annexation will be planned on Monday or Tuesday so Surya vahan per Rahenge

ka abhi ka jo automation kiya hai jo bhi 19 services Hai uski recording

first initial usmein UAE manually finding service se related jo bhi chijen

hai vah service Mein explain service service ganda job and Amrita

admission part is going to take care that Surya is taking care of same

process as Edi so I'll just give an overview will give you for Phonics

service how the automation is how can started so I start with ID service

now 10953 812 give you this username password also at the end of the

season you can just login and check Central Hotel so here for catalogue

whatever the products we have uploaded so we can see this catalogue so you

this you can search here product is the number you have with that images

you can just check here to search based on this video so and one more

thing I was just wanted to tell us if you have a check mark checkbox right

so that is not uploaded by automation service this is something manually

and penalty as uploaded so if you for it is automated so you will not

checkbox here so that is one thing you need to make out in your loading

text so whatever the file we upload to PDF so those else you can see

whether it is failed or not a currently we are doing it for HP gs2 so you

can just check maybe I will tell you there this is the warehouse at

specific this warehouse code itself we are uploaded in the so we have

different warehouses Windows Centre created here the currently we are

working on HP GST I think meaning rashmika not run this area so I don't

have data I will get all the files that I'll show you where we are

uploading the price of Central portal ok so service centre take screenshot

update the price and quantity into the vendor Centre schedule right so for

upload listing are ispn so we use this ID service ok that is one thing and

this video Central accepts a specific format of data so that is actually

this is the format of the data full form of format format text file but

the file contents their expect in this format here I think yesterday have

shown you so we have the body after the segment and this is an object so

will have identifier for the 85 so it should be unique ok and for this

object this is the ID to this what is ok and one more thing it is very

important is so this before this object you have this your seniors 38

number right so this number is nothing but the last line of this I mean

just the line number of the previous what is the data we have it is price

we have 3 4. itching line number 38 so the same line number it we should

have in the object ok this we have to maintain it so that we are handling

in the code so these are all static data but from generating from Edi

service ok so to get this data again starting point for a Edi service is

again Bibliography so Bibliography is where all the isp's are being

migrated from the vendor of feed and then it will finally end up into

bibliography and Pana table right from there so will if there is any

updates to specific isps from vendors so the there will be a black in

Bibliography table we are maintaining a flag called is listed series is

stating column so if there is any change to this specific will market has

become so that our India service will know that this particular is pain as

can I change or quality has been changed so we need to pick the subject to

indicate for radii service to know whether it is changed or not so we just

market that is that happens from during the migration itself it will

update this status ok that is the starting point to start service we start

fetching data from bibliography so I will show you that is where the

scheduler and it is we are not calling in API initiatives in schedule so

every night from 12 to 7:00 we are every hour we are running it ok so

because the time will have all the quotations will be will be running

quotations Idea service it a processor or most 1 million 1 million data so

it will be overhead for this service quotation will be generated during

the day time in India is running so we have seen the performance like we

are reduced too much of request so we have decided to schedule we can

handle it in the night time quotations ok so here how much time it takes

to fetch all the determined to completely run this process will not fetch

whole data from Bibliography for processing so what will check so we have

configured also parameters so that let's say if we have in geography

change so for me so I don't want to update all 10 lakh records I just want

to update Just 2 lakh records so we have we have a configuration

parameters for that so if you see the Edi service application so we are

having a service example file the properties files so there we have

configured on the parameters you see here you can see isbm bank account

limit so this is what the total count whatever whatever we wish to process

we can just mention the account let's say if I want to process is one lakh

account process so say if we are having 10 lakh records then which one

lakh record will it process at the time so if you want to run again for

the rest of the 900000 records so how will get to know like from where

that record has stopped and from where we should begin again 1 Tata

schedule so you will know exactly what is happening you just talk me if

you are not getting it ok so here we are just checking the isps for pickup

status see biography stable with whatever the response with status pick up

ok so here just returns the count whether it is 510 lakh whatever it is so

we just get the count the count and we just check if it is the count limit

whatever we have it is the parameter configured parameter if it is less

than the count so will take the whatever we define whatever the how we

have different is less than whatever we have defined so will just take the

