Hi All,

Please note the points discussed during the end to end demo of Registration Client for features developed until Sprint 7.

Kindly add on/update as required.

***Date:***

28 Jan 2019

***Participants***:

Anadi, Ramesh, Krishnan, Shrikant, Shravan, Romila, Gayathri, Karthik, Omsaieswar, Akshaya, Vivek, Ragavendran, Leona, Resham, Gita, Lalana, Nagashree, Lingam, Narender, Technoforte Team

***Document(s) Referred***:

1. For Demo: *Enclosed deck <* *Sprint 7 Reg Client Demo.pptx> and UI in QA Environment*
2. For Technical Review: *GitHub*
3. For Testing Status: *JIRA – Zephyr*

***Client feedback:***

***Ramesh***

Thanks for the well run demo today. It show cased the work done so far. Look forward to getting the visual designs in place soon.

 here are my notes from the registration client demo today.

 1. Windows deployment. Is TPM accessible to docker container? To be checked with Sasi.

2. How do we give a package that works on windows and linux? How do we handle the device driver issues for scanner?

3. Mock implementations to be built for external dependencies and these can be testing artifacts.

4. History option in the screen is confusing. Do we need it?

5. Mock VDM and Auth SDK interfaces with Mocks to be prioritized. Discussion with Shravan on DM, VDM confusion (if any).

6. Data sync - How are incremental updates being handled. We should not end up with a situation where the registration client is in a faulty state.

7. Is there a client preparation stage (like there was for USB preparation), where some instance specific configuration is added, considering a downloadable windows client / docker image.

8. Some stories from future sprints and backlog to be removed. These were identified in the meeting.

9. How does the registration client library deal with id document changes? Ideally it should not be impact and should deal with the data as key-value pairs. UI can be specifically customized for fields added or removed.

10. Testing to focus on the following. Automated testing: P1 - REST API tests, P2 - Registration Client Library Tests, P3 - Smoke tests using TestFx of UI (to be done after visual design changes are implemented). Manual testing: Functional testing of UI and usability testing.

11. Test coverage to be improved to look numerous additional scenarios based on state, master data, versions, configuration et al. Krishan please elaborate.

12. CRs will be analyzed by Anadi over the next couple of days.

13. Multi-language support issue will be discussed and clear final decisions will be taken soon. Action item on MOSIP.

 Anadi, Krishnan, Shrikant,

 Please add to this from your notes.

 Regards,

Ramesh

***Action Items*:**

1. *Demo: Karthik/Omsai*
   1. The client application will most likely not be run under Administrator privileges. Ensure that this does not cause any issues.
   2. *Biometric capture:* 
      1. Anadi to push to get the devices by the end of January - *Anadi*.
      2. Ramesh has downloaded the SDKs (~a few GB of data). Mindtree to reach out to him to get the SDKs.
   3. *Packet Upload*:
      1. Packet ID sync should happen if client is online during reg. submission, and during both the sync process and manual upload.
   4. *Sync*:
      1. How do we maintain the versions? Answer: As long as the structure of the master data remains same, this will not be a challenge. Client sends a request to server along with the last updated date. The server responds with all the changes since that date.
      2. Version history of the master data should be maintained.
      3. Ensure we restrict deletions of master data.
      4. If the structure of master data changes (e.g. if a new field ‘Taluka’ is introduced) it should go as a version upgrade of the client itself. Before doing a client upgrade the country should ensure that all data from client to server is synced.
      5. The Sync History page should show the status of packet upload success or failure.
2. *Technical Review: Karthik/Omsai*
   1. User details in database vs LDAP – User is always authenticated in local db. Before consuming any REST service the user detail would be passed to server to get the token, which would internally make LDAP call to validate the user id and password. The same token would be used for subsequent REST call.
   2. Document Scanner driver SANE not supported in windows – Need to use the ‘TWAIN’ driver for Windows.
   3. Configuration operation – Configuration would be regularly synced with the server config. So any changes in the server config would reflect in the client.
   4. Design for VDM looks ok - no major review changes - can get started with dummy/mock VDM. Waiting for input from Ramesh, whether we can go with direct VDM approach or we have to create ‘DM’ as well as per Aadhaar - *Ramesh*.
3. *Testing*: *Ragav/Leona*
   1. Test strategy for reg client needs to be in place.
   2. UI testing should be of lower priority - automation should be prioritized.
   3. Test coverage of scenarios should be deeper.
   4. Bugs should be logged to the Sprint.
4. *Pending Backlog*: - *Vivek/Akshaya*
   1. Create user stories for On/Off configuration of each process e.g. Supervisor authentication of biometric exceptions.
   2. Delete the following Jira IDs as they seem to be duplicates of functionality already developed: MOS-1220 (demo data capture), MOS-1239 (sync packet IDs), MOS-1312 (security NFR), MOS-8328 (biometric login), MOS-12185 (mode of login), MOS-12186 (fingerprint capture), MOS-12187 (fingerprint ranking).
   3. Mark as change request: MOS-12999 (addl. exception photos and docs).
   4. Mark as non-MVP: MOS-13522 (live photo).
   5. Integration with VDM should be a separate JIRA story.
   6. Integration with SDK should be separate stories.
   7. Create separate stories for the mock and the actual devices.
   8. Anadi to go through the rest of the CRs and provide feedback - *Anadi*.