

INNOVATION PROJECT

TOPICS

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Guidelines Final Report

2

Mission #4

3

Group Work

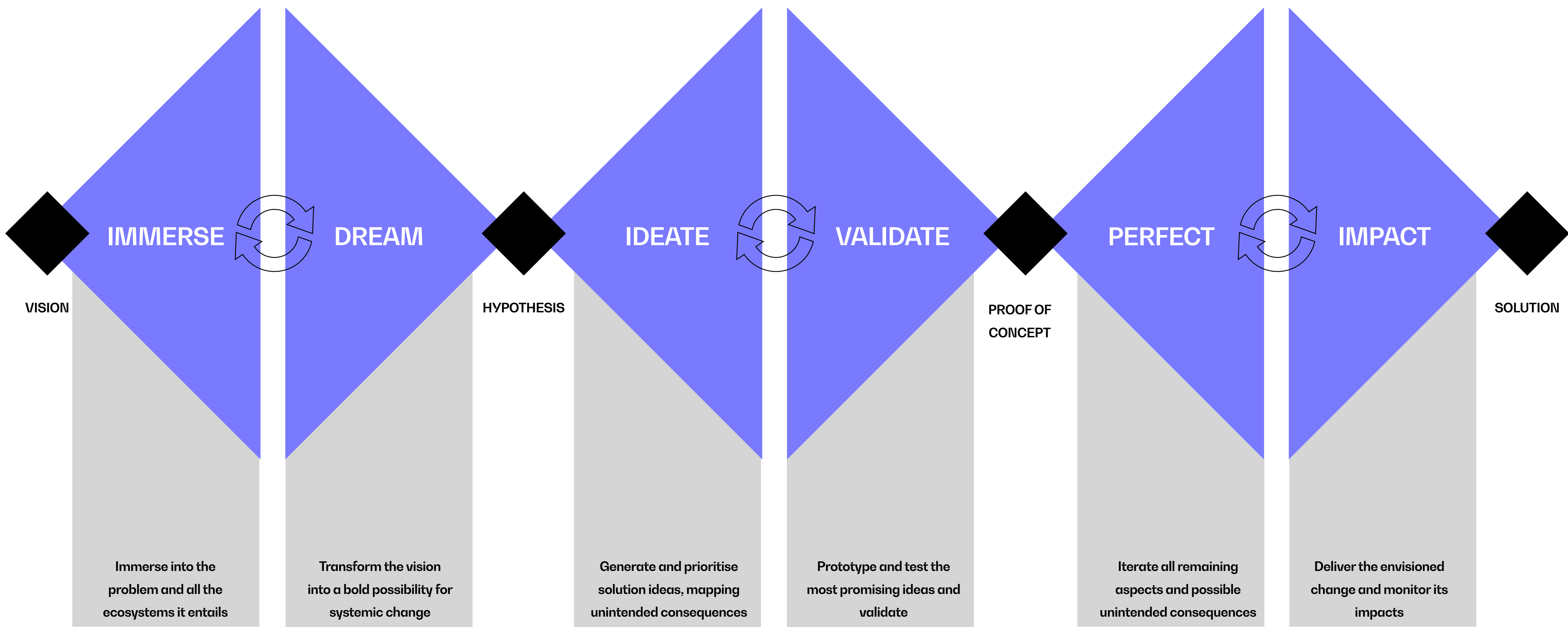
GUIDELINES FINAL REPORT

GUIDELINES FINAL REPORT

- **We want you to journal the whole journey.**
- **Explain us the process, what you did in each step.**
- **We want to understand what decisions you made throughout the project, their rationale and the evidences/facts you used.**
- **We will not evaluate how good or how innovative is your solution. We want to evaluate how well you understood the innovation process and how you were able to think for yourselves, apply the principles, the concepts and the tools.**
- **Our opinion about the final solution is irrelevant and will not be part of the evaluation.**
- **You might not even reach a final solution and yet be very well evaluated (and vice-versa)**

MISSION #4

Life-Centred Innovation



Life-Centred Innovation

Prototype

The process of prototyping bridges the gap between conceptual ideas and real, workable solutions. Prototyping allows you to answer questions and validate/invalidate assumptions leading to the iterative testing, learning, and refinement of components and complete solutions.

One of the key aspects of prototyping is that it generates empathy for prospective users.

