**Conclusion**

* Using transfer learning to sort rotten fruits and vegetables is a smart and efficient way to reduce food waste. Instead of building a model from scratch, we use existing trained models and teach them to spot spoiled items. This saves time, needs less data, and can still give accurate results.
* This method makes food sorting faster, safer, and more reliable, especially in large markets or industries. While there are a few challenges, like needing good hardware and making sure the model works well for different types of produce, overall it's a practical and helpful solution for improving food quality.