

# Innovative Solutions

# TECH APPS

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# Hello!

We are Tech Apps. We  
Create **innovative solutions**  
to solve everyday problems  
and bring positive change





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# THE IDEA

Assistance & Medical **Emergency** Services (AMES)

“ Medical & Emergency Assistance is a **huge cost** to public health care. Help is often **prioritized** at the expense of other cases, which may be as **critical**

# The problems... One of many...

Around 350\* people suffer from **Cardiac Arrest** yearly with a **survival rate of 5%.**

This can be improved by medical assistance within first few critical minutes.

Many other situations may require immediate assistance



# Health Statistics Report 2020

ISLAND OF MAURITIUS  
DEATHS DUE TO DISEASES OF THE CIRCULATORY SYSTEM  
BY AGE-GROUP AND SEX - 2020

CAUSES (I.C.D. 10)	MALES						FEMALES						BOTH SEXES					TOTAL	
	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years	75+ years	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years	75+ years	Under 15 years	15-29 years	30-44 years	45-59 years	60-74 years		75+ years
Acute Myocardial Infarction	1	3	33	135	188	154	-	3	6	41	100	199	1	6	39	176	288	353	<b>863</b>
Other Ischaemic Heart diseases	-	1	12	40	91	81	-	-	3	15	39	131	-	1	15	55	130	212	<b>413</b>
<b>Total (Ischaemic Heart diseases)</b>	<b>1</b>	<b>4</b>	<b>45</b>	<b>175</b>	<b>279</b>	<b>235</b>	<b>-</b>	<b>3</b>	<b>9</b>	<b>56</b>	<b>139</b>	<b>330</b>	<b>1</b>	<b>7</b>	<b>54</b>	<b>231</b>	<b>418</b>	<b>565</b>	<b>1,276</b>
Cardiac Arrest	-	2	11	18	57	74	-	-	1	10	33	116	-	2	12	28	90	190	<b>322</b>
Heart Failure	-	5	19	43	39	37	-	1	10	8	24	55	-	6	29	51	63	92	<b>241</b>
Other heart diseases	-	4	15	22	34	42	-	2	7	17	32	42	-	6	22	39	66	84	<b>217</b>
<b>Total (Heart diseases)*</b>	<b>1</b>	<b>15</b>	<b>90</b>	<b>258</b>	<b>409</b>	<b>388</b>	<b>-</b>	<b>6</b>	<b>27</b>	<b>91</b>	<b>228</b>	<b>543</b>	<b>1</b>	<b>21</b>	<b>117</b>	<b>349</b>	<b>637</b>	<b>931</b>	<b>2,056</b>



# Imagine

Any person living in Mauritius can obtain timely medical & emergency assistance services from qualified health professionals on a click of a button on their smart phone.

Health Care professionals can provide their services and help the community when they are not working



# 8,000+

Qualified & Registered health care professionals in Mauritius (2022 - tbc)

# 800,000+

Smart phone users (2022 - tbc)

# 1:100

Ratio of health care professionals to smart phone users

# Qualified & Registered health care professionals

- Community First Responders (CFRs)
  - Curated list managed by govt body
  - Registered Nurses, Doctors, First Aiders
  - Localized across the island
  - Public and Private practitioners
  - Exact location known when available
  - Remunerated through a scheme (tbc?)

# 3 Levels of Emergency

## Yellow

Low severity case with low priority that may require medical assistance in 1-2 hours

## Amber

Medium severity case with high priority that require medical assistance within 1 hour

## Red

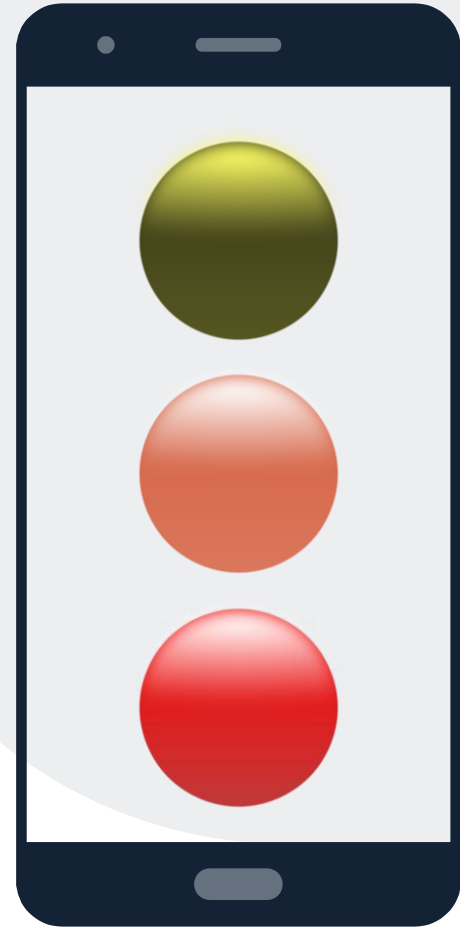
High severity case requiring immediate assistance, within 15 mins or less