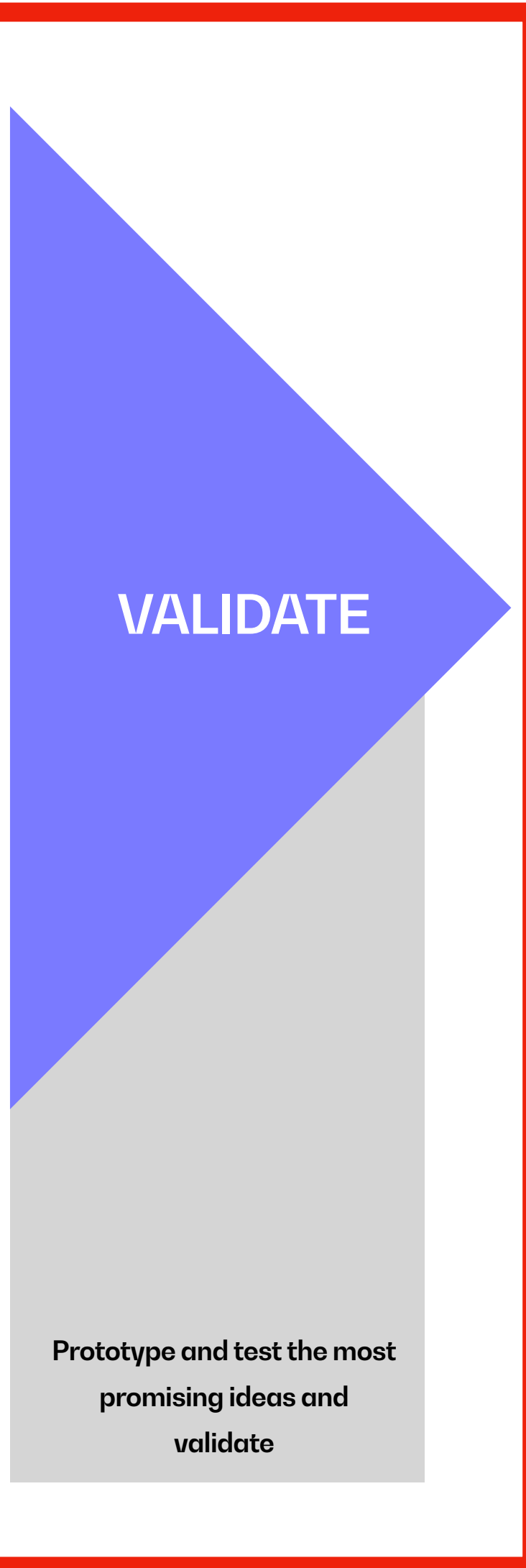
Choose your type of prototype and get your potential users/clients to interact with it. Observe behaviour, ask for feedback, collect insights.



