7/31/20

Summary Given by Me

ODK Collect (survey entries) -> Web app (RStudio)

Data                Business logic, data display, notifications

AWS (there are other possibilities but probably the best)

- Managed services "in the cloud"

1. RStudio Connect

- Platform as Service (PaaS)

- managed instance of RStudio Connect by AWS

- publish RStudio Web apps

- configure resources, users, notifications

- Drawback - $$$$ 21K/yr

2. Virtual Machine

- Infrastructure as Service (IaaS)

- Managed instance of basically a comupter (VM)

- Do many of the same things as you could with RStudio Connect but generally more configuration and hard coding required

- Expose the VM to the internet, configure authentication through third party app and manage users

- Drawback - more of a PoC and more coding involved

- reduced cost

- 2K/yr

Both require an up front payment method

Questions:

How long would need to figure out which option is better? Or when we can go to more of a production-type env?

Need to discuss issues with the engineers and the in-country teams?

Concern - Don't want to build something that would have been better suited to a larger system.

Sustainability is the major issue.

- actual data collection processes

- technical capacity going forward

- how long to know??

Focus on 3 countries where they are standing up regional calibration centers.

Goal: They have equipment that comes in to a dedicated space specifically for calib and maintenance on govt property, but...the engineers

may go afield for certain repairs/calibration. Could collect in the field or at centers.

- Nigeria - likely the most motivated partner, and furthest along

- Cameroon - 2

- Ehtiopia - 3

Directions on thought (Theresa):

- Perhaps have a conversation with the engineers and lab web advisors on these

- Show the forms and the web app

- recently had a presentation from lab engineers in Kenya, they have gotten their regional calib center accredited. They have some sort of tool

they've been using. Might be commercial, unclear, but could be something to borrow from.

Me next steps:

- Send survey links (be sure to test first before I send out) - DO SOONER THAN LATER

- Find my documentation on these SOP's for data collection that I made - see how those read – GO AHEAD AND SEND THIS DRAFT

- Think how cost can work possibly with option 2 - MAKE A SUMMARY

- And have contingency for option 1 IF things go well - MAKE A SUMMARY

- Must currently think of any training piece, so I really need to have step by steps when configuring/provisioning

- Try and edit old contract and include any new language as discussed today - GO BACK THROUGH ASAP

**Follow-up Items as of 8/11/20**

~~Follow-up~~

~~Send her an example of an invoice I had previously sent to make sure it's ok~~

~~Send my bank routing and account numbers~~

~~Ask her if I should put all the work we've discussed into this SOW or JUST what I think can~~

~~be done by the end date of this project~~