**Africa Development Team Monthly Report for April 2020**

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| Accomplishments |
| 1. Improved the performance of Finance Dashboard cronjob. The cronjob was utilizing lots of resources in that it was running for more than 1 hour. The current cronjob runs in 2 minutes time. 2. Create a OneDrive cold backup storage for Toolkit uploads for allow manually archiving old uploads as per the organization standards. All bank statements, photos and medical claim receipts have been backed up. 3. Restored Toolkit and LMS instances after being affected by unplanned downtime following infrastructure failure. 4. Completed the authentication (with logic) and goal setting (without logic) features in the Youth Development Mobile App 5. Met with Safaricom to discuss on the possibility of adopting AWS infrastructure for Africa Solutions. Infrastructure requirements were sent to the vendor. 6. Deactivated Africa Staff Recognition user notifications as per customer request 7. Conducted a meeting with KE Program team selected SMEs to discuss the way forward for the adoption of Service Now for FCPs 8. Began testing Version 2.0 Toolkit on Linux based server machine. 9. Completed a demo with the ILD team by UG and TZ training team on the use of LMS (Challenges and Progress) 10. Moved the Google Console for LMS authentication keys from a personal google account to an organization’s account. All LMS instances were updated. |
| Challenges |
| 1. We are currently unable to test the version 2.0 toolkit code in AWS since the POC process is yet to be done. 2. There is still a loading performance with the Finance Dashboard attributed to the high number of JavaScript and CSS file requests that are to be made when the dashboard loads thus affecting the loading speed of the dashboard. 3. We transferred the Toolkit Uploads backup to OneDrive manually and we are still looking at getting a OneDrive API to handle this transfer. This is a workaround before we get into AWS. |
| Progress on Previous Month’s Challenges |
| 1. Version 1.0 Toolkit is still not operating as per the set continuous development and integration process. Code deployment is still being done manually – The Dev Team has planned for a Downtime in PI7.4 to implement the deployment of code via Git. 2. ISpring content library happens to be locked for several options and research is on to find out the cause. National Offices can’t access the locked options – We were able to reach the affected countries and taken them through on how to access locked resources in ISpring. The process requires a login credential to ISpring account, and a generic account was created for all users. |
| Progress Metrics |
| 1. Sprint Goal Success - 96% (Time of completed Stories / Planned Estimate time) 2. Uptime    1. Version 1.0 Toolkit – 66% (116.5 hours / 176 working hours)    2. LMS (All Instances) - 100% 3. Tickets logged - 5 4. Tickets Resolved - 5 |
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