VALIDATE

Prototype and test the most
promising ideas and
validate

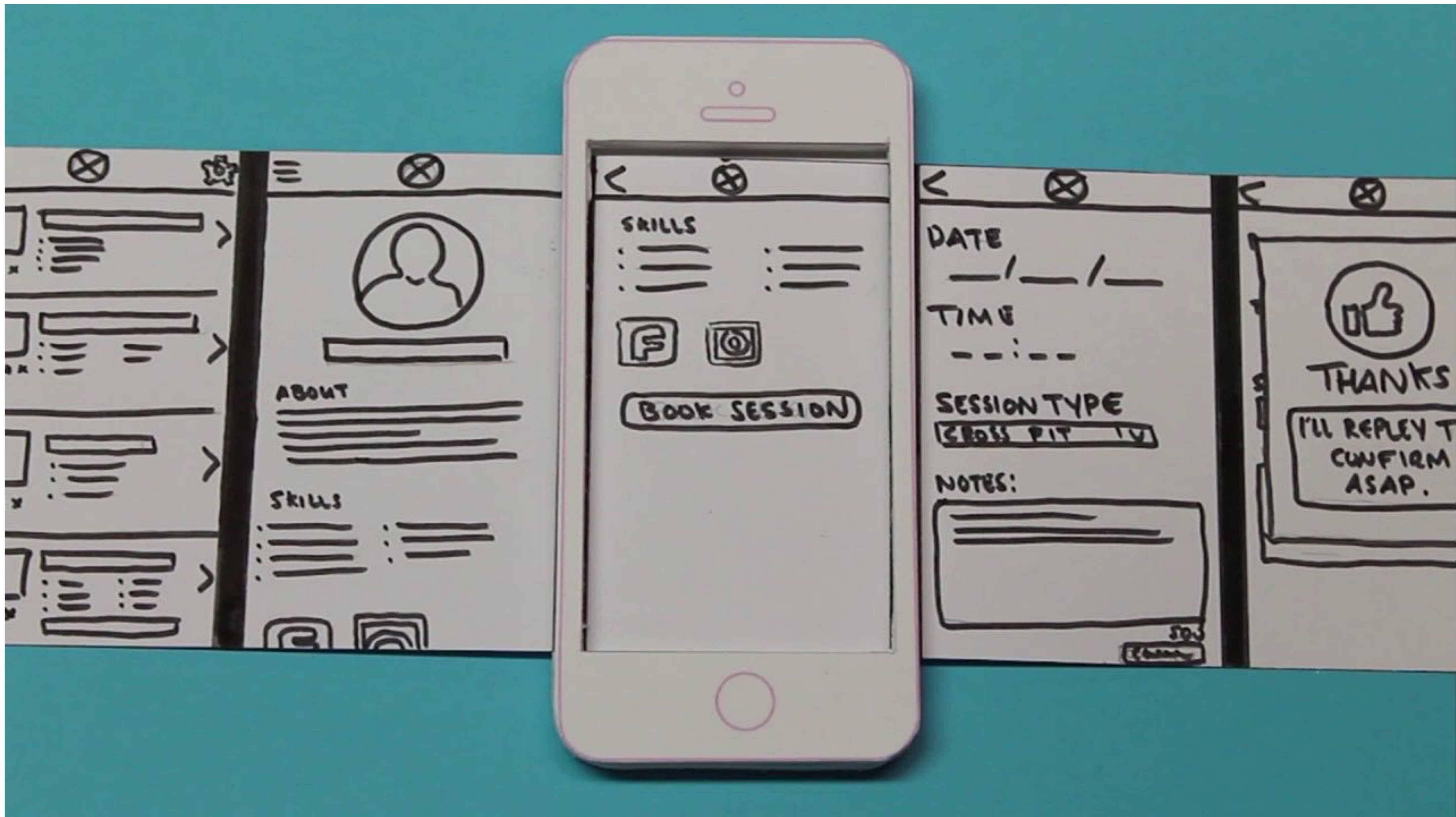
Life-Centred Innovation



Types of Prototypes

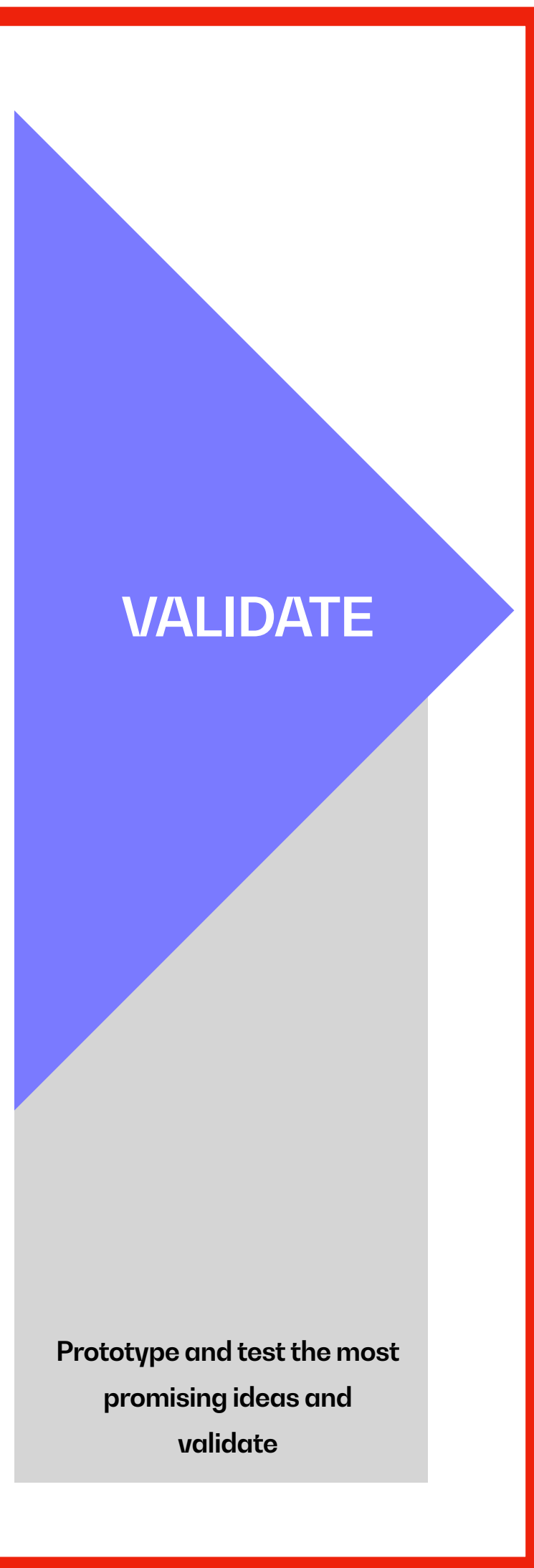
- **Sketches and Diagrams**
- **Paper Interface**
- **Storyboards**
- **Role-Playing**
- **Physical Models**
- **Surveys (be careful)**







Life-Centred Visionary Innovation



Final Outcome

- **Validate assumptions**
- **Validate features**
- **Collect additional insights about the problem and/or solution**
- **Generate validation (and move forward), iteration or pivot**

What are the main assumptions that you need to test next? What are the main features that your experiments or prototype should have to test these assumptions? 🚦

What's worth showing to and testing with possible users? 🙋

What makes explicit your idea's value proposition? 😊

✅ In group, brainstorm what should be incorporated into your prototype or experiments.

✅ After that, freely vote on the main features.

✅ Pick the 3-6 best-voted features and move to the next step.

3 votes per person



Tie-breaker decider vote



Ok, now you have an idea of the main features your prototype or experiment should showcase.

Next you need to define how this will be built into an actual prototype or experiment.

Remember, there are many different ways to prototype and experiment! It all depends on your idea and what you want to test with possible users.

✔ Copy and paste the 3-6 best-voted features from above.

✔ Plan what and how you will test! Based on the main features identified, fill in the table: create one hypothesis for each feature you want to test and plan what's needed to successfully do so.



#	We will test the feature...	We believe that...	To verify that, we will...	To test this, we need to...	We will test this with ___ possible users	We will target this test at...	The test will be successful if...	Kill, Pivot or Persevere
1								
2								
3								
4								
5								
6								

Our solution is a...

Time to get dirty! Time for you build your prototype or experiment!

Now that you have everything planed, it's time for you to build your prototype - to start testing your solution with potential users.

✅ **Before you start building your prototype or experiment, take some time to reflect on your solution. Is it a:**

1. Business Model
2. Physical solution
3. Digital Solution
4. Service

Discuss it with your mentor.

This will help you deciding on the best way to showcase your idea and its features and to test the hypothesis you want to validate.

✅ **Explore different tools and options before building your prototype or experiment.** What are the main advantages of each one?

Check some of the tools you can use to build your prototype.

✅ **Together with your mentor, decide what your prototype or experiment will be! Explore 1 or 2 possibilities and evaluate which suits your purpose better.**

✅ **Build the prototype or experiment to test your solution. Tell us what it is - and show it!**

A Business Model

A Physical Object

A Service

A Digital Product

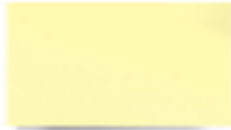

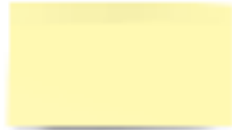
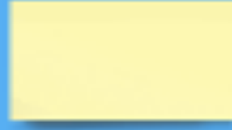
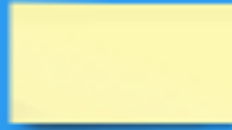
Types of prototype or experiment

You can prototype your solution with:

- Paper interface
- If it's a service, do a role-playing or make a demo video
- Sketches and Diagrams
- If your product is on a screen, try tools like Keynote or PowerPoint and InVision or Marvel
- If it's an object, modify an existing object, 3D print a prototype, or prototype the marketing
- If it's on the web, design a landing page with Wix, Instapage, or Unbounce
- AI Tools
- Legos

A good prototype or experiment is

- Quick
- Cheap
- Minimal
- Testable
- Measurable

Prototype/Experiment	Pros	Cons
Prototype/Experiment #1	 	
		
		

Paste your initial prototypes or experiment plans here!
Remember: it can be an image, a video, a link to an external tool... be creative!

