**Transcript**

July 9, 2025, 2:59PM

 **Jonathan Aulson** 0:18  
Hey, Cesar.

0:21  
Hello.

 **Jonathan Aulson** 0:23  
Hello. So I've got sort of a game plan for today to work on these stories. I appreciate your feedback. That was really I I think what you.  
Wrote in teams makes a lot of sense to me. Um.  
So let me share my screen. I'm starting to kind of try and and split this story apart, but I guess I wanted to also just make sure I'm following along. So this this would be.

 **Cesar Figueroa** 0:55  
Yeah.

 **Jonathan Aulson** 0:59  
The process, an automated process, right, where we're sort of looking in the budget final table every day and when we find a new year's worth of data, we pull that in.  
To the forecast system in some way and then and and I assume it would also need to kind of include the idea that.  
If that data is updated, we, you know, we're we're constant, we're checking it to keep it In Sync. Is that sound sound right to you? OK.

 **Cesar Figueroa** 1:35  
Yes, yes.

 **Jonathan Aulson** 1:39  
So one challenge I have with the story for this is there's not really a front end component that that is obvious here, you know UI kind of element so.  
Can you think of a way we could make this say again?

 **Cesar Figueroa** 2:01  
Test.  
Do you want to know how to test that out or or something like how to evaluate if the the story is successful? That's what you are trying.

 **Jonathan Aulson** 2:12  
That's that's one part of it. The other part is that as a best practice we try to avoid, we we try to make sure the each story connects every horizontal layer of the platform, right? So we want to have something in the UI.  
As a component of the story, just to to connect. It's purely the the pattern we follow, you know, so we don't have to do that, but I'd like to if we can think of a way that makes sense. Is there anything come to mind for you?

 **Cesar Figueroa** 2:43  
Maybe see the results in the PNL view like all the months having the budget data and the forecast data loaded.

 **Jonathan Aulson** 2:54  
Uh, yeah, OK, now, so that makes sense to me. But that would imply, wouldn't that kind of combine these two stories together?

 **Cesar Figueroa** 3:09  
Yes, we can. But we'll be a really big story. Yeah, but we can, sure.

 **Jonathan Aulson** 3:14  
Yeah, So what about something like, what about?  
Uh, what about in the admin side, right? What if we just had?  
Some kind of timestamp or or something that was updated and showed a like a.  
You know, just some indication that data, new data was found. You know what I mean?

 **Cesar Figueroa** 3:48  
Yes, uh, sure. Makes sense.

 **Jonathan Aulson** 3:49  
Thanks.  
OK, OK, maybe. So I'll create a tab here that's just.

 **Cesar Figueroa** 3:53  
Can work, yeah.

 **Jonathan Aulson** 4:02  
Well, maybe see, it's not really job group management though. Yeah, I think it has to be a new tab and it would just say.  
Budget data and it will just have a a a single title budget data and a timestamp and it'll be the timestamp will be updated when new a new value is found.  
In any, in any field that we're we're looking at that that seems like the most minimum we could do.

 **Cesar Figueroa** 4:35  
I.  
I think.  
Yeah, it's the minimum that we can do because I I mean thinking on this we we probably can create a tab to display not only that process like every process that we are running.  
Like when was executed for the last time because we have some data flows that are being triggering every day for example and that would be another one maybe like a history table displaying.  
The rose, the last, the last records that.  
That are in the data flow history refresh table.  
Uh, or something like that. I don't know, but.

 **Jonathan Aulson** 5:31  
Yeah, no, I like this a lot and and we can extend that page. So I think I want to make sure we don't spend time on anything. It's not strictly necessary. So we'll start by just adding this, the first, this, the data, the new data flow.

 **Cesar Figueroa** 5:45  
Yeah, yeah, me.

 **Jonathan Aulson** 5:47  
We can add, we can extend over time the other data flows. We can even add because I know like like we have those alerts now on the on the data flow. So we could like add management for the, you know, for those alerts and stuff like that. So yeah, I love this. OK.

