



Call for Applications: Hackathon for Telehealth Digital Tool Development

Overview

The Ministry of Health in partnership with UNFPA are excited to announce a call for applications to be part of a hackathon aimed at developing an innovative telehealth digital system (web-based with a mobile application) to enhance the healthcare system, acting as a functional bridging tool between health centers and hospitals. As a way to reduce the preventable maternal mortalities, the tool will serve as a way to increase the access to comprehensive safe abortion services. This hackathon is open to everyone, emphasizing on young innovators. It will bring together developers, designers, innovators and healthcare professionals to create a home grown digital solution supporting the enhancement of the health and lives of Rwandans. The sole intellectual property of the developed product/solution will remain under the Ministry of Health of Rwanda.

Event Details

Date: 31 July-09 August 2024

Location: Norrsken, Kigali City

Application Deadline: 19th July 2024

Challenges

The product is a telehealth tool to be used for safe abortion service delivery at health centre level, facilitating the implementation and collection of evidence to inform policymakers on a nation-wide scale up of telehealth concepts towards improving sexual and reproductive health services (see the Terms of Reference). Innovators will work on developing **an almost finished product** addressing at least 2 of the following challenges:

1. Remote consultations: the product must include functionalities that accommodate virtual consultations between nurses at health centres and doctors at a district hospital. This can be via chat, video call or voice call, with recordings and exportation functions.
2. Health Monitoring: the product must include functions that allows uploading and sharing of patient demographics, images and other relevant attachments to make an informed consultation
3. Data management: the product should allow for generation and exportation of reports, by health facilities, hospitals and a third-party institution
4. Data security and privacy: the product must implement a complex high level security feature and algorithm to ensure data security and privacy

Hackathon Mode

Well-rounded innovator teams of 3-5 members will be given an opportunity to work for 8 days to create a digital solution addressing the challenges and incorporating the required functional and non-functional requirements. Applicants who apply individually will be strategically teamed up with other individual applicants based on the proposal submitted from the application. Innovator teams are allowed to work remotely during the hackathon, but are encouraged to use the physical space for a coordinated development plan.

Who should apply?

We welcome applications from developers and programmers, designers, healthcare professionals, innovators and start-up entrepreneurs with a passion for improving healthcare through digital interventions. The [Terms of Reference](#) provide a clear profile of recommended applicants.

Awards

1st Prize: USD 8000, including additional support to complete the product

2nd Prize: USD 4500

3rd Prize: USD 2000

All hackathon participants will receive certificates of participation, mentorship as well as an opportunity for networking and collaboration with the Ministry of Health, Rwanda Biomedical Center and other health experts.

How to Apply

Interested teams or individuals can apply by sending a proposal, not more than 2 pages, to digital.Innovation@moh.gov.rw, outlining the functional and non-functional requirements of the product within the [Terms of Reference](#), with emphasis on how the product addresses the challenges mentioned above. Applications should be submitted by **19 July 2024**. Only shortlisted applicants will take part in the hackathon.

Shortlisting and Judging Criteria

Submissions will be shortlisted to 6 finalist groups who will take part in the physical hackathon based on:

- Innovation- originality and creativity of the idea
- Impact- potential to improve reproductive and maternal healthcare access and delivery in Rwandan communities
- Feasibility- practicality and scalability of the digital solution
- Design- user experience and interface design

Contact us

For more information or any queries, please contact us at:

Email: digital.Innovation@moh.gov.rw