



HEARTH

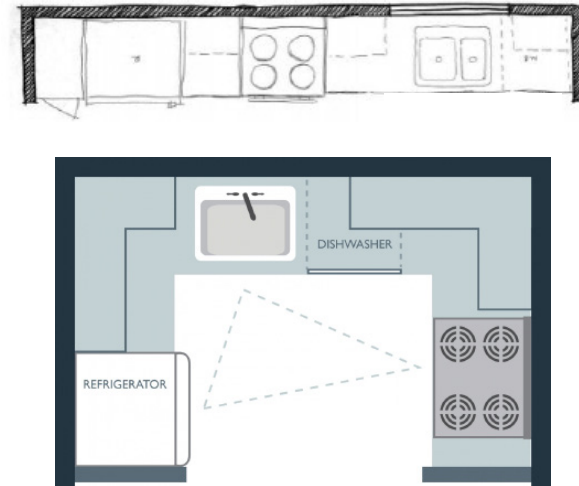
A holistic kitchen experience
for the year 2050

research

A kitchen in **2050** will need to be at the center of **shared spaces**.



Food preparation has created a **place of gathering** and symbolized life for centuries.



Current kitchen layouts are linear and **not set up for multiple users**.



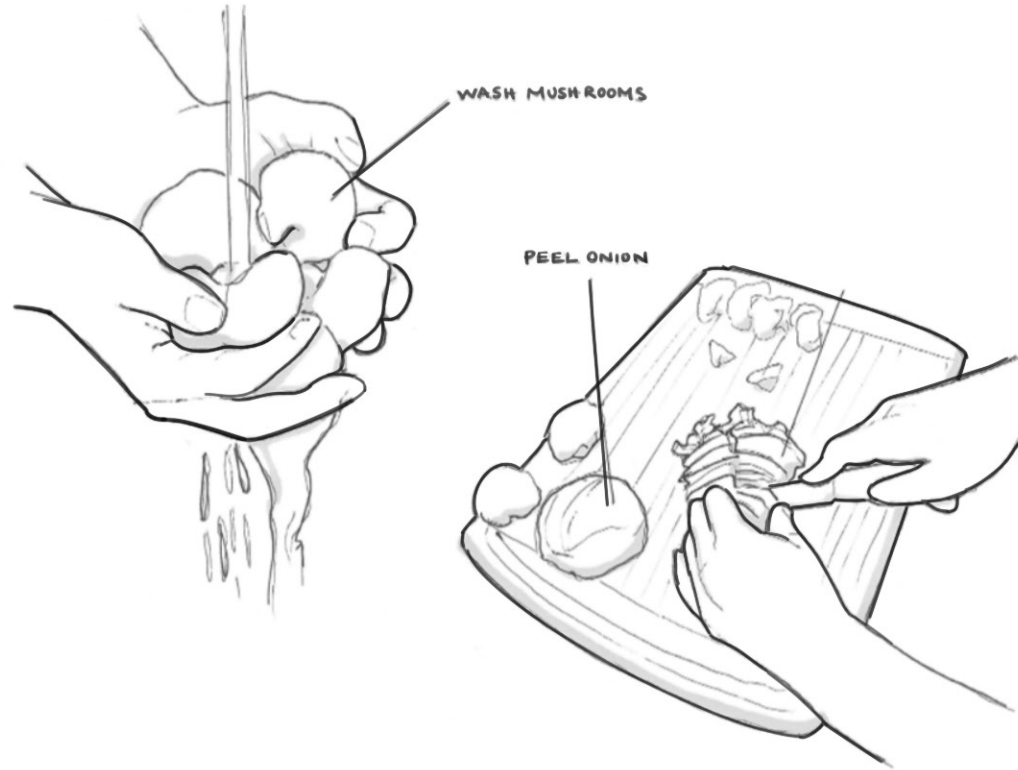
Younger generations show **interest in communal living**, due to costs, loneliness and housing availability.

