

Research Report



SUPPLYFRAME
DESIGNLAB
HACKADAY PRIZE 2020

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Goals

Discover their implicit needs.

Map their workflow.

Identify their users, clients and other personas involved in their workflow.

Understand their work scenarios.

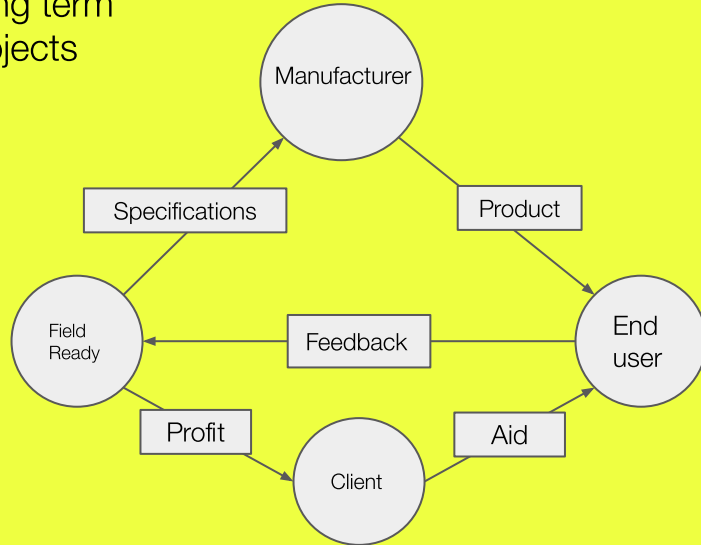
Map their current solutions and tools.



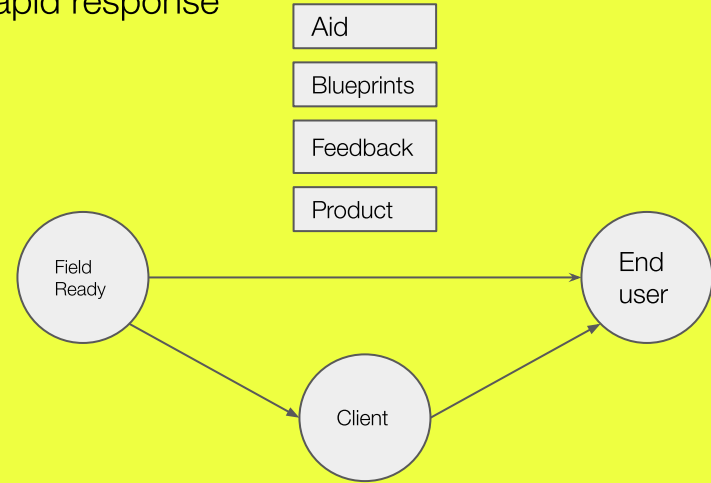
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System Map