 **Cesar Figueroa** 5:57  
Yes.

 **Jonathan Aulson** 6:04  
Um, so data flow.  
Management.  
Uh, and this is admin panel. OK uh for now.  
Only the what do we want to call this data flow?

 **Cesar Figueroa** 6:27  
Um, baselines, forecast, creator. I don't know.

 **Jonathan Aulson** 6:34  
Baseline forecast.  
Yeah. How about baseline forecast? Let's not overthink it. All right. All right. Maybe baseline forecast. Baseline forecast to me would imply that it's gone through calculation.

 **Cesar Figueroa** 6:42  
OK.  
Pick up relations, yes.

 **Jonathan Aulson** 6:55  
Yeah. So maybe we we call this baseline budget.

 **Cesar Figueroa** 6:57  
OK.

 **Jonathan Aulson** 6:58  
Or our budget retrieval. What makes more sense?

 **Cesar Figueroa** 7:03  
Yeah, makes sense, but you're retrieval this time.

 **Jonathan Aulson** 7:05  
Yeah.  
OK.  
Data flow shows.  
Um.  
So it's going to show the uh  
And.  
Dataflow name, date, no timestamp, timestamp of last.  
Let's run. And then what did you say about the the number of rows or something?

 **Cesar Figueroa** 7:47  
Let me see which data we have in that table.

 **Jonathan Aulson** 7:52  
OK.

 **Cesar Figueroa** 7:53  
Uh, one moment. So this is on.  
Tables.  
Then.  
We have no refresh story. What we have is.  
Name when was created.  
Um.  
When was the last refresh?  
Which is the owner of the data flow and the status.

 **Jonathan Aulson** 8:51  
What? What does status mean?

 **Cesar Figueroa** 8:55  
Let me share. We have the refresh type. It was like one time if it's in terrible days.  
We have a refresh status if it was successful or not.  
We have.  
The start time and the end time to see how much time took.

 **Jonathan Aulson** 9:18  
OK.

 **Cesar Figueroa** 9:23  
Who did the last change in the definition? Who is the owner?  
And the name, that's what we have.

 **Jonathan Aulson** 9:36  
OK. And so would now this data flow is going to retrieve data and put it somewhere, right? And so would we also have?  
Information about that, right? Like how many rows were inserted on that run? Would that be something we could do?

 **Cesar Figueroa** 10:02  
I think so because if you go like.  
Here.  
Maybe not in that table, but maybe in other one. Maybe this serves some time to look because if I go here and.  
And then I go here and then I see the status. I have rows created, rows dated and rows dated.

 **Jonathan Aulson** 10:44  
Uh, perfect. This is this is it. Yeah. OK, rows created, updated, failed error message. OK, so let me just actually a screenshot of this.

 **Cesar Figueroa** 10:47  
So this data should be somewhere.  
I just don't know where.

 **Jonathan Aulson** 11:00  
Well, that's OK. If we, if it turns out later, we can't do that for some reason, fine. But this, this would be excellent if we can. All right. OK, let's see.  
So I'm going to add.  
Data full name date created time stamp of last completed.  
Hello.  
Uh, that was.  
Log completions.  
I don't think we want to show owner.  
And then.  
OK.  
This is refresh history.  
We want the.  
Oh.  
Error message OK.  
So this is gonna, this is gonna be how we see the thing worked and then as far as our database goes, we are going to be.  
Um.  
Is it? Is it that we would pull this budget data in?  
And.  
Store it in in like the same structure like I get. I'm trying to, I'm trying to understand like we're pulling out a budget final, right? Are we putting it in a table that looks just like budget final on our side and then calculating based on that or how? What's this intermediate step look like?

 **Cesar Figueroa** 13:30  
Well, we have the two options we can create, but that's depend where we want the logic. For example, let's let's talk about the two approaches. The first approach can be what you.  
Um.  
OK. The first approach can be take the budget and make it forecast for the entire year cause of that.  
As we are doing forecast daily, we need basically to replicate data daily and that increase a lot of storage. For example for payroll we'll go way beyond than 3 gigabytes. That is basically the tier part of the entire tenant.  
Uh, database for one year.

