

PROJECT ON A SOLUTION TO TREAT ZERO HUNGER

Project name-Agventure

Abstract

Achieving the Sustainable Development Goals cannot happen without ending hunger and malnutrition and without having sustainable and resilient, climate-compatible agriculture and food systems that deliver for people and planet. This requires comprehensive efforts to ensure that every man, woman and child enjoy their Right to Adequate Food; women are empowered; and priority is given to family farming. Hunger is a global issue, where millions of people around the world have insufficient access to adequate food. Our objective is to develop a solution which can reduce hunger issues and can lead the world towards no hunger, to focus on the proper food distribution with least cost and time, to work on digitization of co-operatives to reduce logistical challenges and to collect the crop data and store it for gaining insights in future.

Introduction

To overcome this problem here three major concerns are aimed:

1. To make efficient arrangements for crop sell (Availability).
2. Preventing black marketing and unfair selling.
3. To avail the items as per requirements of person and his/her family.

Solution

we are proposing a single web/telephonic platform for all farmers and co-operatives to sell and buy their crops at the right time to the right place efficiently.

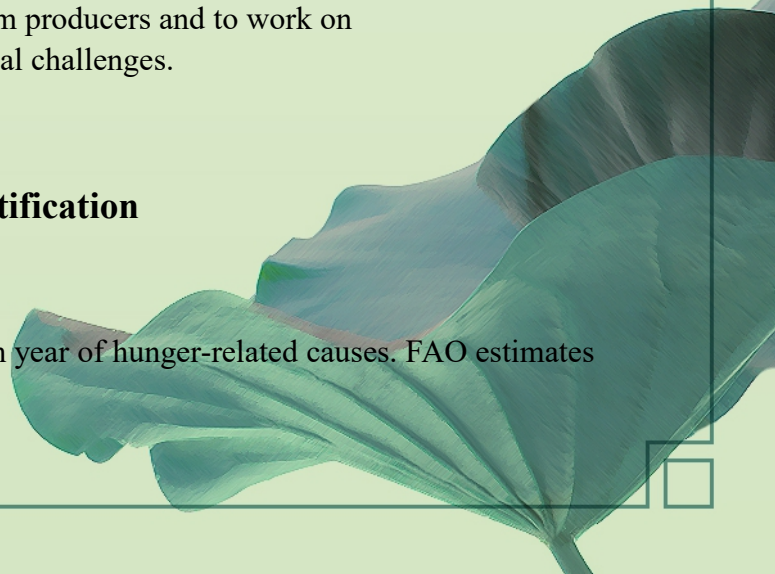
It will contain two modules majorly:

- For producers mainly farmers to get a proper path to sell their product/crop.
- For co-operatives to get materials directly from producers and to work on digitization of co-operatives to reduce logistical challenges.

Project justification

Solution for the hunger is necessary as:

- Sources estimate that 20 million people die each year of hunger-related causes. FAO estimates



- that at least 435 million people are seriously undernourished in the world today.
- Even after of so many steps taken by International and national bodies the under-nourishment and hunger is a very concerned issue.
 - People suffer from many production risks like drought, flood, tsunami, cyclones, crop failure and so on.

Scope of the Study

- A large population of world can get the benefit.
- This can be big life saving step for the world.

Conclusion

- To promote and strengthen efficient and effective management of agricultural production and productivity in order to ensure sustainable household and national food and nutrition security, and increased income.
- To promote the development and utilization of appropriate agricultural practices in order to improve and sustain the natural resource base.
- To promote agricultural diversification in order to ensure availability of a wide range of agricultural commodities.
- To prevent, control and contain diseases, vectors and pests in order to enhance agricultural production and productivity.
- To effectively provide appropriate agricultural information in order to increase awareness.

List of IBM Services

- IBM Cloud
- Watson
- Twilio

Our Team



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A technophile , design thinker , writer , poet ,autophile, bibliophile, aesthete, satirist . Currently pursuing BTech in computer science engineering from ITM University Gwalior , dreaming to learn as much as possible.

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Github link- https://github.com/Agventure2021/IBM_Hackathon

Video link-<https://youtu.be/qAcOLis8M4U>

