

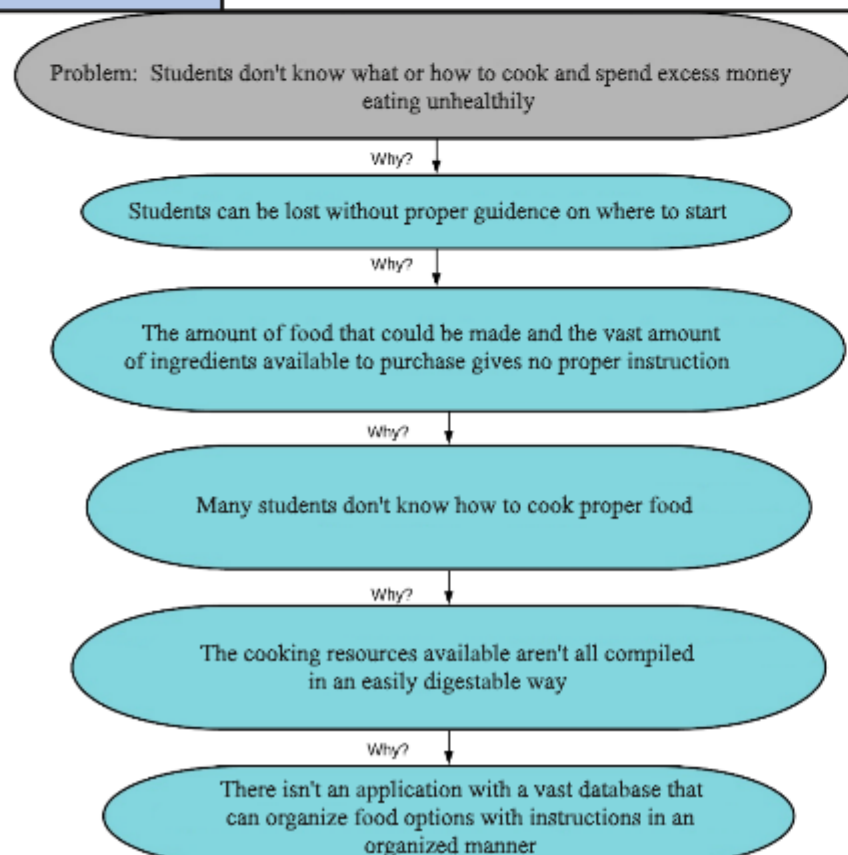
**1. Problem Background**

- Students at a collegiate level who live on their own often eat out or have unhealthy diets due to not knowing how and what to cook.
- The United States Department of Agriculture states that less than half of university students often cook for themselves (45.7%) with 14% of students having never cooked a meal for themselves.
- These factors can result in lack of proper daily nutritional values being obtained and countless dollars being used by students purchasing takeout food.

**2. Target**

The target is to have a fully functional web based app by April or May of 2023 that permits students to have food options depending on the ingredients they have and the nutritional value they carry.

The app will also provide intructions on how to cook chosen meals for those who aren't experienced with cooking in their own homes.

**3. Causes****4. Countermeasures**

1. Let users browse the recipies available and bookmark specific ones
2. Have a filter that gives recipies that can be cooked with ingredients the student already has at their disposal
3. Show nutritional values of each recipie and let the user track the food that they've eaten in a day.
4. Allow the app to reccomend dishes based on the nutritional needs of a user at any given time of the day.
5. Permit the user to export a list of missing ingredients from any given recipie in order to ease the process of gettting groceries.

**5. Check/Evaluate**

- Success will be determined by user feedback on their nutritional changes as of using the app and usage of the service.
- In the event of users determining that their nutrition did not benefit or their cooking habits then the project is deemed a failure.
- Ease of access to cooking and nutriotional resources are the focus to attack the main issue of students that don't cook because of lack of knowledge.

**6. Act/Standardize**

- The project will continue opertaions succesfully by adding more recipies in its database in order to accomodate all types of diets and users.
- Possible features can be added if the team deems them to result in an even easier user experience.
- This project will develop UI and database adjacent skills within its development, it will also expose the team to more cooking options themselves.
- Skills like these can be used to further expand on this project and possible projects that team members decide to pour their passion into in the future.