In the present-day tomatoes used in the manufacturing processes such as canned tomato, sauce, puree, ketchup suffer loses due to spoiled produces in their supply.

These spoiled produce would vary the quality of products. Fluctuating quality of the processed tomato products would cause the products to lose their demand in the world market.

Currently this issue cannot be resolved directly as the current method of sorting tomatoes is by the use of manpower. This is less efficient and time consuming.

As a solution to this problem we propose a detection system to identify and remove the unwanted tomatoes on the conveyer belt with the use of image processing.