“World population projected to reach 9.7 billion by 2050, with 68% living in urban areas,” says UN.

user journey

Washing

Washed produce gets surfaces wet when moving it around your space.



Prepping

Cutting board takes up extra workspace and there's no place for waste

Learning

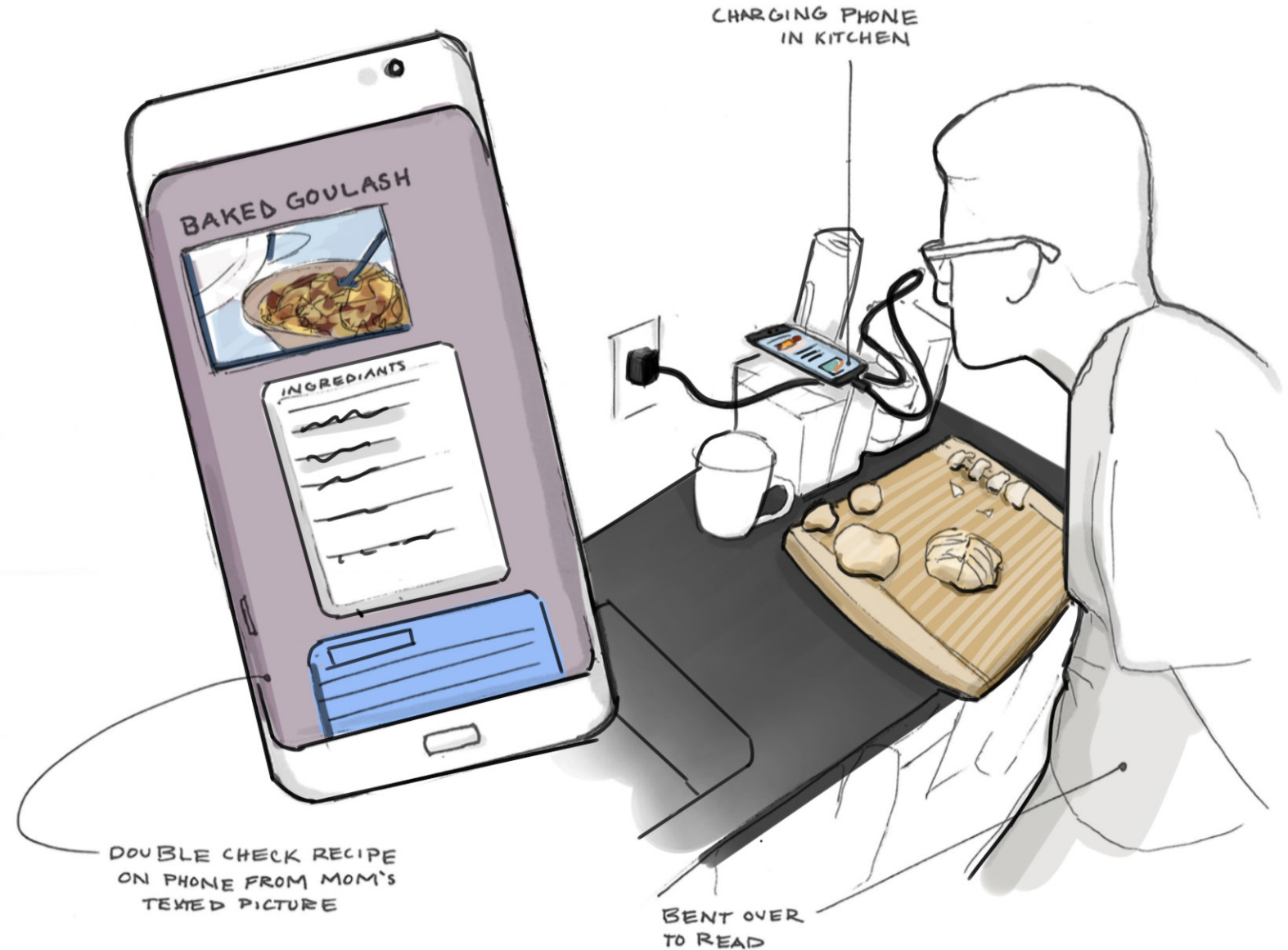
Recipes online are hard to read and can lead to phones be damaged

Connecting

Interaction with family & friends through social media is disconnected from the cooking experience

A more **efficient use of space** is needed in compact kitchens, especially for urban or communal living in the future.