Now that you have a first prototype or experiment, it is time to start testing it!

✔ Based on your planning, test your prototype or conduct your experiment with potential customers to validate the features you created.

Do different tests to validate your ideas and keep track of the results using the Learning Cards to your right.

Do as many tests as you need to test and validate your hypothesis.

✔ Fine-tune your prototype or experiment. Based on the learnings from each cycle, make improvements and changes to it.

Prototype/Experiment #1 report

Learning Card

Strategyzer

Test Name	Deadline
Assigned to	Duration

STEP 1: HYPOTHESIS

We believed that

STEP 2: OBSERVATION

We observed

STEP 3: LEARNINGS AND INSIGHTS

From that we learned that

STEP 4: DECISIONS AND ACTIONS

Therefore we will

Copyright Strategyzer AG

Prototype/Experiment #2 report

Learning Card

Strategyzer

Test Name	Deadline
Assigned to	Duration

STEP 1: HYPOTHESIS

We believed that

STEP 2: OBSERVATION

We observed

STEP 3: LEARNINGS AND INSIGHTS

From that we learned that

STEP 4: DECISIONS AND ACTIONS

Therefore we will

Copyright Strategyzer AG

Prototype/Experiment #XX report

Learning Card

Strategyzer

Test Name	Deadline
Assigned to	Duration

STEP 1: HYPOTHESIS

We believed that

STEP 2: OBSERVATION

We observed

STEP 3: LEARNINGS AND INSIGHTS

From that we learned that

STEP 4: DECISIONS AND ACTIONS

Therefore we will

Copyright Strategyzer AG

An example

You have tested your prototype and conducted some experiments!

✅ It is time for your final conclusions!

Based on the tests done:

- Fill in the table to your right: identify all tested features, if your decision was to Kill, Pivot or Persevere, and main learnings.

✅ Discuss and validate your learnings and conclusions with your mentor to prepare the final prototype.

✅ Based on your value proposition, and on the final version of your prototype, think about situations that can express and explain this.

✅ Create a storyboard for your prototype, in which you show how customers will use and interact with.

You have now all you need to build your final prototype!

You experimented different tools and performed several validation tests.

It is time to build your final prototype.

✅ Select the right prototype type, based on the experiments you did.

Tell us what your final prototype is and why.

✅ What are the main features of your prototype.

✅ Identify your prototype solution main goals.

✅ Refine your prototype based on testing and feedback and finalize it.

Prototype/Experiment #	Features tested (list the features tested in each cycle)	Kill, Pivot or Persevere (list and identify the decision for each feature)	Main Learnings
1			
2			
3			

Key Resources

Post here the storyboard for your solution (a visual representation of your solution)

Value proposition

Show us your final Prototype! (photo, video, external link, etc...)

Channels

/ past projects

LET ME TELL
YOU A STORY





turning waste into furniture...

#future directions #IKEA Industry #fungi-based material
#turning waste #into resources #into furniture #ME310



expanding the låsa advantage...

#future directions #IKEA Industry #one-step assembly
#mechanism #small scale #low price #great value #ME310





Cities are going pedestrian.



When cars can no longer access the
center of cities, how can we move
people from A to B?



When cars can no longer access the
center of cities, how can we move
~~people~~ from A to B?

When cars can no longer access the
center of cities, how can we move
stuff from A to B?





Ford CARGO



Modern Delivery for the Busy City

In the future, crowded cities will become even more dense as a projected **67% of the world's population move to urban areas**. To make space for this surge in population density, cities are **eliminating vehicles from entering the city core**. While this restriction reduces the feasibility of current commercial delivery methods, it opens the market for a new delivery device. **Meet CarGo. More packages, delivered faster, with less effort.**

INTUITIVE INTERFACE. SEAMLESS INTEGRATION INTO FORD TRANSIT.
LOW PROFILE STORAGE. VERSATILE CONFIGURATIONS. REDUCED LOADING EFFORT.

ONE CART. THREE CONFIGURATIONS

CarGo is a delivery vehicle built with the user in mind; three cart configurations allow the user to use the cart according to his or her preference.



INTUITIVE DRIVING

CarGo features an ergonomic handle with haptic direction control, for easy and intuitive maneuvering with one hand or two.



FORD TRANSIT EXTENSION

Storage is a minimal effort endeavor for the user; CarGo slides seamlessly into the back of the Ford Transit.

