### STATUS REPORT DATE: 4/13/2023

### CURRENT TECH LEAD: Praveen Sannareddy

# Progress/accomplishments since last check-in

* New Work Item: Refactoring code to streamline process of mapping fields from regular Objects represented as java classes in model package to Data Transfer Objects.
* PI6 planning.
* Writing unit tests for eds-load service. Understanding more about eds-load and how it persists data to Cosmos DB.
* Going over JSON to AVRO conversion.
* Working with Oracle database.
* Continuing to work with Anil on Lookup API to pick up county code description
* Debugging different scenarios (empty provider data, or affiliation where one provider is null).
* I have access to more Dean services now:
  + Task:            VersionOne  
    Checkout:        GitLab ✓  
    Dev:            Java ✓  
    Build:            Gradle ✓  
    Local Server:  
    Push:            GitLab  
    Build:            Jenkins ✓  
    Check Issues:    Sonar Qube ✓  
    Deploy:            UrbanCode ✓  
    Server:            Kuberneties ✓  
    Env:            Devx
* Continuing to work with Benyam for EDS-load work prep.
* Continuing with standups for new team. (2 Standups: Multiple teams (Big10/Orca/H2F), and a singular team standup with SM and PO (Anthony and Jackie) where we discuss progress and work going forward). We also do mid sprint reviews, retros, work agreement review, etc.
* Continuing KT for Kafka, Streams, Java API for new team
  + Table joins, parsing through data, sorting, grouping, converting to JSON format
* Continuing with daily multiple work sessions with Anil, Neelima, and several others etc.
  + Retrieve data, merge data, transformation API, expose RESTful endpoints for access in Cosmos DB. I am in the merge data part of the project to provide java solutions for mapping and putting together info (Address, and other models and service classes using kafka streams to merge data)

# Planned/assigned work moving forward

* New unit tests for eds-load service, take on more development work as needed starting next sprint (next week).

# Bragging Opportunity – share what you’re doing above & beyond

* Shadowing in on more meetings to see what the rest of the team is working on.
* Reviewing diagrams to get a better understanding of the project that Big10 team is working on from Metavance all the way to CosmosDB data persisting.
* Getting into the SQL to understand more about how information is retrieved from metavance.
* Continuing to learn about KStreams including by going over the documentation of the methods and fields associated with it (Interface KStream<K,V> and methods such as flatMap, forEach, etc.) because it is an additional framework built on top of java.

# Roadblocks, Issues, or Concerns

* I had some hiccups with connecting to cosmosDB from intellij but I will resolve this if I can.
* I wanted to install Gradle natively on my system rather than using the wrapper but I don’t have access to changing my environment variables and updating system path. I am currently reaching out to IT to see if I am allowed to change this.

# My Tech Stack – tools I’m using & progress towards proficiency

|  |  |  |  |
| --- | --- | --- | --- |
| Technology | Specific module/area (if applicable) | Proficiency (1-10) 1-newbie 3-still learning  5-good 8-parity w/ peers  10-rockstar | Notes |
| GitLab | Repos | 8 | Got access recently and I’m getting pretty good at navigating the repos on here (a lot of git branches to cover ☺) |
| IntelliJ | Development Environment | 10 | No worries here |
| Apache Kafka / Java | Streams | 6 | Important for understanding the data merge process from tables and the java necessary to achieve that. |
| ADO | Accessing work items | 10 | Parity with peers when it comes to using this now and navigating work items, backlogs, epics, user stories, parent and child tasks. |
| DeanHealth Tools | Jenkins, Kafdrop etc. | 7 | I have familiarity with some of these already but I am learning as quickly as I can |

# Other Goals / Continuing Education

*e.g. Udemy coursework, working independently, communication, networking with peers – discuss Udemy & goal ideas with your Delivery Director*

* Udemy and communication with peers is helping me learn more.
* Anthony and Jacquelyn have really helped me integrate into the team and get started quickly. Andrew Schwaffel has helped with KT as well.

# Upcoming PTO

* N/A

# Questions for your Genesis10 Delivery Director?

***Please save status report file in the following format: LASTNAME\_mmm-dd-yy.doc***

***Submit/email to dev10statusreports@genesis10.com***