 **Jonathan Aulson** 14:22  
Yeah.

 **Cesar Figueroa** 14:22  
So that's that's something that we can evaluate, but we'll we'll need investment from the customer. That's one one way to do this. The 2nd way is just replicate monthly.  
That will reduce the amount of data in the year.  
And then create a separate process to use that and perform the calculations in in the other structure that I call the breakdowns, internal revenue breakdown.  
I believe that it's better the second approach than the first approach.

 **Jonathan Aulson** 15:12  
And.  
Um.  
So budget.  
Okay.  
So I'm I'm gonna try and just abstract this. So there's kind of three states that the data we I think we need the data to go through, right? Budget final kind of already exists in EDW.

 **Cesar Figueroa** 15:54  
Is there raw data? OK, yeah.

 **Jonathan Aulson** 15:56  
It's that that's the raw data. We we need some intermediate state and then we have post calculation.

 **Cesar Figueroa** 16:08  
Yes.

 **Jonathan Aulson** 16:09  
OK. And so I'm I'm not sure I caught the nuance of your second option. Could you describe it to me again?

 **Cesar Figueroa** 16:20  
Yeah, instead of replicate at once directly, it's like break down the work. That intermediate state being budget forecast is just.  
Because budget final have a different complete different structure, doesn't have the same rates names, doesn't have the same object. So in budget forecast is already or a structure.  
For the 12 months, but monthly and then.

 **Jonathan Aulson** 16:52  
Uh, OK.  
Yeah.  
OK, so all 12.  
Oh.  
On that data, but.  
Uh, save by one.  
OK, so this guy all two months of budget data.  
Lives in dataverse. Oops.  
Amen.  
Uh.  
Saved by month, not day. OK, that makes sense.

 **Cesar Figueroa** 18:13  
And the other one is.  
The daily forecast.  
Like the baseline forecast, we are storing forecasts as daily.  
You probably can say oh, but it's the same data, not because baseline forecast can change the the person can indeed and the other one not.  
The other one is what we already got from EDW but in our format.

 **Jonathan Aulson** 18:46  
Yeah. And so this is all 12 months of of forecast data. Let's see, has internal revenue.  
And FLC calculated is that this is the right idea here.

 **Cesar Figueroa** 19:13  
No, yeah, that, yeah, I'm, I'm thinking in general revenue and all those concepts outside of budget and forecast.

 **Jonathan Aulson** 19:14  
Not yet.  
OK, so this is all 12 months of budget data.  
And.  
Lives in Dataverse saved at the daily level.

 **Cesar Figueroa** 19:48  
Yeah, maybe we can put here the structure that we are thinking and then we can evaluate if we need to reduce something, right?

 **Jonathan Aulson** 19:57  
Yeah, OK.

 **Cesar Figueroa** 19:58  
Maybe that that's a good step and and I had issues trying to put this in a some sort of way to to make it easier to understand because it's something complicated. So these I'm like I'm thinking on this like or source and then having other.

 **Jonathan Aulson** 20:09  
Yeah.

 **Cesar Figueroa** 20:19  
To a store the calculation outside, for example in general revenue, external revenue and.

 **Jonathan Aulson** 20:49  
Yeah. So then there's kinda.  
Forecast calculations.  
OK.  
Is it? Well, it's not the calculations. This is forecast calculated, right? Like this is the values. Yeah, yeah, OK.

 **Cesar Figueroa** 21:11  
Yes, yes, yeah.  
So.

 **Jonathan Aulson** 21:19  
OK.

 **Cesar Figueroa** 21:20  
And what I'm thinking is in the initial low.  
Um, we will get.  
From budget final to based on forecast.  
And then?  
We will have an ETL process to convert what is in the baseline forecast in in in or calculation like Internal revenue, external revenue, but in those breakdowns because in that way we can.  
Update only the columns that they did, so would be like a massive process to to do the first.  
Operations, but then we will do a small operation when someone did the forecasting in the UI.