MOTORIZED

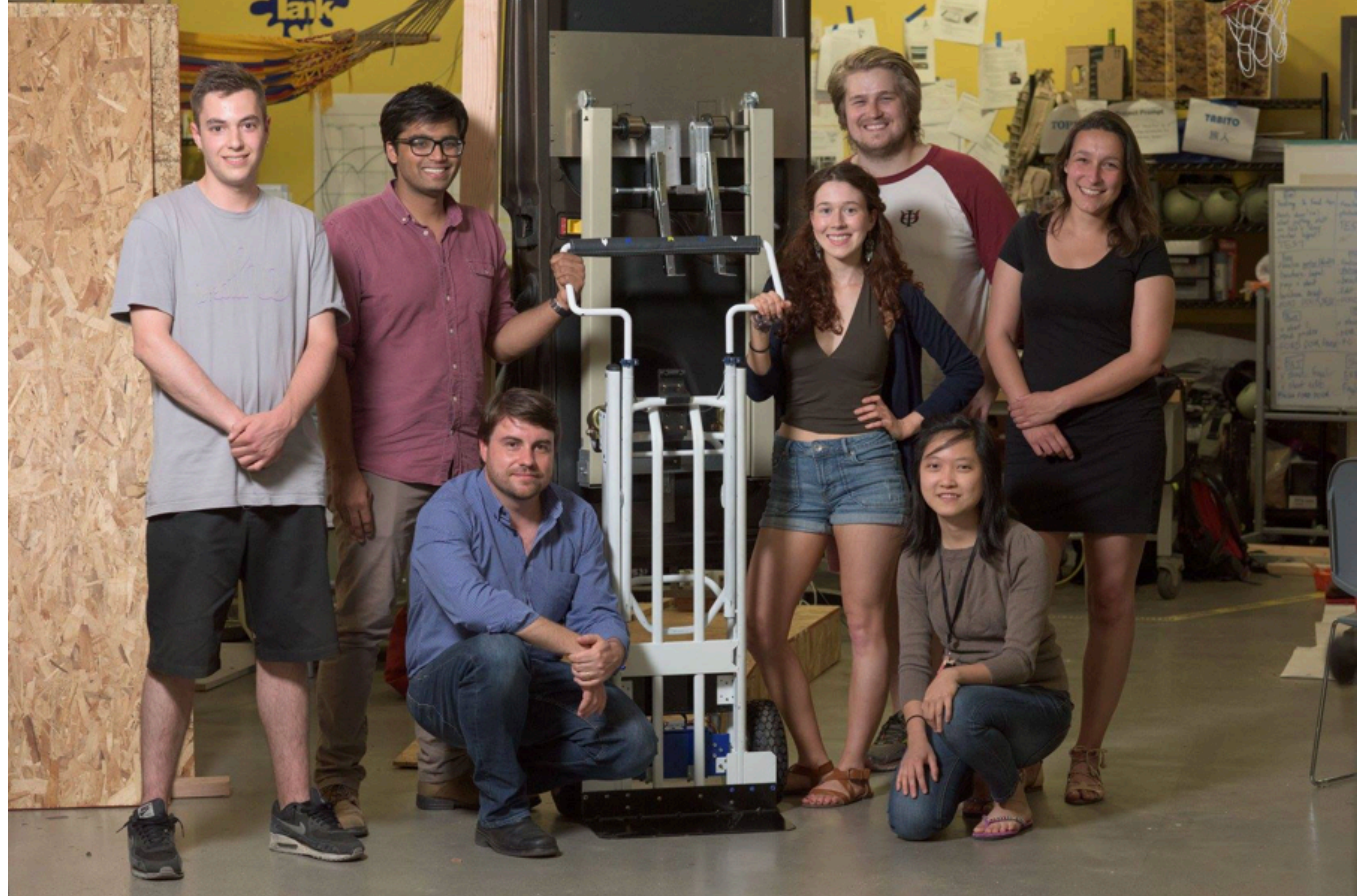
CarGo allows for stress-free, reduced effort transportation of heavy loads.



With CarGo, distribution of goods is simply more efficient.
CarGo empowers workers to "Go Further"!

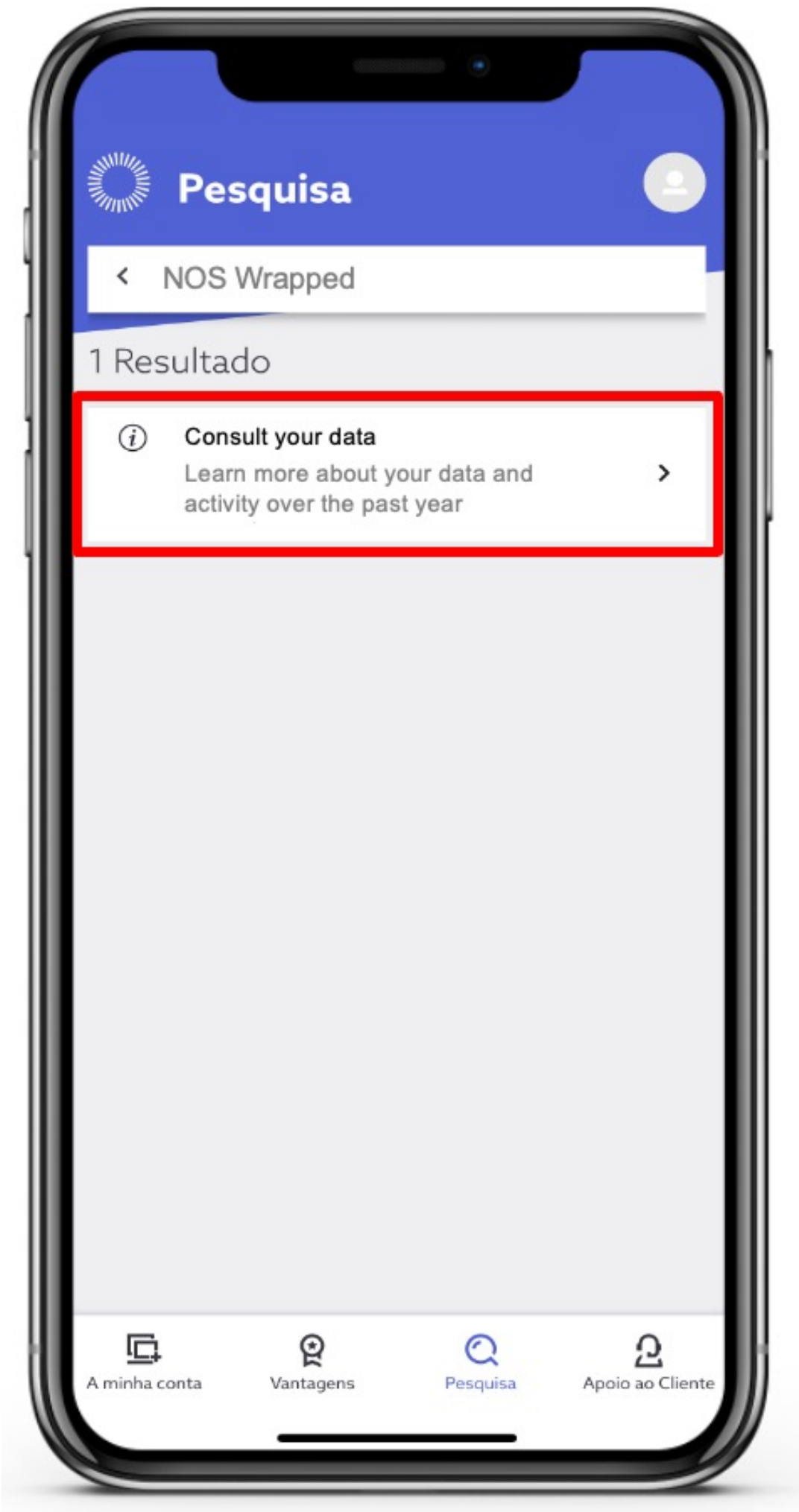
THE TEAM Griffin Price Katarina Góis Michelle Chernick Moisés Neves Pedro Pereira Kunal Shah Wut Yee Oo
LIAISONS Sudipto Aich Jamal Seagraves Chih-Wei Tang **COACHES** Adrit Lath







