SpiAuc: Development of an Online Platform for Spice Sales in the Sri Lankan Market

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Sri Lanka's spice market has a significant impact on the global spice market. In the current context, farmers are encountering practical issues such as high production costs, difficulties in finding international markets, and high margins from intermediate sellers. Moreover, farmers are less aware of reaching the international market due to several barriers. This paper presents a user- friendly online auction system that allows bidders and sellers to interact through an online platform. The proposed system is low-cost and includes additional features including price forecasting, complaint management etc.

Keywords: *online auction systems, e-commerce, price forecasting, time series*