Initiative featured at the RIAC's Report developed to support countries' efforts to address COVID-19's impact

Online Platforms and Mobile Apps to Address COVID-19

Multiple Entities

Brazil

Shared by: Foreign Ministry of Brazil through the Permanent Mission of Brazil to the Organization of American States (OAS)

The Foreign Ministry of Brazil through the Permanent Mission of Brazil to the OAS reported the following online platforms and mobile apps developed by institutions of the private and public sectors in Brazil.

- **Mobile App to Help Raise Awareness of the COVID-19 Pandemic**
  Ministry of Health

  The Ministry of Health (MS) developed the mobile app called CoronavirusSUS, which provides information about COVID-19 symptoms, nearest health centers, instructions to conduct a self-assessment of the users' health conditions, and updated news from the Ministry of Health on the COVID-19.

  Additional Information:
  https://bit.ly/2XlSfrN

- **Online Portal to Promote Solidarity**
  Government of Brazil

  The Government of Brazil made available an online platform called Todos por Todos for companies, organizations, and public agencies offer services and products for free to promote solidarity actions. The platform concentrates a citizen-focused network so that everyone can access services and information on the Covid-19 pandemic.

  Additional Information:
  www.gov.br/todosportodos

- **Platform for Academic and Scientific Research on COVID-19**
  Oswaldo Cruz Foundation – Fiocruz

  Fiocruz, a foundation that promotes health and social development in Brazil, developed a virtual search engine for academic and scientific researchers to access surveys, situational maps, and epidemiological reports on COVID-19.

  Additional Information:
  https://portal.fiocruz.br/coronavirus/informacao-em-saude

- **Virtual Platform to Analyze the COVID-19 on Lung Epithelium**
  TissueLabs

  TissueLabs, a Brazilian company that generates in vitro organs and tissues, developed a scientific digital platform to study the effect of the COVID-19 in the lung epithelium. The platform is free of charge, and should allow researchers to use cells from patients with comorbidities, like asthma, to create customized three-dimensional tissues that will be able to serve as an environment for studying how the virus behaves in specific cases, as well as what would be the effect of drugs on the evolution of the virus.

  Additional Information:
  https://www.tissuelabs.com

- **Geolocation Platform to Monitor Social Isolation**
  In Loco

  The Brazilian startup In Loco, specialized in solutions for smartphone-based geolocation, adapted its technology to monitor social isolation, including the generation of disaggregated isolation reports by specific neighborhoods, so that public authorities can create targeted educational campaigns and tailor-made inspection routines. The platform also monitors local hospital capacity to help improve the allocation of health professionals.

  Additional Information:
  https://www.inloco.com.br/en/

- **Online Portal to Help Avoid Fake News About the COVID-19**
  Ilhasoft and United Nations Children's Fund - UNICEF

  Ilhasoft, a Brazilian company that specialized in developing solutions for communication services, jointly with UNICEF developed a platform and a chatbot called Health Buddy to inform the population in an effective and reliable way about developments regarding the COVID-19. The portal

offers updated data and demystifies information that has lacks veracity. Health Buddy is connected with the system of John Hopkins University, in the United States, to monitor data about the pandemic, providing real-time global and country reports.

Additional Information:
https://healthbuddy.info/index#webchat
https://bit.ly/2TLQeo7

- **Platform to Form Support Networks for Vulnerable Groups**
  Noknox

  Noknox, a home software startup based in Brazil, developed an online platform called "Vizinho do Bem" (Nice Neighbor), which creates a support network among neighbors to help people who are part of groups at high-risk of COVID-19. This way, volunteers can help vulnerable people with basic needs, such as groceries shopping, collecting medicines, and more.

  Additional Information:
  https://bit.ly/2zersG9
  https://vizinhodobem.com.br/vizinho-do-bem/home/

- **Covid-19 Monitoring and Mapping Mobile App**
  Colab and Epitrack

  Colab, the larger collaborative development platform in Brazil, and Epitrack, a startup focused on health data analysis, developed a platform and a mobile app to monitor and map Covid-19 cases in Brazil. The app is called Brazil Corona Free and sends notification for potential surges of the disease to inform municipal and state-level authorities.