 **Jonathan Aulson** 22:09  
Yeah, I like it. Okay.  
Um.  
OK.  
And so then we're saying that.  
This is what we're going to accomplish in.  
And the story that we're working on, is that the idea?

 **Cesar Figueroa** 23:10  
I was thinking on.  
Well, I'm.  
I was thinking on the entire pipeline, but just for the initial load.

 **Jonathan Aulson** 23:26  
Hourly.

 **Cesar Figueroa** 23:31  
Because but you you can say, oh but it's well why we we should have then other story to do the breakdown if the breakdown is already there. Yeah, it's there just for the initial load.  
The other story is for when someone is deep.  
Something in the system.  
Like to recalculate.

 **Jonathan Aulson** 23:53  
OK.  
OK, I see. So, so you when you say the whole pipeline, you're saying that we are gonna do some calculations and and end up with?

 **Cesar Figueroa** 23:58  
OK.

 **Jonathan Aulson** 24:10  
Calculated values over here.

 **Cesar Figueroa** 24:12  
Yes, because the initial also needs to have calculations, right?  
Or go.

 **Jonathan Aulson** 24:19  
Does it? I mean it.

 **Cesar Figueroa** 24:21  
I think that I saw a row if you go to your story.

 **Jonathan Aulson** 24:29  
Yeah.

 **Cesar Figueroa** 24:31  
I think that I saw it, yeah.

 **Jonathan Aulson** 24:36  
Oops, sorry. Yeah. Talking about this, yeah.

 **Cesar Figueroa** 24:38  
Yeah, I saw.  
Those, yes.

 **Jonathan Aulson** 24:46  
Yeah.  
Um, that's true. Yeah, I.  
I could see I. So here's what I thought we were doing. I thought we were going to go.  
Either here or here in this first story and the and then the the admin panel would show that we got this far or or this far like whichever one we you know we pick.

 **Cesar Figueroa** 25:16  
Oh, OK.

 **Jonathan Aulson** 25:20  
And then and then we can have another story to kind of go, you know, from here to here. Does that, do you think that makes sense or OK, OK.

 **Cesar Figueroa** 25:27  
Yeah, makes sense. Yeah, makes sense.

 **Jonathan Aulson** 25:32  
Um, cool.  
OK.  
And so at this point, this is really what the client would call baseline forecast. So maybe we can let's change this verbiage a little bit just so that we don't confuse them.

 **Cesar Figueroa** 25:53  
For your forecast or what?

 **Jonathan Aulson** 25:55  
Yeah, it's like daily, but budget daily, maybe. How's that?

 **Cesar Figueroa** 25:57  
The stage.  
OK.

 **Jonathan Aulson** 26:11  
Um. And then this is gonna be.  
Budget monthly.

 **Cesar Figueroa** 26:20  
But the the border is tricky to me.  
Yes, that budget daily.  
Will change because that's what the UI is reflecting, right? So I don't know if if it's something that we can do like because Christopher mentioned that for him as well, the budget is something that doesn't change is what they already signed for.  
Um.  
So I don't know if it's contradictory called that budget if we will allow edit in the system like the account manager change that.

 **Jonathan Aulson** 27:07  
So, OK, so you're. I see. I didn't realize that. So you're saying this, this stuff is gonna be changed.

 **Cesar Figueroa** 27:07  
Makes sense or?

 **Jonathan Aulson** 27:17  
When the account manager, that makes sense actually. OK, so then I get it. So then budget final, well, let me just undo those in budget forecast, baseline forecast.  
OK, let me think about this baseline forecast.

 **Cesar Figueroa** 27:43  
Or initial or I don't know.

 **Jonathan Aulson** 27:46  
Yeah, this is fine. I I think we'll just 'cause you're right, if this is gonna, if this is gonna be what's edited.  
When an account manager makes updates, then we can't call it budget. I agree.  
OK.  
Uh.  
So this is not budget data anymore. This is all 12 months of forecast data.  
Um.  
No.  
Calculated values.  
OK, thank you.  
Um, so.  
I will finish this and we'll get that story.  
So we've got first story, second story.