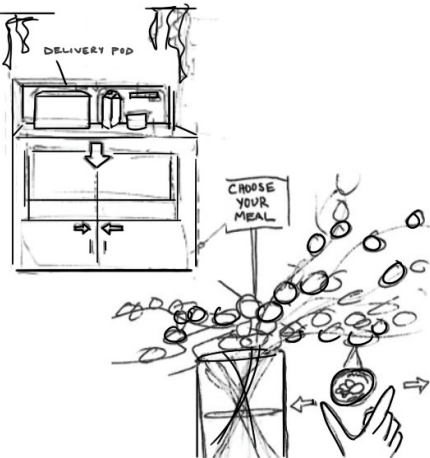
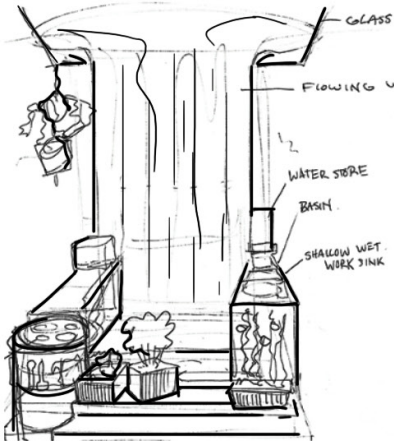
Use of **digital media** is not integrated well and has become involved with cooking frequently.



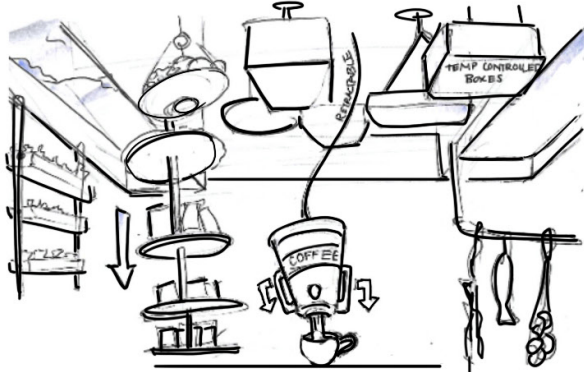
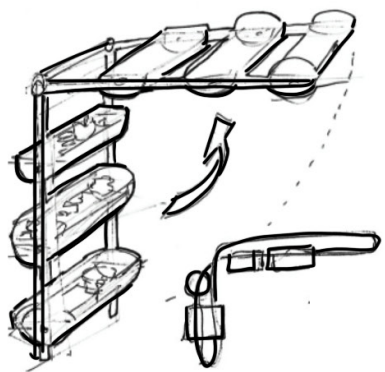
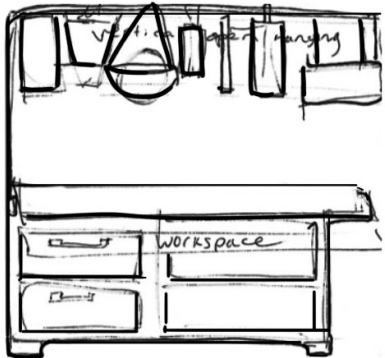
ideation



