

Hi-Fi Applications

Stress test your moonshots through high-fidelity prototyping

Description

Armed with data and insights from their med-fidelity prototype, innovators should now refine their design/business model further, submit an application and request funding and approval to conduct a high fidelity prototype. Unlike the previous prototypes, innovators must submit a proposal including more detailed explanations of how they will solve the 'huge problems' and projections of the impact as well as financial viability within the time period required to achieve the preferred future state.

Suggested time 2 months

Level of difficulty Difficult

Materials needed Materials/Budget to build and test a working model with multiple system components.

Steps

1

Review prototyping 101 powerpoint

2

Fill out Hi-Fi prototyping application

3

Innovators conduct their prototypes

4

Innovators share their findings

Check how we used this in WFP-X:

Mural Link - Hi Fi Application: <https://docs.google.com/document/d/1Yi4qNL8Qtw2QimYTmnnj0xcnSf5Y4p4M/edit>

Prototyping 101: https://drive.google.com/file/d/17k7gTSBfEIEvzFs7prISKBugsmOmQHU_view

Example of Hi-Fi presentation of results: <https://drive.google.com/drive/folders/1yLuizw1xMGjVSWa8MwhvYSEb1iQXkt-l>

Tool 18 / Hi-Fi Applications

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101 powerpoint

STEP 2

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INNOVATION
ACCELERATOR

Hi-Fi Prototype Application

Your task in this step

Innovators to fill out Hi-Fi prototyping application for further funding and support

Prototype Application

A. Executive summary

1. Moonshot name:
2. Innovators:
3. Moonshot description in one sentence (Max 150 characters)
4. What is your main goal for this prototype phase? (Max 100 words)

B. Innovation Overview

1. What are the Huge Problems that you are trying to solve and who are the groups of people affected by this?
2. What is the size and importance of the problem?
3. What is your proposed moonshot solution to the stated problem?
4. What are the specific north star falsification criteria you are aiming to meet and how will your moonshot solution accomplish them?
5. Who are the main users of your solution? How will they use it?
6. How is your solution different from alternatives? What is your competitive advantage?
7. What is your 2030 future vision? (*Tip: Use the moonshot north star. What would the perfect future state be and who would benefit?*)

C. Progress to date

1. What are the key assumptions that you have tested to date?
2. What have been the results of the tests you have run? What did you learn?
3. What evidence of traction do you have?
4. What have the prototypes revealed to you about pivots or changes needed in order to be successful?

D. Potential to Scale

1. What is the operational or business model behind your idea?
2. What are your growth projections?
How will the project be financed in the medium and long term?