Long term
projects

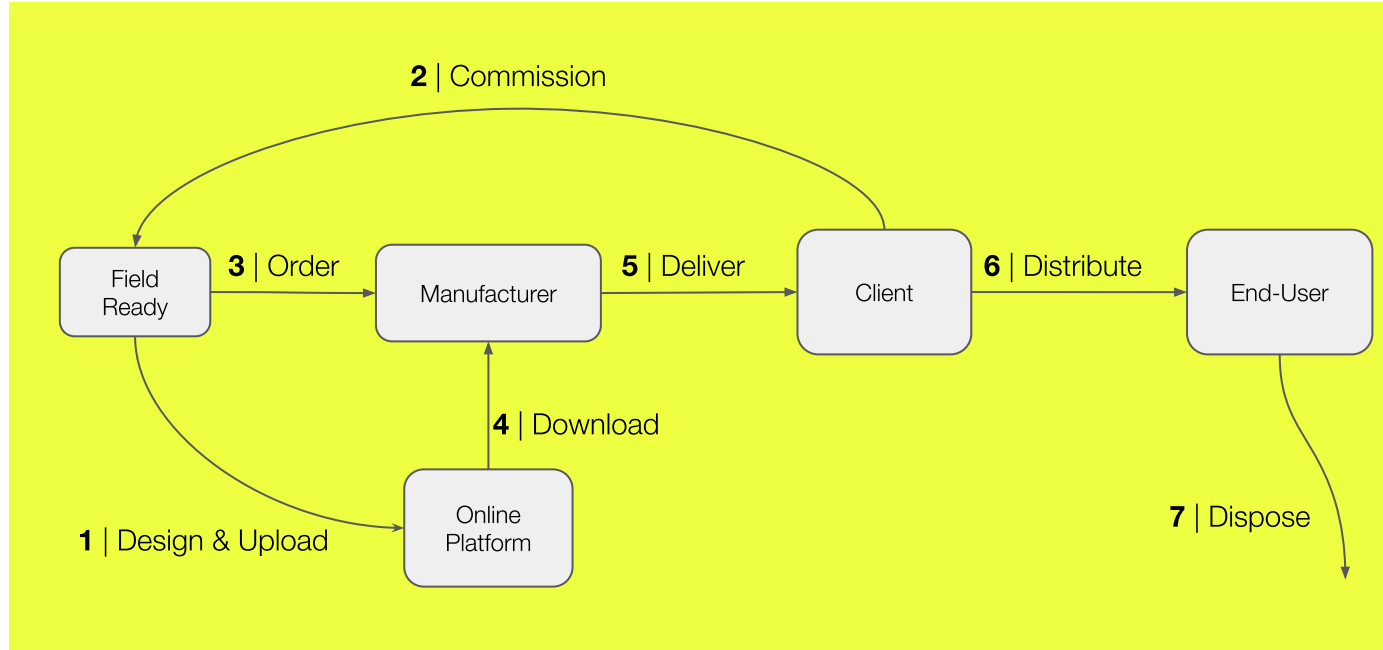


Short term
rapid response



Order Flowchart

Long Term

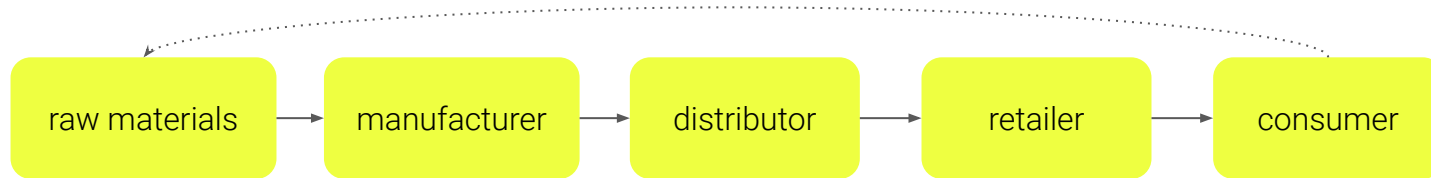


Traceability

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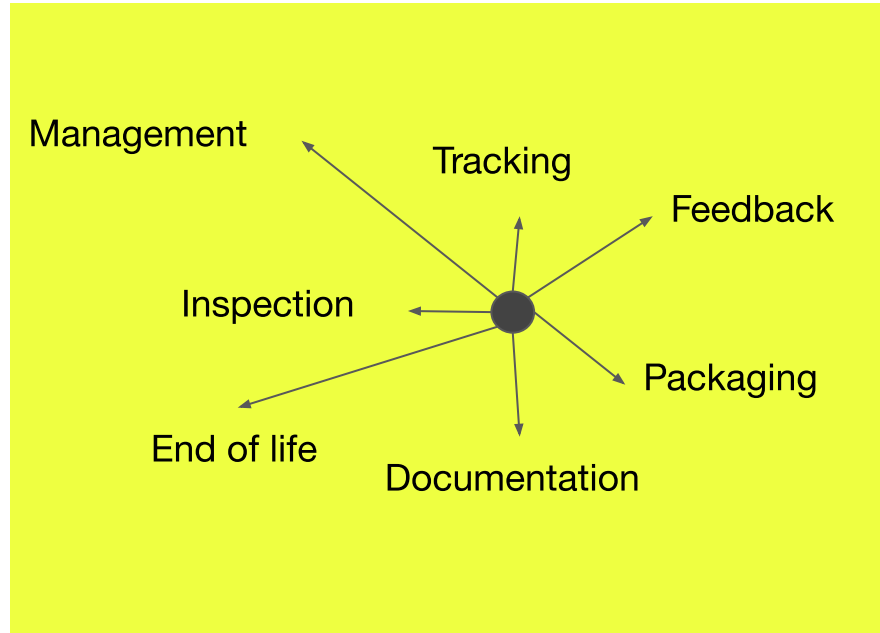
UK /,treɪsəˈbɪləti/ **US**

the ability to discover information about where and how a product was made



At each stage, information about previous stages should be available

Insights



Software

Hardware

User Centred Design

Constraints

Simple

to encourage use

Affordable

to ensure adoption

Size-agnostic

suitable for small and large devices

Material-agnostic

for multi-material usage

Language-free

or multi-language

Fast

not increase manufacturing time



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*How might we create solutions to evaluate
and improve product quality within Field
Ready?*



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Challenges

How might we deploy a reliable, trusted framework for inspection of decentralized manufacturing?

How might we design this framework for easy transitioning?

How might we enable easy maintenance and quality control for long term projects?



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Challenges



How might we track information and products in rapid response disaster relief scenarios?