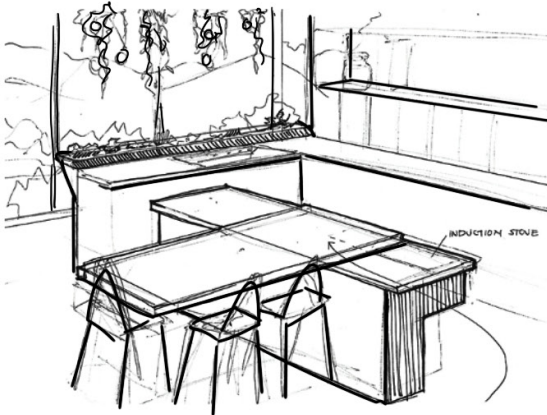
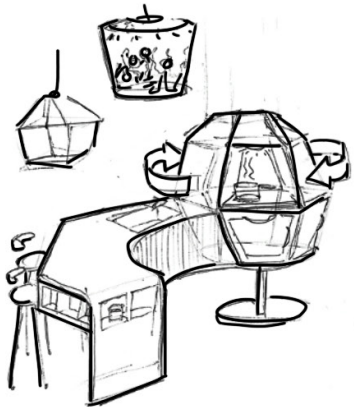
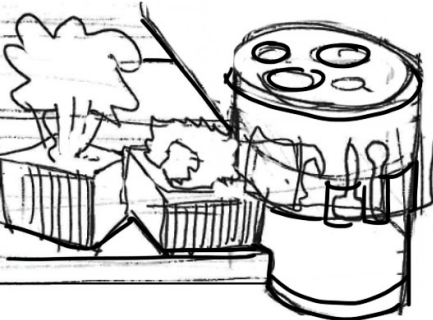
holistic focus on natural elements & life



moving storage & utilizing vertical space



radial symmetry & gathering around

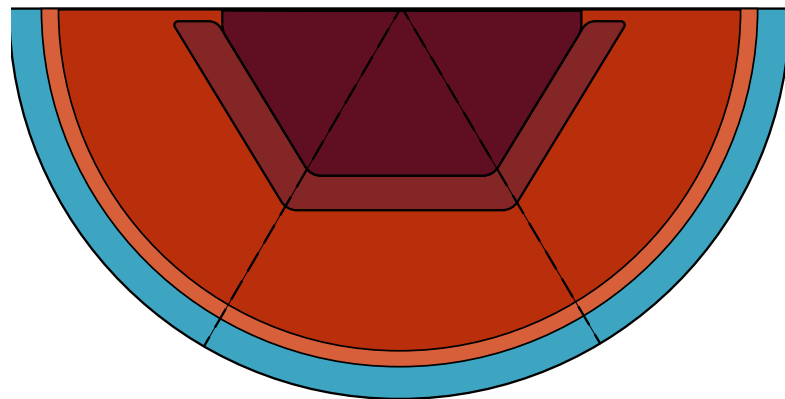


prototype

Hearth has a semi-circle shape with layered kitchen utilities. This allows for multiple people to efficiently share the space, accessing what's needed in a compact area.



