REUNITE

Project Proposal

Problem being addressed

In refugee camps, NGOs have challenges distributing funds/help from well wishers to the refugees and keeping track of all the refugees per camp which has led to improper planning of the NGOs operations. Refugees have a challenge of keeping track of their relatives and friends because of displacements that usually happen.

Proposed solution

The mobile and web application will be designed for the NGOs and refugees that enable refugees to be registered thus easily cater for distribution of funds from well wishers. This application will also enable the NGOs to upload pictures of the refugees that lost their loved ones for easy identification by other refugees.

Relevance to community

The application will help different refugees to reunite with their lost family members and friends in a community. It will also be beneficial to the NGOs to keep track of refugees per camp and fund distribution process thus leading to proper planning.

Innovativeness

Introduction of prepaid procurement cards.

In normal circumstances, the refugee camp caretakers procure items required by the residents of the camp based on general needs. Some funds may be allocated to family heads who procure for their family members. They however face issues of misplacing or losing the money during rampant unplanned movements. To overcome this, Reunite introduces a procurement card on which the NGO deposits a certain amount of donation funds on each of the cards that is kept by the family head. The NGO then partners with a resource owner for example a big supermarket or hotel at a given discount so that the refugees can procure their needs by just swiping the card and receiving receipts for their balance. They are free to withdraw the money from our agents that will have stalls within the camps and around the country at large without being deducted any charges at all.

Objectives

- To eliminate the usage of cash by refugees in camps since they may not even possess phones to receive mobile money payments and yet they still can't create accounts in Ugandan banks without National IDs.
- To create a middle-man platform between donators/ well-wishers and the recipients ie the refugees.
- To help people in disaster-stricken areas find their loved ones after the happenings.

- To protect and restore family links and protect the dignity of the dead.
- To ensure that the needs of missing people's families are addressed.

Description of methods to be used

Prepaid Card payments

Payment cards are part of a payment system issued by financial institutions to a customer that enables its owner (the cardholder) to make payments by electronic acc transfer and access to our agents.

Posts : announcements that embrace the " TELL A FRIEND TO TELL A FRIEND MECHANISM"

Outcomes/impact/outreach

The platform shall reconnect separated families and address the issue of missing persons.It will prevent family separation and disappearance by collecting and transmitting information as a neutral intermediary.

Also, the platform will be such a huge milestone towards the growth of both the financial technology industry and the relief community.

Dissemination plan

The mobile and web application will be pitched to different NGOs across Africa.

Scalability

The mobile application shall be able to handle an increasing number of users. Also the prepaid cards shall be customized to the need of the camp management or NGOs so as to accommodate an increasing number of refugee camps across Africa.

Environmental / Ethical considerations & Sustainability

The prepaid cards shall be made out of recyclable material so as to protect our environment from possible dangers of plastic. We shall partner with recycler companies so as to control the whole process.

Gender considerations

Reunite aims at helping both male and female groups of refugees to handle their finances and also general users to find their missing loved ones.

Workplan (up to 01 year)

Steps	Tasks	Deliverables	Time
1. Strategy	❖ Identify app users ❖ Research the competition ❖ Establish the product's goals and objective ❖ Select mobile platform for our product and its modules	Goals and objectives	1 month
2. Analysis and planning	❖ Capturing functional requirements ❖ Prepare a product roadmap ❖ Define our Minimum Viable Product (MVP) to prioritize ❖ Identify needed skills and allocate tasks ❖ Select app name	Functional Requirements App name	1 month
3. UI/UX Design	❖ Determine the data your mobile app will display to the users, the data it will collect, user interactions with the finished product, and the user journeys within the app ❖ Design wireframes ❖ Create a style guide ❖ Design mockups ❖ Produce prototypes.	Wireframes Style guide Mockups Prototype	1 month
4. Product Development	● define the technical architecture, ● pick a technology stack, and ● define the development milestones ● Determine the required hardware	Backend/Server technology API Mobile App Development	4 months
5. Testing	Performing thorough quality assurance (QA)	User experience testing Functional testing Performance testing Security testing Device and platform testing Deployment and testing	2 months

Detailed budget (up to 01 year)

Feature	Budget
Labor	**$300**
Publish app to Android's Google Play	**$ 25**
Resources	**$ 300**
Future expansion & recurring revenue	**$100**
Risk Assessment	**$100**
Total	**$ 834**

Team composition

Name	Course	Role
NAJJUMA DIANA	Software Engineering	UI/UX Design / Team Lead
AWORI VIVIAN MARIA	Software Engineering	Documentation
LWANGA AKSAM	Software Engineering	Software Development
DALI HILARY	Software Engineering	Embedded Systems development
DR. STEVEN ODONGO	Senior Lecturer/ Staff	Mentorship (Guidance)