 **Cesar Figueroa** 30:22  
OK.

 **Jonathan Aulson** 30:23  
Um.  
Do you still? Do you have more time?

 **Cesar Figueroa** 30:29  
Yes, for you I have all the time.

 **Jonathan Aulson** 30:30  
OK. Thank you. Let's see. So we've got plans for all the way to.  
Now is it? Is this one story? I suppose it is. So this at the at the end of this box we will be here, right?

 **Cesar Figueroa** 30:57  
Yes.

 **Jonathan Aulson** 30:59  
OK, so then the next story I think needs to be.  
The calculations themselves. So let me get a little organization here. OK.

 **Cesar Figueroa** 31:08  
Yes.  
Yeah.

 **Jonathan Aulson** 31:13  
Discover newly available budget data and retrieve it.  
Um, so this is gonna be.  
here.  
And then so user story three is really gonna be.  
It's gonna involve anyways.

 **Cesar Figueroa** 32:14  
The same, yeah.

 **Jonathan Aulson** 32:15  
Um, yeah, the same too.

 **Cesar Figueroa** 32:24  
But in a different moment, right?

 **Jonathan Aulson** 32:25  
Um.  
Right. Yeah. Just kind of a Yeah, exactly. Yeah.  
3.  
Um.  
And then and that will get us to.  
Here. Is that right? Yeah. OK. And is that are we? Is that it? Is that all we're talking about yet? Let me just go back to your chat.

 **Cesar Figueroa** 32:46  
Yep.  
Yeah, what I did in my plan was divide what you did on the store two and three in those calculation that needs that have like complex.  
Operations like Internal Revenue being just one story or external Revenue being all the one because there are some of them that are just but being based the value like insurance parking rents.

 **Jonathan Aulson** 33:24  
Yeah.

 **Cesar Figueroa** 33:25  
So I was like thinking on group those in one and let them other stories for the complex calculation and other ones for the totals, something like that. But I believe that we can do that later and we can start with those three that you define it.

 **Jonathan Aulson** 33:45  
OK.

 **Cesar Figueroa** 33:46  
Because.  
I know that those are bigs, but it's it's like pretty much everything, right?

 **Jonathan Aulson** 33:54  
Yeah, Yep. I think that. I think that makes sense.  
Um.  
OK.  
Cool.  
One question for you.

 **Cesar Figueroa** 34:15  
Yeah.

 **Jonathan Aulson** 34:15  
This this item that you mentioned that everything that falls outside.

 **Cesar Figueroa** 34:21  
Yeah, it's everything that doesn't have a breakdown, for example.

 **Jonathan Aulson** 34:22  
Um.

 **Cesar Figueroa** 34:26  
Uh, insurance does have a breakdown.  
Bing break down the calculations, but but I mean you split it differently. You split it based on stages, first moment to second moment to moment and that's fine.

 **Jonathan Aulson** 34:31  
Uh.  
OK, got it, got it.  
Yeah.  
OK.  
OK. All right.

 **Cesar Figueroa** 34:47  
And that that's easier to understand as well. Then in the tasking we can we can do this plate that I'm trying achieve.

 **Jonathan Aulson** 34:53  
Yeah, OK, that makes sense. Um.  
We think if there's anything else, any other nuance to this story that that we're not capturing.

 **Cesar Figueroa** 35:18  
Oh, there, I believe. Yeah, that's that's something that we need to talk.

 **Jonathan Aulson** 35:19  
Current month.  
Yeah, OK, so.  
I think, yeah, so there's and that's another kind of object in my head, right? Like this is a, so I don't wanna do that.  
This is.  
This is like trend, something like that, this idea of.  
It's it's forecast data to start with.  
It's, you know, it's basically forecast calculated. So it's this at the daily level, but then as actuals, uh, you know are um.  
Uh, are retrieved.  
On a day for day basis and you know down to the well, I suppose.  
Well, yeah, at least, at least at the daily basis, we're replacing a day's worth of data, of forecast data with a day's worth of actual data.  
So what any thoughts on on that? How that might work?

