Problem: I and many others have multiple food allergies. At least once a week, often more frequently, I am exposed to other students' food during lunch and snacktime. When this happens, I either take Benadryl or I go home depending on how severe the allergic reaction is. The Benadryl causes me to fall asleep in class, so either way I miss important schoolwork. Each time I'm exposed to food that I'm allergic to could be a life threatening situation.
P.A.S.S or F.A.I.L.

P.A.S.S. stands for Protect A Student's Safety and F.A.I.L. stands for Food Allergy Ingredient Likely. The P.A.S.S. or F.A.I.L. is a portable box that is used to scan food to determine its ingredients. A staff member can program the student's allergies into the P.A.S.S. or F.A.I.L. on a touch screen. Then, the food in question is placed into the P.A.S.S. or F.A.I.L. and scanned by non-toxic food scanners. These scanners are specially designed to recognize each different ingredient and lists them all on the screen. Based on the allergies that the student has, the screen...
will display the word, "P.A.S.S." or "F.A.I.L." to indicate whether it is safe for the student to eat the food. Once the students' information is entered into the P.A.S.S. or F.A.I.L., it is saved, the name can be picked the next time food needs to be tested, and their information can be edited at any time. Having a P.A.S.S. or F.A.I.L. at schools can protect many children with food allergies just like me!
My Invention... P.A.S.S. or F.A.I.L.

INGREDIENTS
- sugar
- wheat flour
- **SOYBEAN OIL**
- salt
- milk
- *F.A.I.L.*

Non-toxic Food Scanners
Stainless Steel Box
Touch Screen