**PROBLEM STATEMENTS:**

1)A single platform for local businesses:

Since covid began, unemployment has reached its peak and therefore many people have opened their startups / local businesses. Build an App / website that allows these individuals / groups of people to connect with consumers to display products and also employment details.

2)Taxi service provider:

To counter the problem of low transportation, create an app that acts as a local transport provider and vehicle hire service which can be in association to the taxi drivers around the state to finance their businesses.

3)Home-made Food Delivery Service:

For people stuck at home quarantine, build an app that accumulates all the on-going businesses in the state and also provides order of essential commodities from local registered businesses. Based on the location of the house, a quarantined patient can access food available in the vicinity. The app can connect them to people who prepare food for them. Also the system must assign a delivery boy based on the location of the patient and food supplier.

4)Elderly care system

Develop a technology-based solution for Kids, Senior citizens, especially abled individuals or any one who needs supervision, which can alarm a concerned person if the individual is crossing a specified boundary. For eg, 10 meters outside a specified boundary.

You should also think about more innovative ideas to see what more value you can bring to these individuals. For eg : devices which can apart from keep tracking of an individual, it can also collect heath parameters such as heart rate and alert concerned person in case of any issue. This health data can be further used for research and development of these individuals.

5)Employment for daily wage workers:

Since lockdown Migrants are facing difficulty to pay rent . Develop an app where users can list jobs they want done in their house or workplace (eg. Maintenance,cement work )which couldn't be done due to lockdown , and connect them with workers in their vicinity who can gain employment via this. The unemployed can then find an adequate job for themselves all under 1 platform.

6)E-Commerce for motorcycle Accessories.

Create a solution for an E-Commerce company who has an online store and multiple offline stores of motorcycle accessories. The website should display products and allow the customer to purchase the same. Products should be classified based on categories and properties. Availability of products can be classified as bike specific or as universal. Each user will have an account of his own which will store his/her personal details, motorcycle owned and his/her previous order history. Based on the account, product suggestions will be shown to him/her across the website.

Can also include:

* Stock, orders and customer data has to sync between online and offline stores' using a 3rd party Invoicing software.
* Customer data and orders have to sync with a 3rd party CRM software
* Live chat is available on the website for the customer to ask queries. A bot answers the first level of questions and transfers to an agent if needed.

7) Apps That Aid College Students

Create a website for college students which includes finding an internship or a job, organizing their life around their schoolwork, and navigating student loan debt.

The website can also help students organize their assignments, set deadlines, and help them keep track of their grades.

8)Green-Office

Making the official activities go paperless - like sending official communications through e-media, automating procedures for protecting the environment. Design a customizable workflow management system to handle submission of documents and approval workflow with facility to sign the document with approval seal. This system should have the ability to intimate the concerned party by email and also be manageable by email. Eg) Medical organization, P.W.D office.

9)Remote patient examination

Build a mobile app that enables doctors to gain real-time access to a patient’s vital signs from anywhere in the world including the rural areas. It may take a considerable amount of time for these patients to receive medical treatment, especially in emergency cases.

Tech professionals can create a system where it includes more specialized telehealth options or a system where those in rural areas can better access to emergency care, this type of technology gives small-town folk the medical attention they need as well as any patient across the globe. .The mobile solution should allow doctors to gauge a patient’s condition to determine whether hospitalization is necessary.

Once the medicine has been prescribed, the app should search for pharmacies around you and have the prescribed medicine home delivered. The solution can also provide general medical assistance and will be especially useful in cases of emergencies

10)Portal for Farmers to sell the produce at a better rate

Create a system that provides farmers an interface to sell their produce , and connect with the buyers all over India over a Simple interface that works on mobile, SMS to upload produce details and respond via phone and SMS (taking care of digital divide) o Interface for anyone to buy the produce/vegetable.

11) online platform for communication

Build a Tech-based software which will enhance the communication process among us during this pandemic. The solution should include video and audio conferencing of multiple people together. Text conversations as well as small gestures while communicating can also be made available. Preferably the software should operate on a lower bandwidth too so that maximum people can use it.

12) online admission for undergraduate students

Due to the current scenario caused by Covid-19, the admission process for under-graduate students across the country (especially in goa) has been quite a tedious task. To overcome this problem build an app/website which helps all the students who wish to take admission in their desired college by sitting in the comfort of their respective homes. The tech-application will also benefit the colleges as they will automatically get a detailed list of the students, various important documents and details related to the admission process.

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