## Request Assistance

Open Mobile App & on a single click of a button user can request help.

If not red alert, user needs to input additional information.

Their next of kin will also be notified of the case.



# Emergency response mechanism

## Localisation

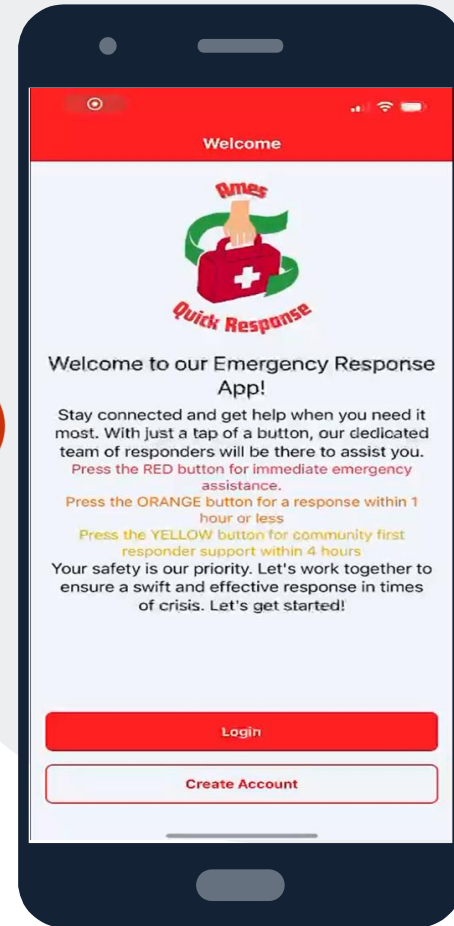
The system determines the most accurate location of the user and finds the nearest Community First Responders to the user. CFRs are notified of the case

