

## E-Agri Web Application for Agricultural Development in Sri Lanka

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Sri Lanka has been an agricultural country since the age of kings. As one of the main economic streams in the country, even today it brings a massive amount of foreign exchange to strengthen the economy. Rice and organic food consumption have drastically increased due to the population and high demand for fresh and healthy foods. Both fruits and vegetables are cultivated all across the country including the highlands of the central province and the in-land areas. The main reason of building an E-commerce platform is to address the problem of unnecessary involvement of the middlemen who buy products from farmers and sell them to customers. They are the ones who control the market price and cause unnecessary price hikes, gaining the highest profit from the business. Every farmer doesn't have the storage and transport facilities to deliver the product to markets. Farmers can't get the price they deserve and the customers have to pay extra amount. The solution suggested in this research paper will stifle this problem by keeping a steady market price while farmers can make a better profit from their products. Therefore, they can widespread their sales all over the world. Through this e-commerce platform, farmers can suppress the middlemen's involvement by directly interacting with customers. Nevertheless, with this web application, users will be aware of the agricultural products in the nearest locations. This web application can reduce the wastage of food in transport, and ensure that anyone can buy the products they need with ease.

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