count whatever the the return account here so based on that we start the

processing so what was your doubt here so my my point was like if I am

having we are having 10 lakh records to be updated and selected 1 lakh

records so how it will know that which one lakh record to be updated and

what if I want again to run the system for the job again for the rest of

the 9 lakh then from which point 800 so it will take if you have 10 lakh

records of pick up status so it will take to see again we have a query

here so we are ordering updated on so when it wasn't it like all the 10

lakh records the same updated on time and it will be different so it will

be different so what will do so let's say I have processed just 1 lakh now

so I have not the person rest of 9 lakh so since we have scheduler so

every time you again whatever the pending 900000 records is there it will

start next record automatically we don't we can manually Trigger the

scheduler also if at all if you require otherwise scheduler will take care

of the next set of data still I am confused it's like the scheduler runs

every night right yes and the scheduler fetches the values I am assuming

it will be fetching the values for last day updation or something like

that yes third and tonight it will fetch for all the all todays updates

say today came 10 lakh records which were updated and at the night time

when it run I am just fetching 1 lakh record and the 900000 pending from

today's date at 23rd August and once again tomorrow night it will run it

will try to find itself we are running it so that it will just whatever

the first hour it will consider 1 lakh so next next considered and by the

I mean by the time that will be considered for the next day next

considered update ok so date wise is not can you show me that particular

query where it is fetching the updated on yeah this is not passing the

status speaker ok so here again there is one more thing so here at one

shot we are not ok this is the next part so you can with schedule sorry ok

so here which time is it sorry in this project in Asia and Kolkata time

zone and everything is so here we have one more face limit and offset

value so here this two are configured if you see here so this is true same

thing so I'll tell you what why we are using what are the number of so I

will not start processing 1 lakh crore in one shot so again I will have to

I'll just split it up into certain records number of records and

independently I will just start posting those records so first limit say

if it is 1 lakh record here so for me again to update the records in

Bibliography status also I can't update in so if we check it up so again

for updating it will be helpful so that's why we have as we have seen so

it is considering 30000 the max for updating so by this configuration what

it takes is so every it is if it is account is 1 lakh so it will start

thinking by 30000 30000 and remaining 30 30 and remaining 10000 has four

chains ok so each one will have so let's say if first the 30000 record and

then it we have a table called Amazon integration entity this is where we

are maintaining the runs so each chunk will have one record in show that

you make it clear so will have one chunk let's see 30000 will have one

recording Amazon integration table so here we just maintaining all the

data like what is the integration what we forget my information we are

making it bucket name where we are so I'll tell you why we are also

checking the data and this data in we are providing this data to our

feeding this data to our quotation system so that will get the annual

quotations price and quantity let's say will not directly get the price

from DB and will upload into price is what are the vendor is given so we

have to feed into our quotation first and then from quotation whatever we

are getting after applying all the shipping and all other charges so the

final price whatever it landed in quotation so that price we have to

consider for Edi price and then A quantity also it is quantity it doesn't

think we have to consider from creating quotation so we need to feed input

for quotation as per quotation requirement so this actually Western data

from whatever the ESPN and just format the highest one example here so

this is one example so if you see the data from DB and it will just give

it like this so price quality 11111 this is the format quotation request

so just format this and we just upload into just maintaining this in S3

bucket also so all those data will have it in Amazon integration table

where we are loading everything if you see here so here again we are not

just find the query from the IPL so as I told on earlier so were just

through command we are executing so that the SQL post office automatically

export the file whatever the file generated into our given path ok and

that file we are uploading into USB bucket the quotation request we are

passing framing the JSON request ok ok this is actually the to call is we

have to call since I have told you this is the file we have generated as

of now so we have to create a request object also to generate the

quotation so for that initially we have created the but later we have wear

for chewing from the it is being configured in the result if there is any

change from small change we have to stop the server and make the changes

and statistics parameter so if you see this is the same object you use for

quotation when you in the application if you pass create a quotation right

so it will have the same is an object so for a purpose so we have just

having a small event type we have changing that it will become so here it

is area so that way it is we have just constructed the request and this we

just saving that table Ek postings we are saying it here once also once it

is done we have to have started picking up the ice cream so we have to

