|  | Goals and Objectives | What worked well | What Didn't Work | Plan for Improvement |
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| Day 1 | 1. The goal was to focus on project delivery for the LHSS CrossBorder Module. 2. The objective was to develop a digital platform that integrates health data systems across border regions, enabling the exchange of patient information, tracking of health services, and coordination of care for mobile and migrant populations. | * Orientation and familiarization into the LHSS project. * Familiarization of tools and technology stack | * Time balance between orientation and transition to tasks was not enough * Development environment challenges during setup of tools | * The team can prepare well by having relevant environments setup prior to hacking sessions * Balance to be created whereby the team members can focus on purely hackathon activities without the interruption of other activities such as sync meetings which overlap with the sessions. |
| Day 2 | 1. The goal was to deliver the PSS Insights project and address critical bugs to enhance the application's functionality and user experience. 2. Fix priority tasks and critical bugs, ensuring a stable and issue-free application. | * Bug triage and prioritization were conducted, categorizing identified bugs based on severity and impact. * Critical bugs that significantly affected the application's functionality, stability, or user experience were prioritized. * Utilizing the JIRA ticketing system helped manage and assign tickets efficiently. * The engineering team made progress in fixing the time-bound bugs. * Team work spirit and collaboration on tasks | * Triaged bugs didn’t fit in the allocated time frame | Continuous testing and quality assurance measures can be implemented to ensure the developed features and fix bugs function as intended.  The team can focus on resolving critical bugs within the allocated time frame. |
| Day 3 | 1. The goal was to ensure that team members have a clear understanding of Extended KenyaEMR, including its features, functionalities, setup, and installation process. 2. The other goal was to resolve the reported bugs in KenyaEMR within the timeframe of the hackathon, ensuring that the final module is bug-free. | * The development team continued working on the bugs and resolved most of the reported issues. * The team started working on the cross border reports after a brief introduction to the reporting module by Ken. The team was mainly working on the SQL scripts. * The QA team gave timely feedback on both LHSS & PSS projects. * Team familiarization and appreciation of KenyaEMR | * We were not able to resolve all the bugs in both projects. | * Build capacity in openmrs report development. |
| Day 4 |  | * Crossborder referral report & crossborder screening report | * Difficulties in getting the correct data. * Difficulties integrating the cross-border procedures with KenyaEMR | * More research and development is required towards understanding the OpenMRS stack. |
| Day 5 |  | * Crossborder indicator report for referral. * We reviewed the previous day’s work with Nicholas and made some edits/modifications, hence addressing the challenges experienced on day 4. | No difficulties reported | * More practice is required to build internal capacity on the OpenMRS |