



QUALIFIED TEAMS

Ensuring Continued Education

Bist 101 - Uganda

The pandemic revealed lots of issues and obstacles to the implementation of online learning, from the cost for accessing online learning/teaching tools to the management of attention span of students – This project proposes- an online discussion and peer interaction mobile App platform to foster peer-to-peer learning and sharing.

<https://www.truchallenge.co.uk/challenges/4bc8d07c-fe2e-404b-a0a9-5dd02f874ce4>

Caremongers - India

COVID-19 has caused many people in the population such as the elderly to have a dire need for help, food, services and other essentials, putting their safety, health and life at risk. The solution CareMonger is an app to match those in need of help with those who are volunteers in the community, to help provide the critical help, services and essentials so critically needed.

<https://www.truchallenge.co.uk/challenges/35f50ca1-2f17-45b4-9546-915fbc881a10>

Ellepod - Tunisia

While 58% of computer science graduates in Tunisia are women, more than 22% are left unemployed. This project seeks to boost women entrepreneurship through a series of podcasts to empower women in tech and business.

<https://www.truchallenge.co.uk/challenges/33e48637-c638-4e84-a6d2-22a3b6188fe3>

Epic Heroes - India

COVID-19 has caused global school closures depriving students of traditional learning opportunities. This solution provides students with access to continued learning digitally via leverage of social media, crowdsourcing and use of Machine Learning/AI to aggregate and download content via a chatbot delivering customized online learning material.

<https://www.truchallenge.co.uk/challenges/d48c9057-ff2c-45f6-8f3d-5eabde32532f>

FacTik - India

Deliberate misinformation or hoaxes have a huge impact on social, political and economic environment of a country. This project builds a Chrome extension validating on real time the authenticity of the browsing, through verified information sources and ML models to calculate the probability for an information to be fake.

<https://www.truchallenge.co.uk/challenges/79d918a2-26c3-438b-9edb-764f5f86b628>

Into the Wild - UK

How to empower students who feel lost, unmotivated and disempowered? Into the Wild is a multi channel online solution to create new things, connect with people and challenge yourself.

<https://www.youtube.com/watch?v=F-sGnde8L7A>

Lighthouse - China

Around the world, 1.5 billion students have been impacted by the lockdown provoked by the pandemic and are out of school. Lighthouse is an app built to help parents finding free resources appropriate for their children's needs.

<https://www.truchallenge.co.uk/challenges/122e0d4b-2e61-425b-a381-da4462b4ef56>

Team Zero - UAE

Learning online may lead to lack of social interaction and fatigue. The proposed App aims at assessing the level of fatigue of students and generate reports for teachers so that they can deal with it.

<https://www.truchallenge.co.uk/challenges/790f2bc0-f763-4c06-a853-37f58b8c32ee>

VRide - Canada

Lack of social interaction and motivation to exercise during Covid-19 lockdown may lead to health issues. This App aims at bringing fun into exercising using a smartphone, through the use of Google API to navigate and explore the world and cultural sites while exercising.

<https://www.truchallenge.co.uk/challenges/b61a7628-74a3-4f6e-acff-d463eab90400>

Wintegreat - France

Refugees face a lot of issues ranging from integration, education and lack of employment. The proposed online learning platform seeks to facilitate refugees' return to employment or education.

<https://www.truchallenge.co.uk/challenges/fa1b87d6-880f-4e5f-9e81-0b6233fda9b0>

YouCo - Tunisia

Lack of social interaction is among the issues of a prolonged online learning. This project proposes a cross-platform application to simulate social interaction in a virtual classroom environment.

<https://www.truchallenge.co.uk/challenges/8edcf49d-95f6-4c47-ac24-a0eb6620c042>

Data and Information Management

Blockchain4Awareness - France & USA

The pandemic has accentuated issues such as disinformation, and provoked global shortage of items, rise of counterfeiting and price surge of necessary equipment. This project proposes the creation of an information management platform for fact checking implementing a Blockchain-based solution.