PROTOTYPE



CompalCulator



S+C Database

- Flavor Profiles of Ingredients
- Customer Feedback
- Sourcing Data
- Taste Profile
- Compatibility
- Costs & Substitutes

Input

ENGINE

Input



External Database

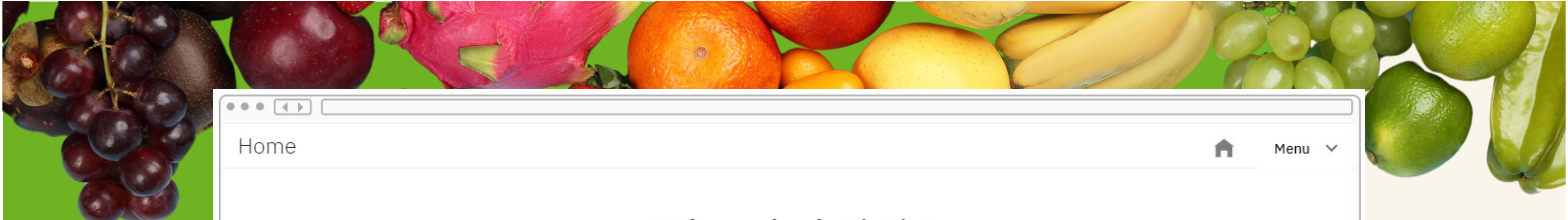
- Market Trends
- Growth Rates
- Regional Data

Output




Output

AI tool with customized flavor prediction and access to historical data




Home



Menu

Welcome back, SipSip!

Home is where the heart is, and in our case, it's also where the blender hums, concocting delightful beverages that make every sip feel like a warm welcome! 🍷🏠



Your Profile

Name:

SipSip

Industry:

Beverage

Specialty:

Artisanal Teas and Fruit-Infused Drinks

Target Market:

Health-conscious young adults and millennials

Geographical Focus:

Urban areas in North America and Europe

Edit Data

Since your last visit, our mixologists have been busy as bees:

☆

+1.3 K

New Consumers

Embrace the diversity of taste with each new consumer joining our flavor journey.

☆

+14

New Flavor Trends

Stay ahead with our real-time count of emerging and exciting flavor trends.

