

Prototype Analysis

PREP

Participants were given a print-out explaining various preservation methods. The print-out had a graphic of the method as well as a small blurb about the method.

The participants were then asked to place a green dot on methods they deem are the best, a yellow dot on methods they deem most affordable and a red dot on methods they deem the worst.

This was intended to provide the participants with background information in order to prep them for a discussion about design considerations.

QUESTIONS ASKED

- What was your reasoning behind where you placed your dots

MATERIALS

- Pre-made print-out
- Green, red, and yellow dots
- Camera
- Note taking materials



Prototype Analysis

PROTOTYPE ANALYSIS

The same participants plus additional were shown the solar dryer, as well as given samples of dried okra to eat. Participants were then asked to evaluate the prototype.

Participants were then asked to mark, using orange dots, on the user journey map where this prototype may fit into their current system.

QUESTIONS ASKED

- What are the strengths of this prototype?
- What are the drawbacks of this prototype?
- What do you like/dislike?
- What would you change?
- Would you eat the dried okra on a regular basis?
- How would this impact the price and amount of okra available year round?

MATERIALS

- Solar dryer prototype
- Solar dried okra
- solar dried garden egg
- Pre-bought dried okra
- Pre-bought dried mango
- Camera
- Note taking materials



Prototype Analysis

MAKE TOOL

Participants were then given a line drawing of the prototype and were asked to either change the form of the existing product or draw their ideal preservation method.

Participants were also given cards with wood, clay, plastic, metal to determine different form and material choices.

The participants then were asked to mark, using blue dots, where their ideal preservation method will fit within the user journey map.

QUESTIONS ASKED

- What did you make and why?

MATERIALS

- Solar dryer prototype
- Solar dried okra
- solar dried garden egg
- Pre-bought dried okra
- Pre-bought dried mango
- Camera
- Note taking materials