<https://www.truchallenge.co.uk/challenges/b9146927-bfba-4de8-9ecd-4ec77927f0bf>

Coronabot - India

Misinformation is a dangerous phenomenon and can be deadly in situations such as this pandemic. CoronaBot is a multilingual chatbot providing information from reliable sources, such as WHO and CDC.

<https://www.truchallenge.co.uk/challenges/842210b2-b40f-4927-a333-d7232d910615>

CovidImpact - Canada

COVID-19 impacted small businesses, leaving them with questions such as "How am I going to pay my rent?", "How can I recoup from the loss?". CovidImpact recognized this economic impact and created an open source project small business care package which features curated list of programs, real-time news relevant to small businesses and a simulation tool to assess impact to small businesses.

<https://www.truchallenge.co.uk/challenges/5b81c831-ccd1-430b-8559-cda10adb26b4>

COVID-Net - USA

Lack of access to healthcare is a problem in many parts of the world. To mitigate this problem, Covid-NET is a platform built to improve workflow for patients and physicians augmented with recommendation systems

<https://www.truchallenge.co.uk/challenges/b8390327-4157-4eb1-927f-8c5be27c6d08>

Covision - India

COVID-19 has led to unprecedented hospital supply and equipment shortages threatening patient care and healthcare worker safety. Covision is a solution powered by Machine Learning that provides a real-time dashboard for government agencies, hospitals, and suppliers to gauge current supply, estimate future case burden and forecast upcoming needs to fast track the distribution of vital hospital supplies and equipment when and where they are needed.

<https://www.truchallenge.co.uk/challenges/24f93bdd-65d4-4552-84a1-12c0271ab9ef>

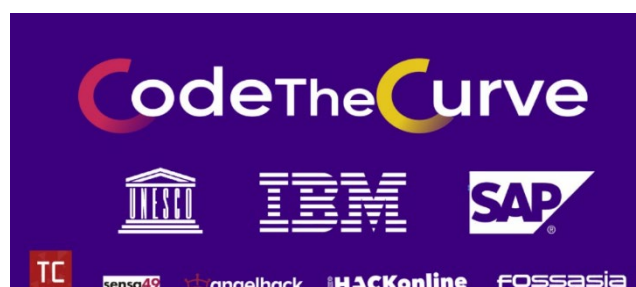
Doctora Susana - Colombia

In response to the lack of a unified information system for prioritization of tests on the COVID-19, this project aims at building a chatbot based on IBM Watson helping to determine the test priority through patients responses data analysis.

<https://www.truchallenge.co.uk/challenges/40b2ab89-2fa8-47ff-9805-ea561c70d89a>

<p>GrandPapp - Colombia</p> <p>How to continue and improve dependency services for older adults in the current confinement situation? This project aims at building an app that will link a network of volunteers to the persons in need.</p> <p>https://www.truchallenge.co.uk/challenges/eb8d97db-b2ed-4cbe-91b2-30ff974d181c</p>
<p>Community InfoCenter – USA & Slovakia</p> <p>Aiming at addressing data management issues due to US decentralized approach to data collection, the project proposes a community-based resource to provide a customized data distribution by municipality. Online screening questionnaires and test results may deliver real time data to municipalities to initiate appropriate actions, including public alerts. The solution is based on both data security and integrity and an improved collaborative relationship with public health officials and local government.</p> <p>https://www.truchallenge.co.uk/challenges/13f3f4df-ee18-4346-9f2b-afacb0560e8b</p>
<p>Qme - Australia & USA</p> <p>People are at a higher risk of infection when waiting in hospital queues. This project proposes a machine learning, geo-tagged, responsive virtual queue, removing the physical queue of patients, thus minimizing the risks also for healthcare staff.</p> <p>https://www.truchallenge.co.uk/challenges/114cd761-9674-4ea8-80d9-69a77e4754b9</p>
<p>The Beez - Saudi Arabia</p> <p>False and misleading information may cause panic during the COVID-19 pandemic – This project builds a fact-checking Web App to combat the spread of false information.</p> <p>https://www.truchallenge.co.uk/challenges/e4e49467-4001-418d-a361-f176eb92302a</p>
<p>Theia –</p> <p>With more than 25 million jobs lost around the world and an economic recession, countries will deploy different aid-plans. However, these plans are often based on generalize metrics. This project seeks at providing a tool using novel data analysis models for predicting which population will be the most vulnerable and need the most aid.</p> <p>https://www.truchallenge.co.uk/challenges/f9f73744-c0a0-4dd3-a1e7-a737dbc7da5a</p>

