12	User that Created the Transaction
CHANGED BY	CRM CHANGED BY	UNAME	CHAR	12	Transaction Last Changed By
HAS FILED	CRM BOOLEAN	CRM BOOLEAN	CHAR	1	Logical Variable
RET PERIOD			CHAR	6	Return Period
PERIOD DISP			CHAR	20	Period Display
RET TYPE			CHAR	10	Return Type

Transparent Table ZSHORT FILER LOGS

Short text Short tier data Log

Size category X Display/Maintenance Allowed

Table maintenance allowed X Display/Maintenance Allowed

Table maintenance generation No

Authorization Group

Field Name	Data Element	Domain	Type	Length	Check Table	Key Field	Foreign Key	Description
MANDT	MANDT	MANDT	CLNT	3				Client
CONTRACT OBJECT	ZDR CO	CHAR20	CHAR	20				CONTRACT OBJECT
PERIOD	ZDR PERIODS	CHAR4	CHAR	4				KEY FOR PERIOD ASSIGNMENT
PARTNER	BU PARTNER	BU PARTNER	CHAR	10				Business Partner Number
AEDAT	AEDAT	DATUM	DAT S	8				Last Changed On

Lessons Learned





THANK YOU.