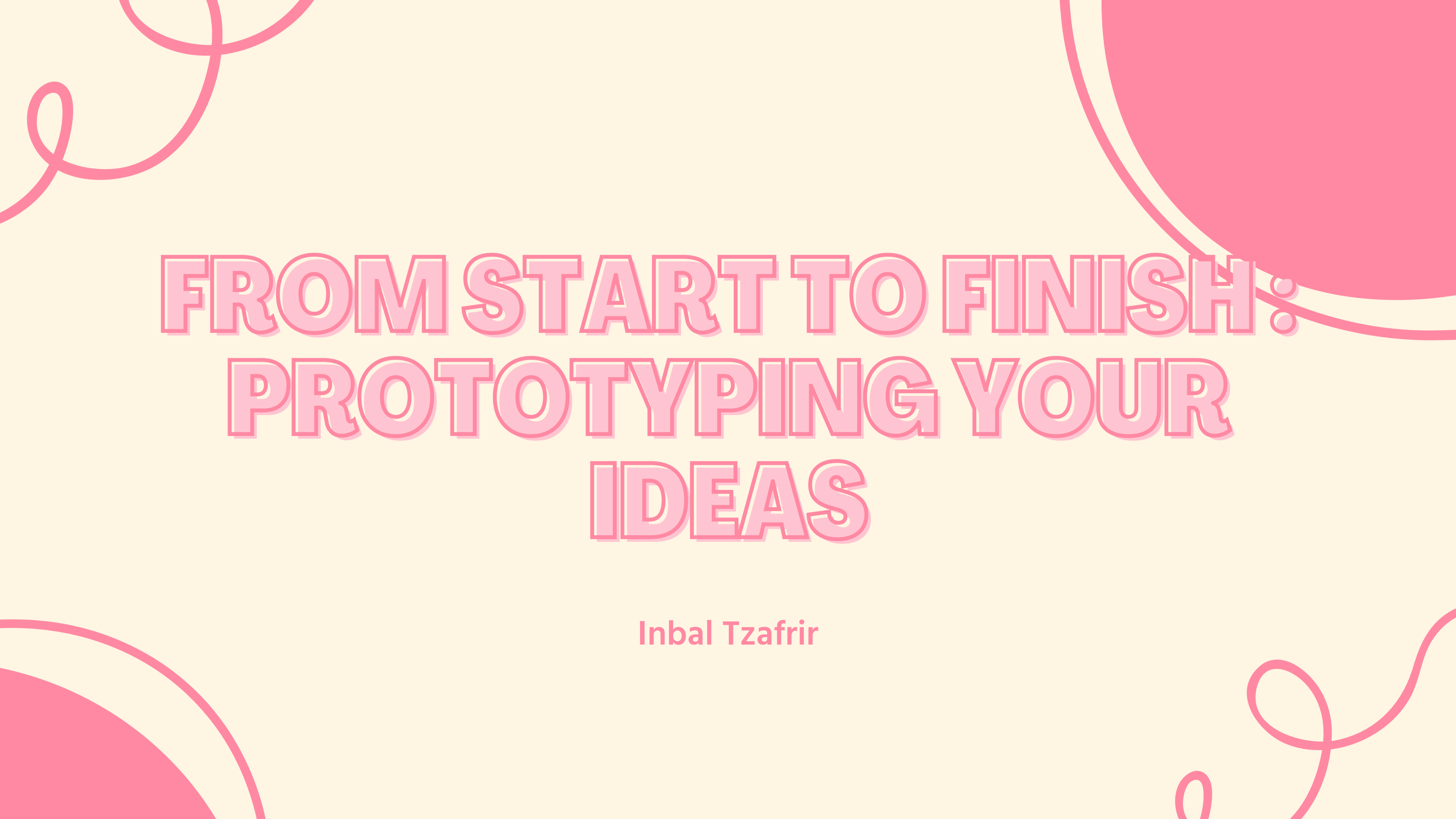




FROM START TO FINISH: PROTOTYPING YOUR IDEAS

Inbal Tzafrir

WHO AM I?

- Grade 12
- STEM Advocate
- YIS 2024 Young Innovator of the Year Award in the 16-19 Age Category
- Founder of Misophonia Wellness Society (MWS)

WHAT IS MISOPHONIA?

- Sound Sensitivity Disorder
- Gap I noticed
- Why does it matter?

THE SPARK: WHERE IDEAS BEGIN

My “spark” with Misophonia

- Tip: Great projects often start from problems you care about
- Find 2-3 problems in your life/community



ACTIVITY #1: **WHAT IS YOUR SPARK?**

What bothers you?

What excites you?

- Find several topics/problems in your life/community
- What are you excited to solve?

REFINING THE PROBLEM

From a general idea to a more specific one

- General problem statement: “Misophonia is not widely known and so treatment is often inaccessible”
- Specific problem statement: “Children with Misophonia lack access to real-time, affordable, and effective tools.”

ACTIVITY #2: CREATING A PROBLEM STATEMENT

- Take one of the problems you chose before and create a problem statement
- Problem Statement e.g.: “Children with Misophonia lack access to real-time, affordable, and effective tools.”
- Tip: Frame your problem clearly → this will guide every decision

GENERATING SOLUTIONS

- Tip: no idea is “too wild” in the beginning → generate solutions freely
- As you further explore and research your problem, more specific solutions can be formed

ACTIVITY #3: GENERATING SOLUTIONS

- Chose one problem
- Find two to three possible solutions
- Tip: no idea is “too wild” in the beginning → generate solutions freely

DESIGN THINKING PROCESS

It's a cycle!

- **Empathize** – Understand the user
- **Define** – Clearly articulate the problem
- **Ideate** – Brainstorm multiple ideas
- **Prototype** – Create a basic version
- **Test** – Try it, get feedback, **improve**



OBSTACLES & HOW TO OVERCOME THEM

It's not always easy...

- Balancing schoolwork & time management
- Limited access to resources
- Experimental & technical challenges
- **Remember:** setbacks are part of the process*

FINAL TIPS

- Start with a real problem **you care** about
- **Stay curious** & persistent
- Test early & **often**
- Set **mini-deadlines**
- Ask mentors & friends for **feedback**



LET'S BUILD SOMETHING AMAZING!

- Q&A
- Stay in touch: LinkedIn [Inbal Tzafrir](#)

THANK YOU