mark the Bibliography status to pick up so we are maintaining few status

status in Bibliography so I'll tell you one by one so now initiative pick

updated to pick the once it isn't picked up so I'll tell you the next step

so once we have just created the request now so we have to that we have to

put it back to start now we have to start the quotation system that will

be initiated through this investment topic I mean when we put this

messages to enrichment topic this is the quotation request read from the

queue and once the once we push it to rescue so it will just start

consuming and start creating the quotation for that again so here I have

told you we are actually creating a chunks let's say if we have four

chance will have four objects in this table so what will do will just

check will not push the all the four messages in the queue because again

we have to check in the DB whether is there any pending currently existing

pending process is going on or not based on that will just push it

overload the server right ok see we have various checking whether it is

here will get to know my integration table we are making a status for each

record see if you see here so the this record is initially it is in

progress so if there is any status in progress will not push any message

so that will just push it status initially it will be created once we

start making it will go to in progress if there is any if there is no in

progress will just start taking that taking that request and will push it

to SQL SMS topic so here is where the first part is and here so first part

scheduler parties just to create the request and trigger the quotation

quotation generation flow ok so as of now we have done with the scheduler

part so next year next will be the actual part so once the quotation will

is generated so I'll tell you how this already seen this code enrichment

services so once we I just try to correlate with what I am telling now so

this once we push this message to sms so this is actually the same as

backend from back and we are just pushing it instead of in front end you

create quotation here instead of creating just making whatever the front

end request here so quotations in UI will just start getting the parents

you are upload the file and initiate the quotation so here we are I am

doing the same thing but uploading to acid bucket and just pushing it to a

queue and from their engagement service will start picking the q taking

the request object and file and start processing it and it will generate a

quotation ok once it generate a quotation if you see there is no you have

access login contact access we have received but it's like a developer

account account internally in enrichment service it will just once

everything is done when the create quotation is created so it will just

push a message to investment response the same management response is a

final response for Etios if you see we have subscribed here generated the

final output whatever investment is generated so it will just this IPS so

you can just create if I told you want to create any subscription here you

can just create the subscription for respective queue stock topic here so

I will tell you where exactly this generate API is there so this is where

the second part is we will start creating the area of now we have all the

data like price everything so I will come back to so here if you see the

subscriber so we have a subscriber so this is where we receive those that

engagement final output response will get here will get the response here

ok so this is where the starting point So once the message is delivered

here so we start processing that message so it's again ideal just upload

the files into S3 bucket we have all the data here with the message is

whatever reason is notification message will just read the messages

whatever required we just check it ok here is the generator again in

enrichment it will not generate one single file for request it will

generate one they are also there it is followed as chunks regenerate some

based on 5000 maybe it will just get a chance of files one example if you

create any quotation so this is one example for your chance will look like

it like this so it is 41659 if you have multiple choice it will start

select two underscore 1659 it considering the data from the file and I'm

stimulating all the records based on whatever he and one more thing here

it will just give you multiple data all the data will be loaded into this

file and purpose I don't want all this data while creating community I

just pick whatever required fields from here and I'll just load into one

file so for that you can just see here so India column names so these are

all the columns which I am referring from the table I mean from the file

Just here if you want to match some other tables as well other columns as

well for the same material then it has to be we are having index right so

you have to be careful with indexes here in between insert any value and

everything will the order of to read from there and you have to maintain

here is where all the columns which we are referring so we are maintaining

here based on that so we are we are writing into one fight so once you

return this this you just again I will upload the final that will look

like this is what relative file these are all the data and columns I am

referring from there and the data respective data and referring just

copied and capacity into this 85 ok is again it is available in the

history bucket response next parties so now we have the completing so now

we have to see here we have the ispn the next comes the is the price and

is the quality things are the basic requirement for media Final Fight so

will we have all the data now so next next thing I have to check I have to

create start creating the Edi so that is what we will do now so again so