☆

+4

New personalized Flavors

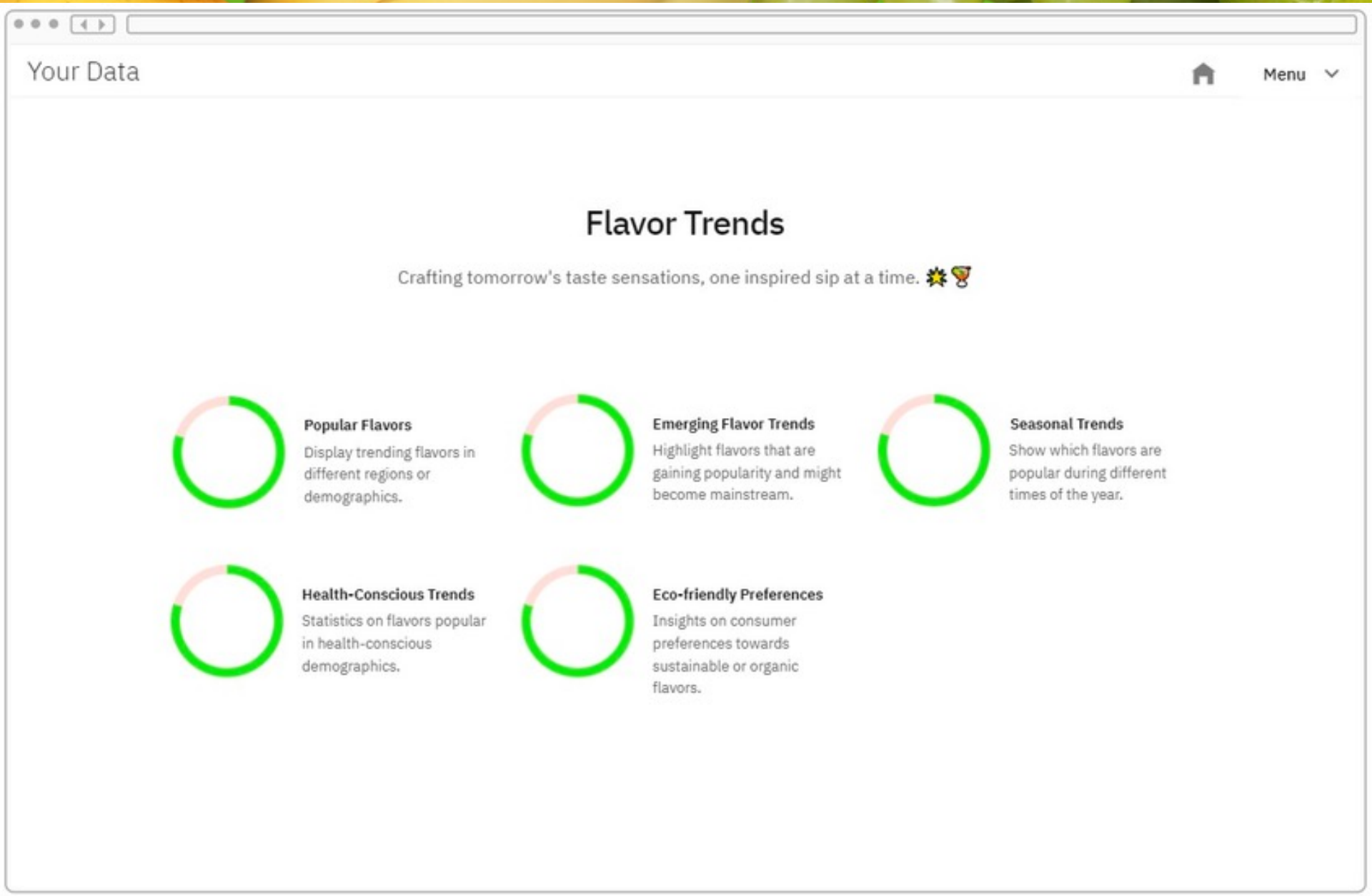
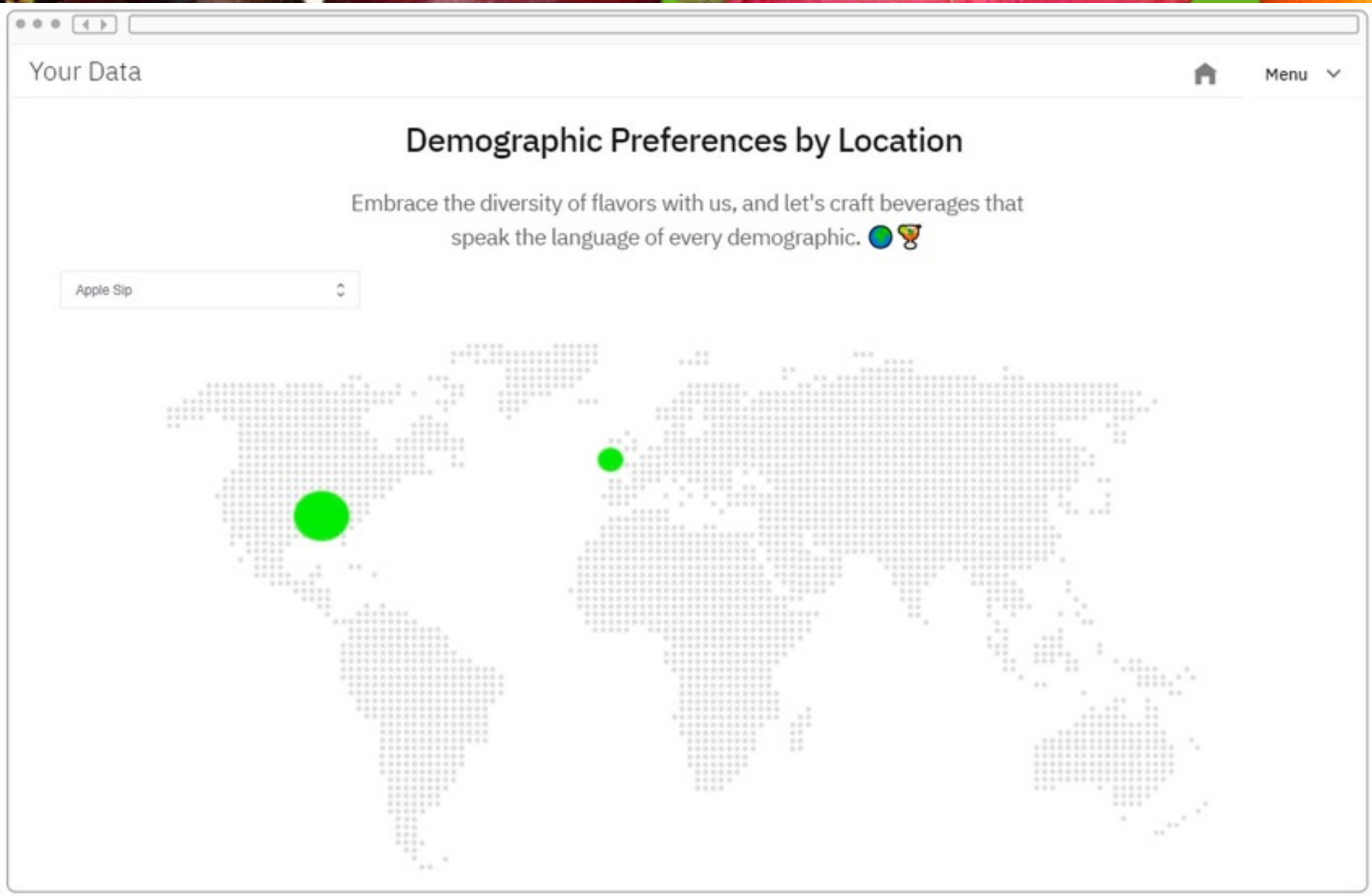
Celebrate each unique, user-created flavor concoction added to our vibrant palette.

