

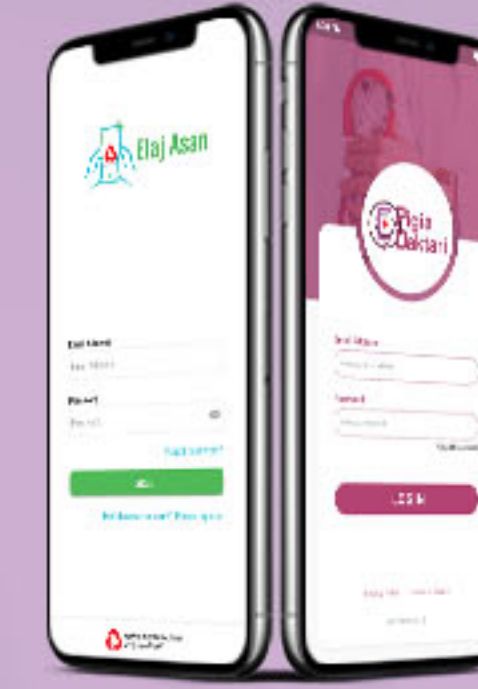
Objective 1:

CoronaCheck: To explore the effectiveness of a mobile application in the early detection of the novel coronavirus disease, contact tracing, ensuring appropriate physical distancing, and the provision of gender-based violence support for high-risk populations, including women and girls, refugees and internally-displaced persons (IDPs).



Objective 2:

VirtualDoc: To assess the effectiveness of a telemedicine mobile application in reducing health facility burden by facilitating non-urgent remote care for isolated communities, elderly patients, and women and girls who face particular challenges in accessing health services.



Objective 3:

Personal Protective Equipment Mobile Application (PPEMA): To understand the effectiveness of a mobile application in increasing awareness and improving practices related to the use of personal protective equipment (PPE) among health care workers.



Objective 4:

To integrate these digital health innovations in health systems, and forge and maintain strong partnerships with local and national health authorities.



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COVID-19 Innovation Research Project (CIRP)

Planned Activities and Achievements: Year 1



Ongoing virtual meetings with government stakeholders, local care providers, and non-profit organizations



Develop research methodology



Develop quantitative & qualitative data collection tools



Conduct gender assessment



Acquire ethical approval from ethics committees & Institutional review boards or relevant government authorities



Data collection

CoronaCheck Application



Develop, customize, & promote app



Implement application in Afghanistan, Kenya, Pakistan, Syria, Tajikistan & Tanzania



Conduct mapping and engagement with SGBV service providers



Ongoing consultations, troubleshooting and update application based on feedback

VirtualDoc Application



Develop, customize, and promote app



Implement app in Kenya and Tanzania



Develop training material and conduct training of health care providers and hospital administrators



Implement app in Pakistan



Ongoing consultations, troubleshooting and update application based on feedback

PPEMA



Conduct systematic review on PPE best practice guidelines & alternative PPE in resource-constrained environments



Design and develop app



Develop content for app



Ongoing consultations, troubleshooting and update application based on feedback



Implement app in Afghanistan, Kenya, Pakistan, Tajikistan & Tanzania

= Completed = In progress

Contribution to SDGs:



by reducing impact of COVID-19 on existing health systems and improving access to health care



by ensuring quality and credible information is disseminated



by integrating health information systems within existing health structures



by improving access to quality health care in vulnerable populations



by establishing and maintaining public-private partnerships (PPP)

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