  Additional Information:
  https://www.brasilsemcorona.com.br/#como-funciona

- **Platform to Engage Children with Science During Lockdown**
  Ministry of Science, Technology, Innovation and Communication - MCTIC

  MCTIC launched an online platform called Science at Home to help promote children and youth interaction with science activities during lockdown. The platform used games and dynamic activities to share information about science to complement homeschooling activities.

  Additional Information:
  http://cienciaemcasa.mctic.gov.br

- **Three Open Access Platform on COVID-19 Scientific Data**
  Brazilian Institute of Information on Science and Technology – IBICT

  The IBICT, an institution linked to the Ministry of Science, Technology, Innovation and Communication, is developing three free-access online platforms that gather scientific publications on COVID-19. The platforms are the following:

  - Scientific Information Open Sources Platform:
    https://bit.ly/3engYDh
  - Mapping Platform of Collaborative Networks of Researchers and Publications:
    http://especialistasepesquisas.ibict.br/coronavirus/
  - Online Repository of Emerging Research Information:
    The platform is under development and will be launched in collaboration with the Brazilian Association of Scientific Editors (ABEC) to share pre-prints of scientific publications on COVID-19 and accelerate the dissemination of research results in Brazil and other Latin American countries.

- **Telemedicine Platform to Assist and Monitor COVID-19 Patients Remotely**
  TI.SAÚDE

  Ti.Saúde is a telemedicine platform that helps assist and monito COVID-19 patients remotely to lower risks of contagion. The platform offers a virtual way to connect with patients in four steps: intelligent and communication systems through email, SMS, and WhatsApp; online tools to keep health record and schedule virtual and in person appointments; Reminders and access to exam results; and a humanized remote monitoring service. The platform also issues medical reports and prescriptions with a digital signature and QR code. Currently, the platform is being used by over 2500 doctors in 14 Brazilian states.

  Additional Information:
  https://tisaude.com/?lang=en

- **Hospital Management Platform**
  Carefy

  Carefy is a Brazilian HealthTech startup that developed a platform for managing and monitoring patients and participates in the Startuot Brazil Program to scale the developed to other markets. Carefy adapted its platform to allow health centers to monitor COVID-19 patients and reduce costs associated with hospitalizations.

  Additional Information:
  http://carefy.com.br/en-us
  https://bit.ly/2WTaLZx

- **Online Shopping Platform**
  Research Foundation of the Federal District – FAPDF

  FAPDF, a public-private organization that promotes scientific research and tech-based development, funded the development of the online shopping platform called Leviz. The platform was especially designed to help elderly public during lockdown. Through the platform, a shopper will buy the products needed and will deliver them.

  Additional Information:
  https://leviz.com.br

- **Self-Service Shop App**
  ONOVOLAB

  ONOVOLAB, a tech company based in Brazil, created a self-service shop system called ONII to be adopted by local stores in residential areas. The platform works through a mobile app that allow costumers select the products and pay. At the store, consumers scan the items to pay without the need of store clerks (self-checkout) to limit social contact and prevent the spread of the coronavirus.

  Additional Information:
  https://onii.com.br
  https://bit.ly/2znEHEb

- **Monitoring Tool for COVID-19 data**
  3Wings

  3Wings, a startup company based in Brazil, developed a project management tool to facilitate real-time follow-up of tasks and overview of teams. Due to the coronavirus outbreak, 3Wing adapted its project management tool to monitor the evolution of the virus in Brazil and offers reports by region, population density, and the contagion curve. Moreover, 3Wings also offers for free a software solution to manage Intensive Care Units (UCI) to help hospitals prepare and optimize their resources.

  Additional Information:
  https://en.3wings.com.br/
  https://www.uticontrol.com.br/covid-19
  https://www.uticontrol.com.br/coronavirusmonitor

- **Screening App for COVID-19 Patients**
  Brainy, Pitang, and Fabrica de Negocios

  The Brazilian Companies Brainy, Pitang, and Fabrica de Negocios created an app called HomeCare Covid-19 (Atende em Casa-Covid19) that offers a screening procedure for COVID-19 patients. The app also provides information and medical virtual assistance for mild cases. The project is supported by Municipality of Recife and the state government of Pernambuco.

Additional Information:
https://bit.ly/2LRuCCe

What support does the initiative needs?
Investors/partners to scale the technologies and solutions