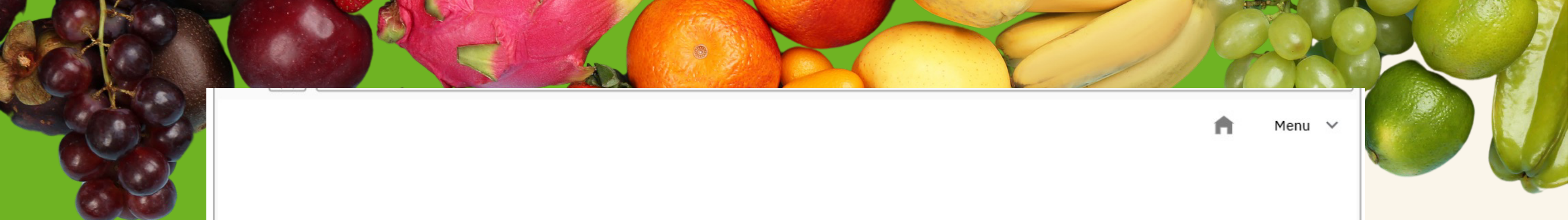
☆

+5

New Locations identified

Witness our growth with every new location that welcomes our world of flavors.





CompalCulator AI - Your Precise Flavor Architect

Let's create not just beverages, but experiences that linger on the tongue and in the memory. 🧠🍷

Option 1

Option 2

Option 3

Herbal Wellness Blend:

A caffeine-free herbal tea blend incorporating stress-relieving ingredients like lavender and chamomile, catering to the wellness trend.

Ingredients

Primary Ingredients:
Lavender, Chamomile
Supporting Flavors: Lemon balm, Mint, Rose petals
Sweeteners (Optional): Stevia or Honey (for natural sweetness)
Base: Rooibos or Green Tea (Caffeine-free options)

Costs

Production Cost per Unit:
Estimated \$1.50 (includes sourcing of organic herbs, sustainable packaging)
Retail Price per Unit:
Suggested \$3.99 (competitive pricing considering the organic and wellness market)

Nutritional Information

Calories: 0 kcal (without sweeteners)
Sugar: 0 g (without added sweeteners)
Caffeine: 0 mg
Other: Rich in antioxidants, naturally soothing and calming properties

Taste Profile

Flavor: A delicate, floral taste with notes of lavender and chamomile, balanced by the freshness of mint and a subtle hint of citrus from lemon balm.
Aroma: Calming and aromatic,
Aftertaste: Smooth and slightly sweet, leaving a refreshing and soothing sensation.

Market Value

Target Demographic: Health-conscious consumers, particularly those interested in stress relief, relaxation, and wellness.
Sales Forecast: High potential in urban markets and online wellness communities. Expected to appeal to a wide range of consumers.

CompalCulator AI - Your Flavor Artist

Your drink, your rules. Unleash your inner mixologist and paint your palate with flavors that tell your story. 🎨🍹🌈



Step 1
Choose Your Base

Sparkling Water ▾



Step 2
Pick Your Primary Flavors

Strawberry
Vanilla
Dragon Fruit
Elderflower



Step 3
Add Supporting Notes

Mint ▾



Step 4
Sweeten to Taste:

Honey ▾



Finish!
Personalize Your Aroma & Color

Natural Colorants ▾

Mix →

Ingredients

Primary Fruits: Mango, Passion Fruit
Supporting Flavors: Pineapple, Coconut water, Lime juice
Natural Sweeteners: A touch of honey or cane sugar (optional)
Base: Sparkling water or still water (as preferred)

Costs

Production Cost per Unit: Estimated \$1.75 (includes sourcing exotic fruits, natural sweeteners, and environmentally friendly packaging)
Retail Price per Unit: Suggested \$3.99 (offering a competitive price for a premium exotic beverage)

Nutritional Information

Calories: 60 kcal (with minimal natural sweeteners)
Sugar: 14 g (natural sugars from fruits and added sweeteners)
Vitamin C: 25% of Daily Value
Hydration: Enhanced with electrolytes from coconut water

Taste Profile

Flavor: A vibrant medley, with the sweetness of mango and passion fruit at the forefront, balanced by the tang of pineapple and the refreshing hint of lime.
Aroma: Exotic and enticing
Aftertaste: Light and refreshing with a subtly sweet and tangy finish

Market Value

Target Demographic: Young adults, fitness enthusiasts, and consumers seeking exotic, refreshing drinks.
Sales Forecast: High potential in both specialty health food stores and general supermarkets. Likely to be popular in summer and in regions with warmer climates.

GROUP WORK

/thank you.

