Prototypes

# What can a PP2 Prototype Look Like?

* Website
* Game
* Platform
* Proposed industry regulations
* Business processes
* An ML/AI system
* Software
* Hardware

Responsible Innovating in and for the Global South   
  
Increasingly, UN agencies and other NGOs are leveraging emerging technologies - like AI and blockchain - to develop and iterate new solutions to issues faced by societies in the Global South. Initiatives like the World Food Program’s Innovation Accelerator and community efforts like Techfugees are trying to use technology to create and collect solutions for wicked problems of displacement, hunger and poverty. For example, Techfugees aims to nurture an ecosystem of tech innovations designed by, with and for displaced people [1]. Programmers, engineers, entrepreneurs, NGOs and startups have all came out in support of Techfugees, to create strategies and find meaningful long-term solutions to the crisis.

Another example is the United Nations World Food Programme Innovation Accelerator. It’s an initiative that sources, supports and scales innovations to achieve Zero Hunger [2]. In fact, these two examples and many other similar initiatives such as hackathons and open-innovation events are organized everyday across the world to support projects particularly by, with, and for the people in the global south. They encourage entrepreneurs and engineers to come up with new solutions, in order to scale the promising innovations. They leverage unprecedented advances in digital innovation—such as mobile technology, artificial intelligence, big data and blockchain—and new business models to transform the way we serve vulnerable communities across the world.

# How to decide

Consider:

* What are you good at?
* What skills do you want to show off?
* What are you proud about?
* How can this work help people?
* You have the opportunity to create something interesting and have free regain to decide what that is, or could be.
* You have the opportunity to show off your skills and abilities.
* You have the opportunity to put the skills you’ve developed in another class into action here!

I hope you build, create or prototype something that:

* Will be useful for people who might use it.
* Interests you.
* Would be system you would want to use.
* Uses your knowledge and skills or helps you to build new ones.
* Is ethical, effective and useful.

# What are some ideas of prototypes you can create?

* A system for time asynchronous remote interview for people in rural and remote communities in order to better understand their needs.
* A blockchain platform that would allow people in refugee camps to undertake banking.
* A system to better support governments to understand the perspectives of their communities when considering tech, but doesn’t breach privacy.
* A set of guidelines for innovation labs to engage with remote communities or communities facing a technology leap.

# Remember

Use your business canvas (described in your flipped classroom materials) to decide if what you are proposing is a good idea or not!

Every student in this class must have some great skills. Those skills, knowledge and ability are what has allowed you to get into a Master level program. Please put those skills to use in this unit to build your prototype.

If you need help, please ask me. I am happy to provide feedback, to help you test out your ideas or to come up with ideas of what you would like to make.