 **Cesar Figueroa** 36:53  
Um.  
Yeah, we can replicate only the current month.  
Uh, every day like what they have because Ashworth came from account summary, right? I believe.

 **Jonathan Aulson** 37:09  
It's actually because it's daily, it's gonna come from Uh revenue daily detail.

 **Cesar Figueroa** 37:17  
OK. So actual will come from revenue daily detail.  
And.  
What we will need to do?  
Is replicate.  
The current month daily and then update the forecast calculator and that's the trend.

 **Jonathan Aulson** 37:45  
Yeah.  
Yeah, yeah. OK. I like it. So this is current month.  
Uh.  
Forecast.  
Calculated.  
Um.  
Oh, uh.  
Daily place moot. Uh.  
Oh.  
OK.  
OK, I think this makes sense.  
Um.  
So.  
That is then.

 **Cesar Figueroa** 39:23  
Ports.

 **Jonathan Aulson** 39:25  
Yeah.  
And I'm kind of looking at it as.  
Uh.  
OK.  
OK.  
So all 12 months of forecast data. Um.  
Calculated values, listen data stored per day.  
and then  
12 months of.  
Budget data. No calculated values. This data was stored per month.  
OK.  
Trend, current month forecast, have the daily replacement forecast with actuals and then I guess there's.  
One other kind of item that we're talking about and that is.  
Uh.  
Forecast calculations. And so this guy is what is this guy? Is he a? Is he power automate? Is he? Is he back end code?

 **Cesar Figueroa** 42:28  
Um.  
That's something that we are defining now because what we are doing today is back in code.

 **Jonathan Aulson** 42:40  
Yeah.

 **Cesar Figueroa** 42:41  
And we can maintain that for the logic when we save.  
But probably we will need to power automate data flows to do the initial though instead of back end code. So probably we will need both. I'm trying to think in ways to avoid that and try to reuse what we already have.  
But I'm not there yet.

 **Jonathan Aulson** 43:04  
Yeah.  
OK, OK, that's and that's fine. We um.  
We are working through it, so this is.  
Uh.  
Logical.  
Business logic.  
Rules and.  
I.  
um code.

 **Cesar Figueroa** 44:21  
Yeah, and the problem with this is that it's difficult to decide because why Power Automate works for billing worse because they are only for users.

 **Jonathan Aulson** 44:36  
Right.

 **Cesar Figueroa** 44:37  
But now.

 **Jonathan Aulson** 44:38  
Oh.

 **Cesar Figueroa** 44:39  
They are 700 and and there is where where we will start seeing concurrency problems, executing flows, you know, that's why that picture doesn't match with me.

 **Jonathan Aulson** 44:44  
No.  
Yeah, mhm.

 **Cesar Figueroa** 44:56  
Um.  
But I also there are some operations that runs without human intervention in data flow, for example to replicate the data and do applica and apply transformations.  
So maybe, maybe it's a combination of of the two approaches, you know?

 **Jonathan Aulson** 45:20  
Yeah.

 **Cesar Figueroa** 45:20  
And but that's the tricky part.

 **Jonathan Aulson** 45:25  
No, that makes sense. Um.  
I know, you know.  
To me, Power Automate seems like that could be a disaster, but it also it also, you know, I know it has it. It also may offer some some advantages because we already have certain things.

 **Cesar Figueroa** 45:39  
Mhm.

 **Jonathan Aulson** 45:51  
Defined there and yeah, so I this is where I'm glad I don't have your job.

 **Cesar Figueroa** 45:51  
Info auto, yeah.  
OK.  
Yeah, that's that's something that I'm taking my time evaluating, reviewing documentation that that's the part that I need to to to to define.

