

RAW FRUITS QUALITY INSPECTION SYSTEM USING IMAGE PROCESSING

S.VAISHNAVI, M.E(Applied Electronics),
Sri Ram Engineering College, Chennai

Recent technological trends have paved the way for improving and provides advanced services for the stake holders in the agricultural sector. A fortunate shift is underway from proprietary and tools to IoT-based, open systems that will enable more effective collaboration between stakeholders. This approach includes the technological support of application developers to begin specialized services that will seamlessly interoperate, thus creating a sophisticated and customizable working environment for the end users. We propose the implementation of an architecture that instantiates such an approach, based on set of domain independent software application called “generic enablers” that have been developed in the context of the FI-WARE project. The implementation is used to validate a number of innovative concepts for the agricultural sector such as the notion of a services’ market place and the system’s adaptation to network failures. The results of the evaluation process provide the acceptance of such a system and the need of farmers to have access to sophisticated services at affordable prices. It includes software, hardware and IoT technologies.