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The problems of adulteration make the food items used in our daily life unsafe and unhygienic for use. In the past few decades, adulteration of food has become one of the serious problems. Consumption of adulterated food causes serious diseases like cancer, diarrhea, asthma, ulcers. In general, adulteration of food items has a very serious impact on producers/farmers, manufacturers/enterprises, consumers and government.The quality of products is mainly determined by its sensorial, chemical, physical and microbiological characteristics.Thermal imaging is an analytical technique that is capable of doing accurate and precise measurements.Thermographic images are based on the temperature absorption and reflection. The images may be influenced by the environmental factors which includes ambient temperature, thermal reflections, light intensity, etc.The objective of this project is to developa system for the enduser to check the quality of the products by applying Deep Imaging technology in monitoring food adulterations and quality control by using standard Deep Image processing algorithm and Deep Neural Network. With this system, the consumer will be able to avoid the degraded products available in the market.