 **Jonathan Aulson** 46:16  
OK, well, this was this was soup. Yeah, go ahead.

 **Cesar Figueroa** 46:17  
Um, probably. Yeah. Go ahead. No, go ahead.

 **Jonathan Aulson** 46:22  
Well, I was just gonna say this is super helpful. I feel like. I feel like now we really have kind of a plan. My gut is that this work is more than a Sprint.  
What do you think? Yeah. Okay.

 **Cesar Figueroa** 46:38  
Yeah, yeah.  
Yeah, maybe the fears.  
2.  
Or maybe three stars in the spring and the next in the second one.

 **Jonathan Aulson** 46:52  
Yeah, that's about, yeah, it's it's two and three. I'm not sure which ones come first, but yeah, um.  
Yeah.  
This is actually these two I think are the smallest maybe stories well.

 **Cesar Figueroa** 47:10  
No, because it's the the calculations, right?

 **Jonathan Aulson** 47:12  
Yeah, yeah, no, I guess that.

 **Cesar Figueroa** 47:14  
And that needs to be, yeah, that needs to be first, then the the part of the.  
Of the creation of forecast calculated. I mean it's it's like the arrow from baseline forecast to forecast completed.

 **Jonathan Aulson** 47:32  
Good point. Yeah. So let's let's make that clear. Let's see. Um.  
It's also oh, and that's the other thing.  
Uh, hang on so.  
It is this arrow and I guess, I guess we're we're sort of saying that the the process where account managers come in and edit, we're going to, we're going to insert that right here.  
In this, in this flow. OK, so we're not having to recreate that that already exists. We're just gonna plug into it.

 **Cesar Figueroa** 48:12  
Yeah.  
Yes, well, well, I'm simplifying because.

 **Jonathan Aulson** 48:23  
OK.  
Yeah.

 **Cesar Figueroa** 48:27  
We have some changes.  
But pretty much the logic is there.

 **Jonathan Aulson** 48:31  
So.  
So that that work right the work to connect.

 **Cesar Figueroa** 48:35  
Yeah.

 **Jonathan Aulson** 48:40  
Uh.  
Well, 'cause we are, 'cause we already have a lot of these as well, right?

 **Cesar Figueroa** 48:47  
Yes.

 **Jonathan Aulson** 48:48  
OK.

 **Cesar Figueroa** 48:50  
The problem? Yeah, go ahead. No, go ahead. Go ahead.

 **Jonathan Aulson** 48:51  
So maybe this story. Yeah, go ahead.  
Well, I I'm thinking just like what what is this user story 5 here? I think it's probably, you know, it's it's connecting these two ideas and it's also connecting kind of up to the existing solution.  
Um, it's kind of making it all work, right?

 **Cesar Figueroa** 49:18  
Yeah, maybe one approach can be.  
Create some sort of service just with the logic of the calculations.  
And then try to plug it that plug in that or in data flow or I mean or call them.  
Um.  
Like receiving the input and the output, the output being the calculation.  
Um.  
But it's something that I'm defining, Jonathan. I don't. I don't have that answer. Yes, I know that is super important, but it's not easy.

 **Jonathan Aulson** 49:55  
There.  
Yeah, no, it makes makes perfect sense. Um.  
So make sure this guy is OK.  
It.  
OK. And then.

 **Cesar Figueroa** 50:43  
Sure.

 **Jonathan Aulson** 50:45  
Actuals to trend.  
There's some kind of relationship.  
Between this guy and these two, yeah.

 **Cesar Figueroa** 50:53  
Yes, because yeah, because the the trend, the the arrow that came from across the trend is also a recalculation. So should call, should call the forecast calculation as well.

 **Jonathan Aulson** 51:08  
Yeah, OK.  
And this guy kind of connects here somewhere.

 **Cesar Figueroa** 51:50  
Yeah.

 **Jonathan Aulson** 52:00  
OK, well, I think, I think I've got the basic idea here. This is a this is a rat's nest of a diagram, but I as long as it makes sense to us, right?  
OK, so I'll get these five story. I think the order of events right would be this one. User Story 2, User Story 302, then four. Oh oh oh, I see. So this is 3.

