Use Case 1: Lab Testing – Internal

Use Case 2: Lab Testing – External

Use Case 1: Lab Testing – Internal

Prerequisite:

* Call’s status should be “Under Lab Testing” in table T17\_Call\_Register.Call\_Status = ‘U’

**Step 1:**

Barcode Scanning:

The testing sample data will be stored in the table Barcode\_Generation.

The field Barcode is generated based on the following logic.

"NR": A lab identifier.

"23": The year portion, representing the financial year.

"08": The month portion.

"1554": The running number for transactions in that financial year.

Additionally, the running number should reset to "0001" every 1st April of each year.

The Total Rate and GST Amount is calculated based on the following logic.

User selects Discipline, the tests belong to this discipline will be listed with Price/rate. User will enter Qty so the total will be calculated. User can add multiple Discipline and multiple tests.

The calculations are stored in following tables:

LAB\_CAL\_TRAN\_HEADER

LAB\_CAL\_TRAN\_DETAILS

The following masters are referred:

DISCIPLINE\_MASTER

TestTable (Discipline wise, test wise, price)

**Step 2:**

Lab Register Form:

User search Case. The details will be displayed in list. Table T17\_Call\_Register.

User click on Edit button in list.

User will enter the testing amount details.

Sample Registration No will be generated. The logic is as follow:

Region + YY + MM + Running No (4 digits) reset every month

The data insert into following tables:

T50\_LAB\_REGISTER

T51\_LAB\_REGISTER\_DETAIL

**Step 3:**

User will enter details into Sample Testing Information.

User search Case. The details will be displayed in list. Table T17\_Call\_Register.

User click on Edit button in list.

User will fill following fields:

Date of Receipt of Sample

Total Testing Fee (incl of Taxes)

Likely Date of Test Report

Status

Remarks

The following fields will be fetched:

Payment Slip Uploaded By Vendor

Payment Status B Finance (RITES)

User will upload Lab Report once payment is received from Client/Vendor: **(Very Important)**

Upload Lab Report

**Step 4:**

Generate Lab Invoice

User will add multiple Item Desc, Qty, Testing Fee, (IGST, CGST, SGST auto calculate).

The data is saved in following table:

T55\_LAB\_INVOICE

T86\_LAB\_INVOICE\_DETAILS

**Step 5:**

User will go the page Lab Bill Finalization for the Period.

User will select from date and To date. The lab invoices which are between this duration will be displayed (Invoice date is used)

User will tick the lab invoices which need to finalize.

User will click button Update. The selected lab invoices will be finalized.

Update T55\_LAB\_INVOICE table with field Invoice\_dt = system date and Bill\_Finalized = ‘Y’

**Step 6:**

Manual:

User will create excel file for the lab invoices which are finalized and not yet sent to SAP.

SAP will upload these lab invoices on GST Portal.

GST Portal will give response with the IRN\_No, QR\_Code, ACK\_No, ACK\_DT.

SAP will send lab invoices to IBS2 with fields IRN\_No, QR\_Code, ACK\_No, ACK\_DT.

**Step 7:**

User will go the page Generate Lab Invoice.

User will select the registration No.

User will click on Generate invoice button.

This will generate Invoice Report in Crystal. (This can be done only once the IRN\_No, QR\_Code, ACK\_No, ACK\_DT received from SAP).

**Step 8:**

Vendor will go the page Sample Testing Information Page.

Vendor search Case. The details will be displayed in list. Table T17\_Call\_Register.

Vendor click on Edit button in list.

Vendor will enter following fields:

Net Testing Charges Paid

TDS (if any)

UTR No.

UTR Date

Upload Payment Report

The data will be saved in following table:

T110\_Lab\_Doc

**Step 9:**

Lab Sample Payment Received Approve Form

Finance user will go this page.

The payment received details will be displayed which was entered by Vendor.

Finance user will click on select button in list.

Finance user will select Status from drop down. The statuses are Approved and Rejected with Remarks.

The table and field will be updated as below:

T110\_Lab\_Doc.Doc\_Status\_Fin (A, R, P)

**Step 10:**

Sample Testing Information

Lab User will go to page Sample Testing Information.

Lab User will upload Lab Report.

**Step 11:**

Receipt Entry

Lab User will go the page Receipt Entry.

User will click on New.

User will enter Cheque No, Cheque Date, Bank, Amount, Sample No, Account Code (2010, 2212). Case No, BPO, Narration

User can add multiple voucher details.

User will click on Save button. The data will be saved in following tables:

T24\_RV

T25\_RV\_DETAILS

**Step 12:**

User will go TDS Entry Page.

User will search Sample Reg No.

The payment transaction details will be fetched from table T50\_Lab\_Register.

User will enter TDS Amount and TDS Date.

User will click on Save button.

Update the following tables:

T50\_Lab\_Register. TDS and

T50\_Lab\_Register.TDS\_DT

**Step 13:**

Lab Register (Posting)

User will go to the page Lab Register.

User will search using Lab Registration No or Case No.

The List will be displayed.

User will click on Edit button.

The section Lab Payment received against above case no or vendor displayed.

The Transaction details will be displayed.

Cheque No, Cheque Date, Bank, Amount, Suspense Amount, Case No, Remarks

User will select radion button and click on Post Amount button.

The amount is posted in following table.

T52\_LAB\_POSTING

T25\_RV\_DETAILS (will be updated)

UPDATE T25\_RV\_DETAILS

SET AMOUNT\_ADJUSTED = NVL(AMOUNT\_ADJUSTED, 0) + p\_wposting\_amt,

SUSPENSE\_AMT = NVL(SUSPENSE\_AMT, 0) - p\_wposting\_amt

WHERE CHQ\_NO = p\_chq\_no

AND CHQ\_DT = p\_chq\_dt

AND BANK\_CD = p\_bank\_cd;

Update T50\_Lab\_Register.Amount\_Received

UPDATE T50\_LAB\_REGISTER

SET AMOUNT\_RECIEVED = NVL(AMOUNT\_RECIEVED, 0) + p\_wposting\_amt

WHERE SAMPLE\_REG\_NO = p\_sample\_reg\_no;