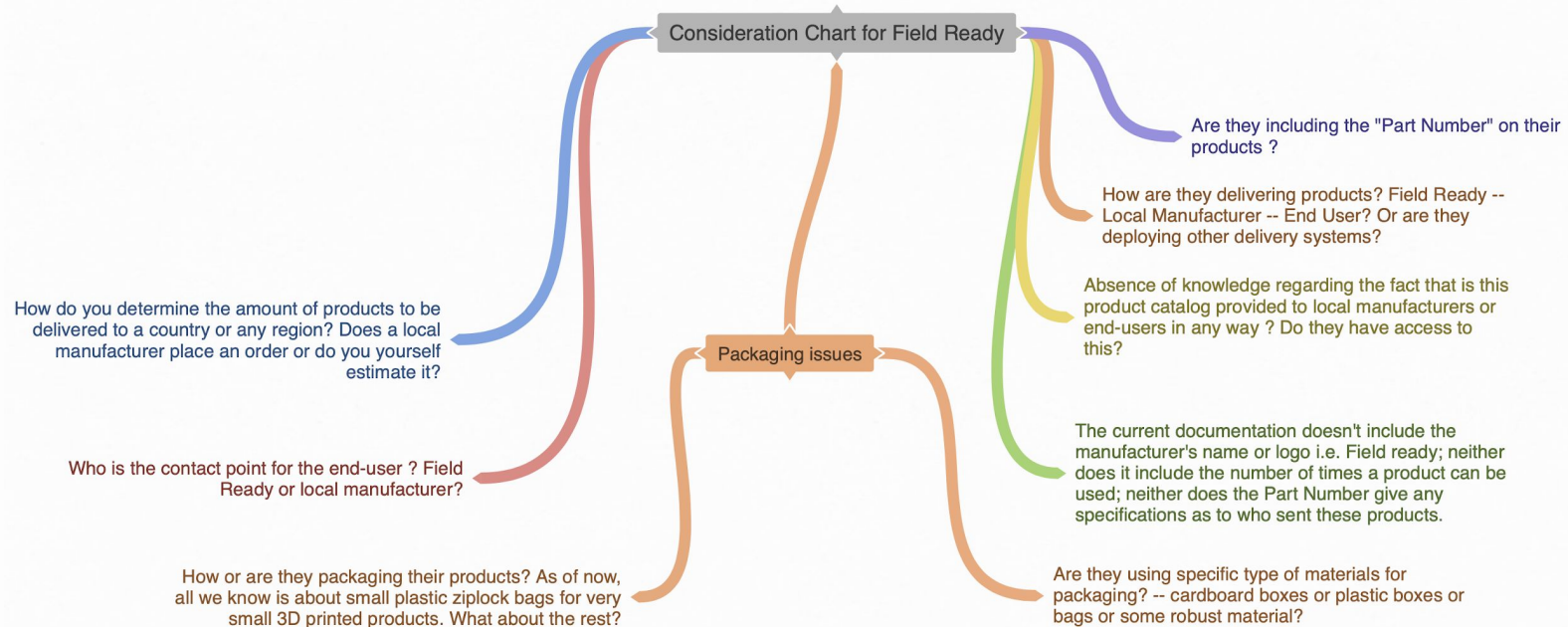
How might we come up with a labeling system for all sizes and materials of FR products?

How might we implement a labeling and tracking system which ensures consumer protection and user-friendliness?



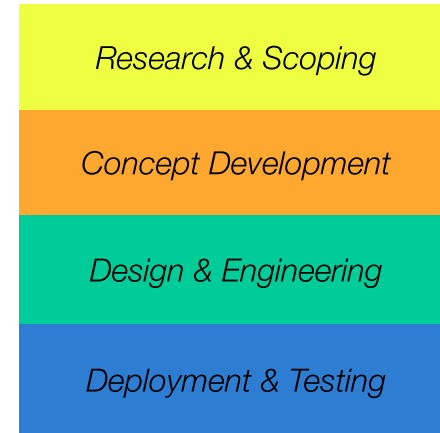
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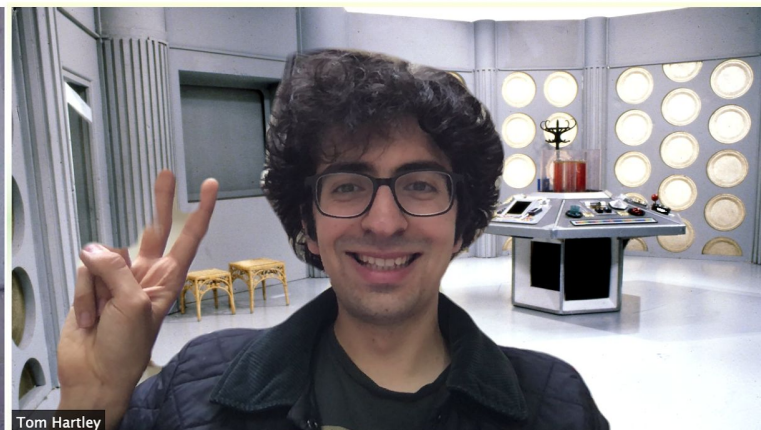
Consideration Chart



Project Timeline

	Mon	Tues	Wed	Thu	Fri	Sat	Sun
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							





FIELD READY



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