 **Cesar Figueroa** 52:18  
Yes.  
4.  
Yeah.

 **Jonathan Aulson** 52:37  
And then, yeah, and the difference here, this, this guy is specifically account manager edits. Is that right? Yeah.

 **Cesar Figueroa** 52:37  
And that we came in for.  
Yes.

 **Jonathan Aulson** 52:52  
OK.  
Account manager edits. That is calculations. That is trend. This is.  
Initial initialization.  
It's about retrieving budget. OK, alright, I think I'm clear.

 **Cesar Figueroa** 53:48  
OK, I have a question because we will present this I believe tomorrow to John.

 **Jonathan Aulson** 53:52  
Yeah.

 **Cesar Figueroa** 53:58  
Right.

 **Jonathan Aulson** 53:58  
Uh, yeah, yeah, yep.

 **Cesar Figueroa** 54:03  
So how we want to present this? We can use this diagram. Do you want that I refine a better diagram? I can include the sizes of those squares because I already measure with queries like how many space that will take.  
How many time the replication process can take?  
Um, I can do that in a separate uh format if you want. I'm just done.  
No, which is the correct way.

 **Jonathan Aulson** 54:34  
I think, I think that's a good idea. I I think and I think we might show him both, right? Like because I might talk about the impact to scope and schedule and for that I can kind of speak to this group of like the groupings of work here.  
But when it gets to like the actual structures that we're intending to create, I think, I think we need something more technical. I think you're right.

 **Cesar Figueroa** 55:02  
OK, I will work today bringing like the technical descriptor of this.

 **Jonathan Aulson** 55:08  
OK.

 **Cesar Figueroa** 55:10  
Um, yeah.  
That's it. Anything else that you want to talk?

 **Jonathan Aulson** 55:15  
OK. And now I think that's it.  
Let me think about that for a second. Oh, load testing. That was the other item. So Abhi got back to me. They're gonna bring in a QA architect to to consult.

 **Cesar Figueroa** 55:26  
OK.

 **Jonathan Aulson** 55:37  
And he's going to or they are going to help Gaius.  
Implement the something like the plan we're proposing, you know, and so that's. So I look at that as very positive. I know Gaius reached out this morning and wanted to talk about my plan. I think he sees some problems with it.

 **Cesar Figueroa** 55:51  
OK.

 **Jonathan Aulson** 56:03  
But I think I want, I think I need actually you to kind of come along with me in these conversations to make sure we've got kind of we're covered from from both the.  
Project perspective and the system perspective. Um.

 **Cesar Figueroa** 56:24  
OK.

 **Jonathan Aulson** 56:25  
OK, so I'll probably schedule something for tomorrow morning before stand up for us to meet with Gaius and and maybe if there's other resources available, but at least like Gaius and Pratik just and John to start talking about the plan.  
Does that work? OK, fantastic.

 **Cesar Figueroa** 56:45  
Perfect. It's fine. Yes, it's fine. Yeah. And the notes that I added is like the prerequisite. I don't, I don't feel confident like adding all that load in in for example UAT that is having the same resources than prod node 2, whatever same gateway.

 **Jonathan Aulson** 57:03  
Yeah.

 **Cesar Figueroa** 57:04  
Um.  
The same data that we are showing them in demos, you know, probably this deserves a separate environment which we are pointing to the dev VDW instead of instead of no to something like that.

 **Jonathan Aulson** 57:11  
Yeah.  
Yep, that makes sense. I'm gonna update our agenda for the IT huddle tomorrow and add add this concept to it that you know for for one thing we, you know, it's another reason we need more data gateways.  
Um.  
But yeah, so that's it, 'cause we need to get, we need to make sure that's happening.

 **Cesar Figueroa** 57:51  
OK.

 **Jonathan Aulson** 57:51  
All right. Cool. All right, man. Thank you. Bye.

 **Cesar Figueroa** 57:53  
Thank you. Bye.

 **Jonathan Aulson** stopped transcription