once we have generated the Edi file the status of this integration table

so whatever I show you right the integration table here so the status now

it will move to pick up to it was in progress now it will move to

generated we just generated the Edifice that is the next status ok so now

we have to update the status once we have to updated so will just check

again ok here it is ok so until now so we have done so I am just pushing

one request whatever the flow I told you this is rest with respect to one

of the Edi integration record one record it is executive so in progress to

what so once it is done so we have to Trigger the next lined up in

progressing so for that so until now we have done this video I think so we

have to initiate the next set of in progressing so for that we are again

from here we are again pushing the next set of record so if you see here

again we are just checking whether if there is any in progress in if at

all if there is anything so will not push it so if there is not so take

the created next created one so we just push it again so if you see here

SMS the same engagement topic it is the next set will start taking picking

up for posting ok so this is what here it is the next part is so for the

current record will start generating the edible it is the current Edi file

we have passing and requested is nothing but records ID this is id we are

passing so here we just have two more tables to fill up so here waiting

all the data I'll tell you the next few tables all the table we are again

this read we are just reading all the data from this whatever we have here

so we just read out all the data and then we have the list of IPS whatever

we have we have got so here again this again we are doing check here so

this just enhancement you can say if not is does not support 1 lakh record

in one shot so we can just configure it to be like whatever the configure

maximum size for that purpose we have just check it out so again so just

to keep it as one thing I mean same number so if you see here that we are

keeping it here what where is again I just follow the same structure we

can increase this whatever the file data will have so same it will go with

this check number of files only the number of files created will be

different things based on the 85 ok so next is ok the next but I will tell

you what the DB table this is about integration in table just to have the

request runs ok the next table will be amazed on Edi files Amazon Edi

files this is nothing but one more table we are maintaining to just to

record all the file we have generated rate if you see here so here also so

it is just file nothing much information here so we just having the file

name whatever we are generating this is about the text recorded the final

id file whatever we generate right so we just having the record

information this is the idea file the file and the main identifier I was

showing in the file right so this is maintaining this my identifier for

respective Idea file that is that that's all nothing much here so other

things are statistics we are maintaining the status we are maintaining

generated or submitted like that and one more table we are maintain Idi

transactional data so this table is very important so this is where we

will have one record for each ISBN whatever is when we have pushed to PDI

right so you will have a record into this video transactional data table

so this is where you will have all the information about your ISP and Edi

runs for respective with respect to specific resistance this will have

with respect to video so for this we have to know when it with respect to

what file it is post let's say like this two files have pushed the same I

spent so that case you will not know which file is post here in the radii

so for that purpose we have the Amazon India file id just to understand so

this ITI was pushed from which file that you can map it will be using this

area 580 ok and then if you see this created and this is what the time

which you have this I spent to VDI and this is the highest pean this is

where the price quantity status and calculated price MRP discount remarks

in transaction history transaction history is very important so this is

just an object which have complete history of this object last time what

was the object we have post just to know whether what is the price now we

have posted tomorrow whether it is what is the price if there is any

confusion come here and look into the transition history object and you

can just understand what is what has happened ok these are the two tables

we have to look into whenever you have any doubts or whatever you get any

so and now ok here I will tell you one more I want to tell you one more

important eating so this is where the Idi file creating stats so for each

and every 515 so if there is only one so there is only one for loop will

have only one will start creating the date this is for identify if you

have noticed so we are having the date and time stamp because we have to

have this to be unique at any time any we are maintaining test date and

time so with this creating this and if you see this data we are the same

whatever it is having years so it is generating as per this logic error on

the static data so here is updating the Amazon files data ok so initially

it will be in which state has been created status on the file is generated

and uploaded to server it will operate it to generated and submit it ok so

here there are few things I'll tell you multiple runs so here one example

in Amazon it will not ok you have you will just push one of the ISP and

today with the price of 392 let's say this is the ISP and your post today

the very first time a posted with prices 392.86 ok next day again if you

if you are pushing the same ISP and your price Amazon there is a

restriction in Amazon vendor Central you can't push the same as the price