Note: Lento, a team from Zimbabwe initially selected within the qualified 40 teams, did not confirm their participation, nor complete the registration on time. The team has now been replaced by Community InfoCenter, another team that was next in line after the first round of judging.



The present and the future: Health and Social issues

Be Covid Free - USA

There is a lot of information and yet not enough information about COVID-19 that one can rely on. Be Covid Free is about giving people access to information about the current crisis that's relevant at the time they need it most.

<https://www.truchallenge.co.uk/challenges/9f9733c6-5be7-4cea-8704-a7e52c577ca7>

BotBR - Brazil

During a crisis, poor and vulnerable people are the most affected. This chatbot runs on Whatsapp to connect poor and vulnerable people with helpers and essential information in time of crisis.

<https://www.truchallenge.co.uk/challenges/ef2ae9be-8e57-4a5a-b307-ffdfcf3ed11c>

Contact Tracer – Russian Federation

COVID-19 has caused a need for social distancing to prevent the spread of the virus in our communities. Contact Tracer is a mobile App solution that uses anonymized data of individuals and leverages Machine Learning to analyze risk levels of contagion by geographical area, and assess high risk areas/groups using a scoring model to forecast safe distancing for others by location.

<https://www.truchallenge.co.uk/challenges/47db6642-e62e-40d9-9d81-555f4d8d34a8>

CovidCare - India

The huge number of Coronavirus cases have put a strain on the medical system and health professionals. Covidcare is working on an AI powered app that is a free test that can be taken using a smartphone. The test will determine the probability that a person is infected and hence helping doctors direct their attention to patients that need treatment

<https://www.truchallenge.co.uk/challenges/4dfbffe2-7910-439e-a2c8-2615714b2766>

CureIT – Russian Federation

Despite the many candidate vaccines, there is no effective drug against COVID-19, the project proposes a fast deep-learning modeling approach to provide researchers, labs and pharmaceutical companies with a new method for exploring trackability of Coronavirus proteins to identify potential vaccines

<https://www.truchallenge.co.uk/challenges/5dbe9209-7d3c-4e23-a985-a6d52007faeb>

Entropic Visualizer - Canada & Saudi Arabia

Urgent need for global research on the COVID-19 virus and mutations in order to understand and combat it, and develop a vaccine. The Entropic Visualizer is a solution using entropy graphs to analyze virus RNA sequences to translate complex data in a simplified meaning, identify different sequences depending on geography and time, manage RNA viral information, share information and serve as a tool to help scientists, medical researchers and others answer questions and address new ones.

<https://www.truchallenge.co.uk/challenges/49681e32-3d5b-4470-90f7-80239bd23631>

Help Match - Sweden, Lithuania, Philippines, Spain

Ensuring services resource allocation to those in need is among the issues provoked by this crisis. This project proposed a shared economy solution to connect those who need help with those who want to help.

<https://www.truchallenge.co.uk/challenges/7892ceeb-0d39-4b97-85ac-39bcdd3c2773>

Job Share – China

COVID-19 has led to massive global unemployment with many companies putting their employees on unpaid leave. The solution JobShare is an employee sharing platform with job sharing, recruitment and task finding functionality, enabling short-term contracts between companies to borrow employees, and providing short-term relief and a win-win situation for companies and individuals.

<https://www.truchallenge.co.uk/challenges/1422c967-9f5f-4c83-bbea-b3ecca9b669>

Little Paper Game - France, UK, Austria, Netherlands

Feeling lonely, bored or disconnected from your friends & family? Psychological distress is a huge problem during this COVID-19 pandemic. Little Paper Game is an online game app that you play as 2 teams, 3 rounds to explain, describe and act out 30 words within a time limit. All based on free software/open source.