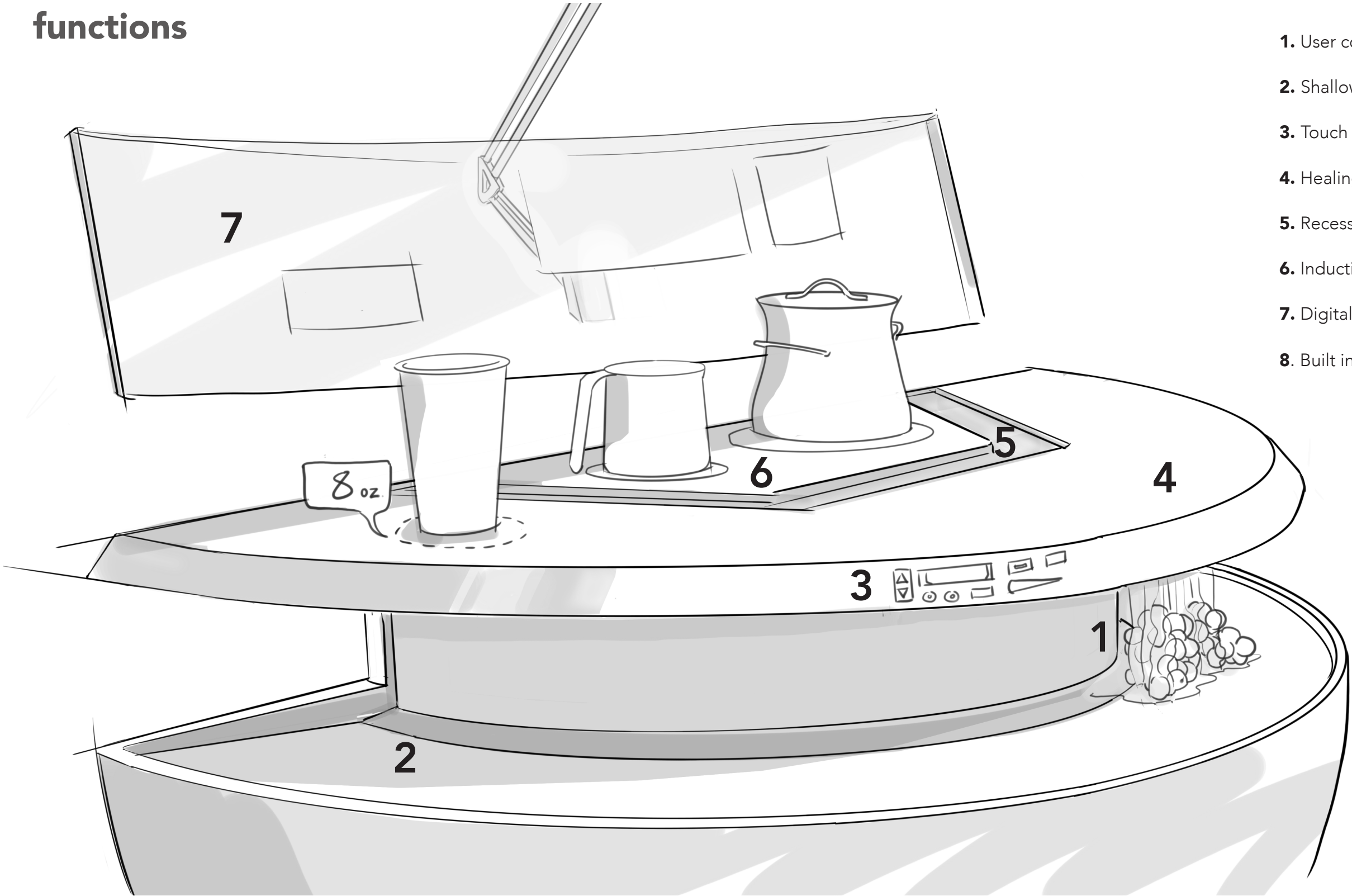
■ Cooktop ■ Water ■ Preparation ■ Waste ■ Controls



Users can reach underneath the counter for water and to the center of the console for cooking, with information integrated into the system, all work can be kept in one easy to reach area.



functions



- 1. User controlled water system
- 2. Shallow basin with drainage
- 3. Touch activated, digital control panel
- 4. Healing smart surface
- 5. Recessed food waste disposal
- 6. Induction cook-top
- 7. Digital display with gesture control
- 8. Built in AI tools, including scale



Weather information panel showing a sun icon, precipitation: 30%, humidity: 80%, wind: 5 mph, and a temperature of 22° Monday.

Video player showing a person chopping a zucchini on a wooden cutting board. The word "CHOW" is visible in the bottom right corner of the video frame.

Grandma's Stuffed Zucchini

From: Recipe Book Selections

Yield: 4 Servings

Categories: Side Dishes, Vegetarian

Cook Time: 20 mins

Prep Time: 15 mins

Ready Time: 35 mins

Ingredients

- 2 Large Zucchini
- 1 Small Onion (Chopped)
- 1/2 Cup Mushrooms (Chopped)
- 1/2 Cup Celery (Chopped)
- 1 Medium Tomato (Chopped)
- 1 Tbsp Butter
- 1/4 Cup Bread Crumbs
- 1 Egg

Digital timer showing 30 minutes.

