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Mobile Public Health Monitoring and Tracking Systems

Guyana
Jason Tonks
Budget:
$10,000 - $50,000

🔴 SHARE

- Health care
- Health education
- HIV/AIDS
- Globalization
- Infrastructure
- Technology
- Sustainability

Project Summary

Elevator Pitch

Concise Summary: Help us pitch this solution! Provide an explanation within 3-4 short sentences.

Develop a mobile health information system for health care providers to unify patient data and develop health trends and assist the local health agency in providing better quality care.

About Project

Problem: What problem is this project trying to address?

The biggest problem that we see in developing nations is there are so many patients per practitioner. This causes major delay in seeking medical attention and can lead to more serious health concerns and possibly even death. Also, the lack of information and communication often leads to redundant tests or wasted time in identifying health concerns. We will develop solutions to unify health information using existing technology and help strengthen the health outcome with valid data and help make the patient data more readily available and provide more quality time for the patient.

About You

Section 1: You

First Name

Jason

Last Name

Tonks

Website URL

http://www.meetup.com/unitedhealthmanagement

**Organization
Country**

, VA

Section 2: Your Organization

**Organization Name
Organization Phone**

617-595-6654

Organization Address

5751 Ralston Ct. Woodbridge, VA 22193

Organization Country

, VA

Your idea

Country and state your work focuses on
Website URL

http://www.meetup.com/unitedhealthmanagement

Innovation

What makes your idea unique?

Our solution is different because it is not a single purpose solution, it is a modular data and systems framework and works as a foundation product to develop other health information systems to integrate which will help eliminate redundant information and maintain a unified record for all patient information

Do you have a patent for this idea?

Impact

What impact have you had?

Our organization is in the initial stages and comprises of 24 members who have come together for this common purpose. All the members are volunteers and have expertise in international development, application programming, medical practitioners and business executives. As a group we have not achieved any impact as we have just formally been organized, however, individually we have accomplished many achievements in the development of Health Care around the world such as implementing Pharmaceutical supply chain mechanisms for forign health ministries.

Actions

The action plan to make this project a success is to develop strategic partnerships with the Ministry of Health in our pilot country, private and public health professional support, negotiated partnerships with local Telecommunication companies and direct project purchasing control. These are all business essential steps in ensuring that the end products will be viable and deploy-able. We will ensure this is documented and turned into procedural steps so that efforts can be replicated to new locations as others buy in to this technique. A solution like this can become cost effective is a short time and provide local jobs such as deployment specialists, IT professionals, epidemiologists, contract specialists and communications.

Results

The result we expect is to deliver mobile electronic patient tools to help record and identify patient data and compile the regional data into usable data to help deliver supplies, service or pharmaceuticals to places with greatest need and calculated impact.

What will it take for your project to be successful over the next three years? Please address each year separately, if possible.

1st Year we need to develop partnerships with foreign health agencies and solicit funding that will allow us to travel to the locations, learn the local processes for health care and talk about ways to enhance health delivery. Develop the Information Warehouse, Develop the client application and Mobil Client, Procure mobile devices and deliver the health system

2nd Year Develop Key Health Indicators with foreign agency, develop health models connected to live warehouse data and Develop Training modules to allow local staff to maintain this system. The product will also be extended to include new locations and strategies on replication of efforts so we can scale out to include other countries and health organizations.

3rd Year We will develop a Certification procedure for our product and formalize a campaign promoting this product as a tested solution that can be customized and replicated.

What would prevent your project from being a success?

Working on a product and solution as detailed and complex as this one has many potential pitfalls such as funding, country buy-in. This project must rely on innovation and contingency planning to avoid major hurtles that can impact the project.

How many people will your project serve annually?

More than 10,000

What is the average monthly household income in your target community, in US Dollars?

$100   1000

Does your project seek to have an impact on public policy?

Yes

Sustainability

What stage is your project in?

Idea phase

In what country?

, DM

Is your initiative connected to an established organization?

If yes, provide organization name.
How long has this organization been operating?

Less than a year

Does your organization have a Board of Directors or an Advisory Board?

Yes

Does your organization have any non-monetary partnerships with NGOs?

No

Does your organization have any non-monetary partnerships with businesses?

No

Does your organization have any non-monetary partnerships with government?

No

Please tell us more about how these partnerships are critical to the success of your innovation.

We are currently working towards establishing strategic partnerships that will allow our products and services to be deployable and serviceable at a lower cost.

What are the three most important actions needed to grow your initiative or organization?

1. Fund raising
2. Strong leadership and engineering support
3. Provide unique technology solutions

---The Story---

What was the defining moment that led you to this innovation?

I have worked in the international health field for many years developing single purpose solutions and have seen opportunities to enhance infrastructural systems and consolidate vital data and deliver accurate and real time data to solve epidemic health issues faster and more reliably to health officials and clinical workers.

Tell us about the social innovator behind this idea.

I am an Information Technology manager and solutions developer who has spend the last 16 years working for Public Health agencies in the US and around the world. I am 35, married and live in Woodbridge, Virginia. I have interests in computers and private aviation and a recreational pilot in light helicopters. I enjoy traveling and have been to many exciting places around the world including many developing nations.

How did you first hear about Changemakers?

Web Search (e.g., Google or Yahoo)

If through another, please provide the name of the organization or company

50 words or fewer

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