<https://www.truchallenge.co.uk/challenges/be4dc768-7e01-4d25-bae9-d36466864fce>

Mbali Health - Kenya

In low and middle income areas of Kenya, the pandemic created a situation where patients visits dropped dramatically leaving clinics overstaffed and under-utilized because of their fear to get a disease at the clinic. The project builds a platform to provide remote care to patients in East Africa by resolving this health-resource allocation problem.

<https://www.truchallenge.co.uk/challenges/3081ddd5-9ecc-4e48-9314-610b5feb838c>

Mukto Mon - Bangladesh

Keeping away from stress and caring about mental health is an important issue during Covid-19 pandemic. This App comprises of a chatbot in Bengali language, proposing virtual therapy for individuals and also function as a bridge between help seekers and helpers

<https://www.truchallenge.co.uk/challenges/892b4f10-6128-4273-9b6a-04b375ebb009>

Pedhua - Brazil

Staying home is the best way to fight the spread of Coronavirus. However, it is a fact that women, particularly, may faces situations of domestic physical, emotional and sexual abuse. This project proposes an App that allows women victims of abuse to signal the violence, seek for help and gather information about what happened.

<https://www.truchallenge.co.uk/challenges/1221ab1a-51bf-4fae-86b9-7c053abef1e5>

PPE Supply Blockchain - Turkey

With the rise of the pandemic, supply of medical equipment became more critical, particularly protection equipment for medical workers. A blockchain-based supply chain can make this process faster and more reliable, connecting Ministry of Health, Hospitals, producers and banks, also easing reporting and information on stocks.

<https://www.truchallenge.co.uk/challenges/8535bf7e-46b9-408c-ab0a-4be5229b5ae1>

Quarantine Buddy - India

The COVID-19 pandemic has caused the world to go into lockdown, which has in turn raised concerns over the mental health of the population. Quarantine buddy is an intelligent mobile app that can act as a companion. Based on the users' interests, and regular feedback on the user's mental and physical health, the app provides activities for the users. Users receive reward points upon completion of tasks

<https://www.truchallenge.co.uk/challenges/a8b0fd88-c508-4671-8cd4-d3f813a90628>

Team Coronomy – Russian Federation

COVID-19 has led to massive global unemployment and large-scale business shutdowns and failures. This solution is a socially responsible platform that uses Machine Learning/AI to match unemployed job seekers and struggling companies needing workers, leveraging VC and government recovery funds to find the matched pair to revive the most important areas of economies.

<https://www.truchallenge.co.uk/challenges/4550c437-791c-47c7-83bc-9f20ac1d7e16>

Techmergency - Nigeria

COVID-19 has put massive pressure on the global health sector and frontline healthcare workers' lives at risk, due to the lack of personal protective equipment (PPE), medical devices, and funding that is needed. The solution is a centralized e-platform solution to mobilize funds rapidly and 24/7, directly connecting donors and medical institutions around the world, and in collaboration with international bodies such as UNESCO, to bridge the gap and fund the life-saving supplies, equipment and resources needed.

<https://www.truchallenge.co.uk/challenges/45bcb2b4-dca7-42c7-a070-d4b1a0b64fa6/>

Virtual Waiting Room - USA

COVID-19 has caused a need for social distancing to prevent community spread. Virtual Waiting Room is a mobile app solution that enables patients to wait for their doctor's appointment in the safety of their own vehicles outside the medical facility until they receive a message via call or text, providing the exact time they can enter for their appointment to minimize contact with others.

<https://www.truchallenge.co.uk/challenges/7ec4daef-435f-4a3a-9865-4c8203be9f11>

X-COV - Spain

Doctors have to analyze large amounts of medical data including chest X-rays to understand the severity of the disease in patients. X-COV created a model to analyze chest X-Rays using freely available data and tools and built an online tool that leverages AI to help physicians make faster, more objective decisions

<https://www.truchallenge.co.uk/challenges/503a6b0c-6c10-42d2-8019-c1b91fa1eaf6/>