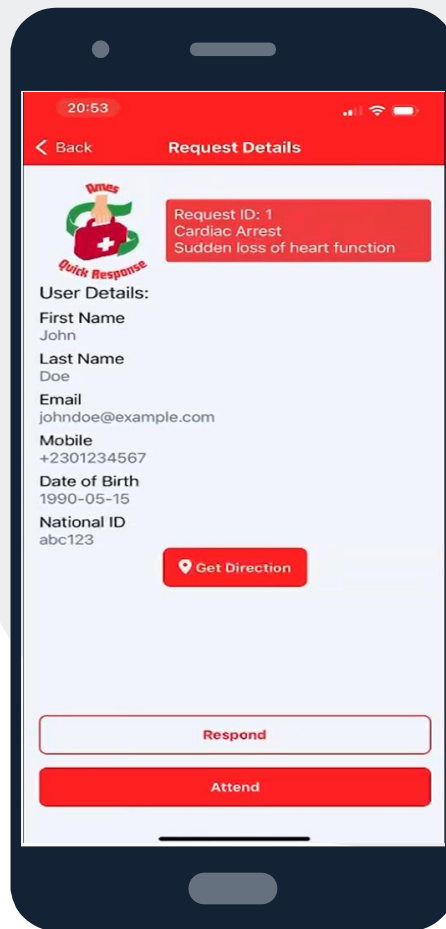
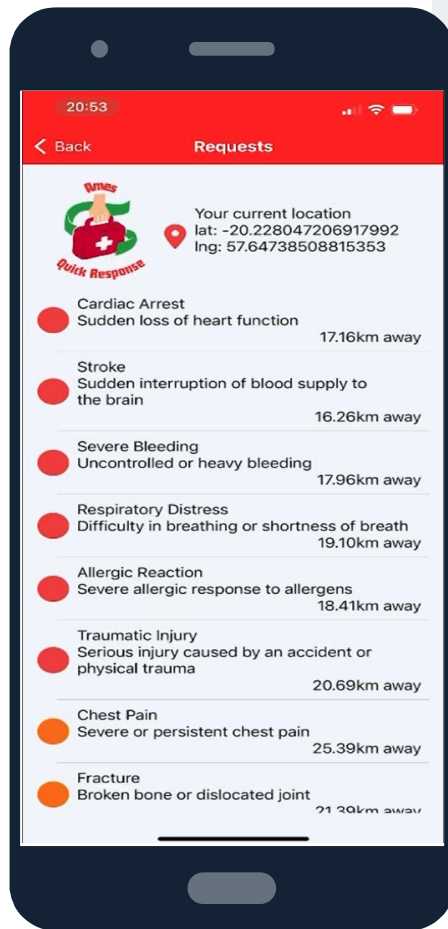
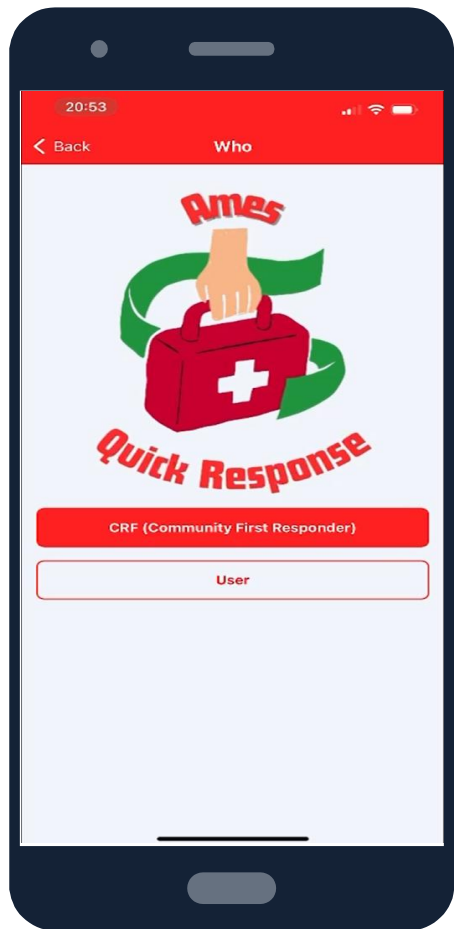
## Assistance

A CFR accepts the request and receive full details of the user. CFR attends the case and may also request SAMU, Police or Fire Services at the same time

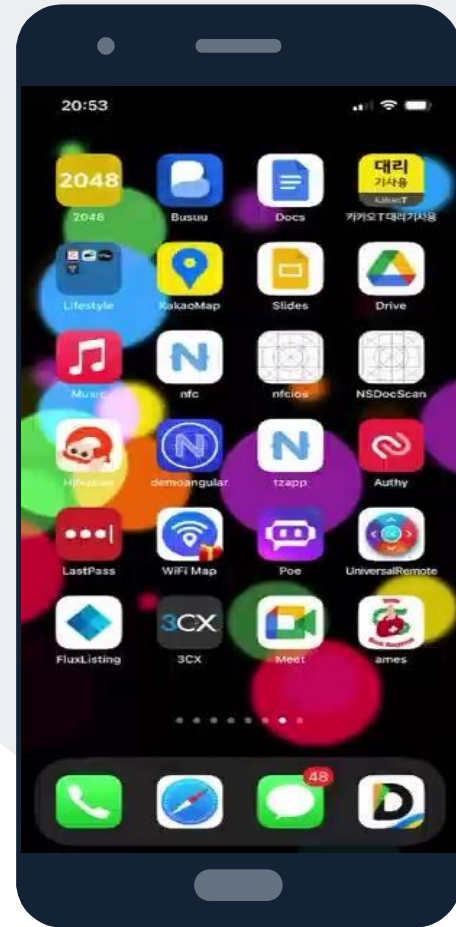
# AMES Mobile App

Every user register on the App from their smart phone with their personal details including location





# AMES Mobile App



# Thanks!

You can find us at:

- [www.techapps.cloud](http://www.techapps.cloud)
- [contact@techapps.cloud](mailto:contact@techapps.cloud)

