Project Name	Maternity Telemedia		2020			Project Manager/Owner Manager Mobil		1 (715) 596-099		
Dates Star	irt d		2020			Manager E-Mail		eljackm@gmail.co		
Project Budget (USD)				13	0,000	Your Country of Residence:	w	lisconsin, United S	tates	
Project Sponsors		med Omer (Su	ıdan NextG	ien)		Impacted City/Cities	10 small tow	ns in Sudan to be d		
NextGen Project URL	https://sudannextge	n.com/project/matern	ity-telemedicine/			Project Team Members		Mohamed Ome	r	
				Objec	tives - C	Outputs - Outcomes				
	we need this Project?)			Р	roject Outp	uts		Project Outcome	ಜ	
ortality ratio for Sudan is	provided by the "World Dat s 295 deaths per 100,000 li timated most of these deat	ve births (compared	Diagnosing cong			00 patients per week	Reduction of perinatal mortality and Reducing healthcare inequality by ut	perinatal morbidit lizing new techno	y by 30% logies and innovation	
ventable causes, such a	as: hemorrhage, severe high	blood pressure, and					Deploying and implementing teleme	dicine solutions & 1	Technologies	
lages. The mobile ultras lages to a trained doctor	to be carried around Sudai sound devices will streamlin r stationed in a regional hos iustainable Development Gi	ese towns and e the ultrasound pital. Our initiative					in Sudan that can be applied to other Provide extra income to midwives an relocating doctors			
I help fulfill the WHO So fucing the global materr	ustainable Development G nal mortality ratio to less th	oals/Target of an 70) https://www.					Telocateing doctors			
					Deteile	d Information				
text under this head	ding should translated the	e solution: approac	h strategy above	into the work	we will do t	d Information through the project, while in the	e table below, describe the planned	intervention of	the project and exp	lain why
e project entails havin	ng portable Ultrasound p	obes attached to a l	aptop with a soft	tware capable o	f running pr	regnancy ultrasonography and to	ansmitting the images through the that a Telemedicine platform. We are	cellular network t	to the respective Ph	ysician for
t built the Telemedici lippines and partnerin	ine Video Conferencing a ing with Sudan NextGen t	board the Internation to help deploy this pl	nal Space Station atform below ma	n (https://vsee.i arket cost. Impl	com/blog/na lementing th	asa-chooses-vsee-telemedicine- ne widespread use of pregnancy	video-conferencing-iss/). VSee has o ultrasound examination in the villa	leployed a similar	r telemedicine platfo	orm in the
d a diagnostic test for	assessment and plannin	g of the pregnancy.	It will also run pr	enatal diagnost	ic test for co	ongenital anomalies.				
						rs and initiatives are doing to ac	Idress the issue/problem. needed to deploy the system in mult	tinle		
es. Project was disc	cussed with the African (ity of Technology (A	government res	earch agency) a	ind agreed in	n principle to house the data in t	their server and conduct analysis of ing to critical cases over the platfor	the Data to		
a avasiida liaka ta t	the anadoute and consider	a described before (Daive folder wol		m1					
	the products and service e same kits are found on					ttps://vsee.com/hardware/				
be how the projec	ct will relevant national	systems and specify	the transition as	rrangement to s	sustain and/	or scale-up results, as relevant				
plemented in colla	laboration with the existi	ng tertiary care level	facilities providir	ng the advice ar	nd guidance	to all of the pregnant women th	te villages leading to higher perinata rough a Telehealth platform. This p	project is only the	1st phase of a biggi	. This is er project.
source funding the	cuted and hurdles are ide e expandion of this proje	ntified and resolved, t in phase 2. Phase	phase 2 will be t 3 will include usi	to expanded int ing Sudanese ex	o hundreds patriate doc	of small towns and villages constors with unique specialties to p	necting them to regional centers. Su participate in training local doctors of	dan NextGen has onduct surgeries	s identified ways to that are not availab	le in
right now.										
1	erall development challes									
ly describe the over	rail development chanel	ige and the expecte	a results of the p	roposea soluti	uttys					
	the issue/the challenge t									
ess to medical care in exponentially increa	n remote towns and villa ase the outreach of Pren	ges, and providing pr antal care in a short	renatal care to al period of time as	I pregnant wom utomatically inc	nen in the Su reasing acce	udan has histroically been a greatess to medical care, decreasing p	t challenge in terms of patient acce- erinatal and prenatal mortality. The	s, resources etc. challenge of im	Telemedicine platfi plementing an outre	orm will ach
ram through teleme nate teh project will	edicine requires training I take 3 month to deploy	ocal nurses/midwife once the nurses and	doctors have be	g them to a near en identifed by	the Ministr	who via cell phone towers. Visee y of Health and local midwife co	erinatal and prenatal mortality. The has experience in addressing these mmunities.	zhallenges in dev	veloping countries a	nd we
the detailed pra	actical steps for the prop	osed solutions to ad	dress the proble	m described ab	ove. Identif	fy the approach that has been s	elected, with a clear rationale back	ed by credible e	ridence, integrating	gender
) Purchase one p	prototype to be tested in S	ludan and analyse its	s perfromance us	sing Sudanese v	wifi bandwid	Ith and cellphone towers. Step #	elected, with a clear rationale back alysis of available choices and the 2) Identify the 10 doctors in 10 diffe	rent regions who	are willing	
ticipate in this proj AMA to identify loc	ject, this step will require cal nurses and midwifes. ails personal information	working with the Mir Step#4) Bring the n	nistry to health to urses and doctor	allocate specie s to on location	al rooms in r and train th	regional hospitals for the telekits sem on using the instruments. S	to streamline the visuals. Step#3)	Work with an org ernment to secur	anization e a server to	
iii ine patients deta	ans personal information									
ify the key risks tha	at can threaten the achie	vement of results th	rough the chose	en strategy and	the assump	itions on which the project resu	lts depend. Describe how project ri	sks will be mitig	ated.	
Risk/Challe				Description				Mitigation Plan		
es not computer litera					to the interne	et might be an issue for some	The kits we are looking to purchase we phone, training will be provided to n	urses on troublesh	ooting	
ors not available durin		rs could be away in en			round and m	night not know of the beneifits of	We are partnering with the African C for a later assessment Providing the expected mothers with			
ting an ultrasound		g one before delivery	s are not in useu o	o getting an utilia	isouna ana m	ignt not know of the benefits of	excitment to the process, this has be			saby will add
								=		
		.Activity	Activity Fir	nancing	Activity			% of Co	mpellation	
		Activity Responsible	Budget	Expenses	Activity Wight		Activity End Date	From Activity	From Evide	nce Notes
	kit + lap top and Ship to Su 10 differnet regions	lan	6,000 2,000	1,000 1,000	A S	August 1st 2020 September 1st 2020	August 15th, 2020 September 30th 2020			
3 Nine Tele kits p	plus 9 laptops and Ship to S llation and modification	udan	54,000 20,000	1,000		October 1st 2020 September 15th 2020	October 30th 2020 October 15th 2020			_
5 Training for Do	octors and nurses		20,000	15,000		November 1st 2020	November 15th 2020			
	Total		102,000	28,000		% of th	e total project accomplishing		0.00%	
						% of actual compellation o	f the project, from the required % :	p to date		

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