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KNOW-N-GROW

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Abstract

Agriculture is one of the import sectors for Sri Lanka economy but all the livelihood for most people in the country. With agriculture cultivation frequently evolving in terms of the process and techniques followed it is important to be up to date. A key problem between agriculture stakeholders is not having a designated platform to find and communicate with each other. Furthermore, with traditional cultivation methods fading and more new people having interest and starting their own cultivations without prior knowledge in running a plantation, along with not knowing or being able to find the correct cultivation products is the main focused for implementing a comprehensive solution to tackle the above-mentioned problem. To solve these issues a comprehensive background research was undertaken to determine the key variables which impact agriculture plantation in Sri Lanka. Following was done in hopes of developing the best possible solution for agriculture cultivation.

Above problems were validated through user requirement gathering techniques and literature reviews on the agriculture and Agri-consultant domains. Which proved to showcase the increasing amount of people are getting into agriculture without any prior knowledge. Moreover, from the gathered requirements it's evident that most users do willingly require consultant expertise to properly manage their plantations. Know-N-Grow site has been implemented to enable for customers to search for consultants according to their specified issues and thereafter schedule a virtual call with that relevant consultant. Furthermore, customers can find necessary products for the cultivation issues at hand from the site itself. Products are provided by registered businesses within the country. Following report will present every aspect and stages that were looked at to ensure the smooth development of the solution. To get a second opinion on the implemented solution a selected group of stakeholders were chosen to test out the Know-N-Grow solution.