



CONCLUSION

"PreserveCheck" is a game-changer in addressing MSG-related dietary concerns. With its user-friendly and reliable MSG detection device, the project is set to make a lasting impact on dietary awareness and food safety. The device's accuracy, accessibility, and potential for wide-scale use make it a valuable addition to food safety practices.

Solution:

"PreserveCheck" provides a comprehensive solution to the MSG detection challenge. By using accessible components and a calibrated TCS3200 color sensor, it accurately assesses MSG concentrations in food samples. Its non-invasive approach, user-friendly interface, data logging, and rapid results promote healthier dietary choices and public health.

Future Plans:

The project's future includes ongoing research and development to enhance technology, pilot programs for real-world testing and feedback, pursuing regulatory approvals, educational campaigns to raise MSG awareness, and collaboration with public health authorities. These plans ensure "PreserveCheck" remains at the forefront of MSG detection and continues its positive impact on food safety and public health.

