

Hypothesis Machine

A framework to help establish and guide startups



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Problem Statement

- Entrepreneurship is a difficult road wherein you have to constantly tackle obstacles.
- Uncertainty and Scarcity of resources are omnipresent
- Startups also fails due to various other reasons: poor decisions, not really a problem, not really a solution

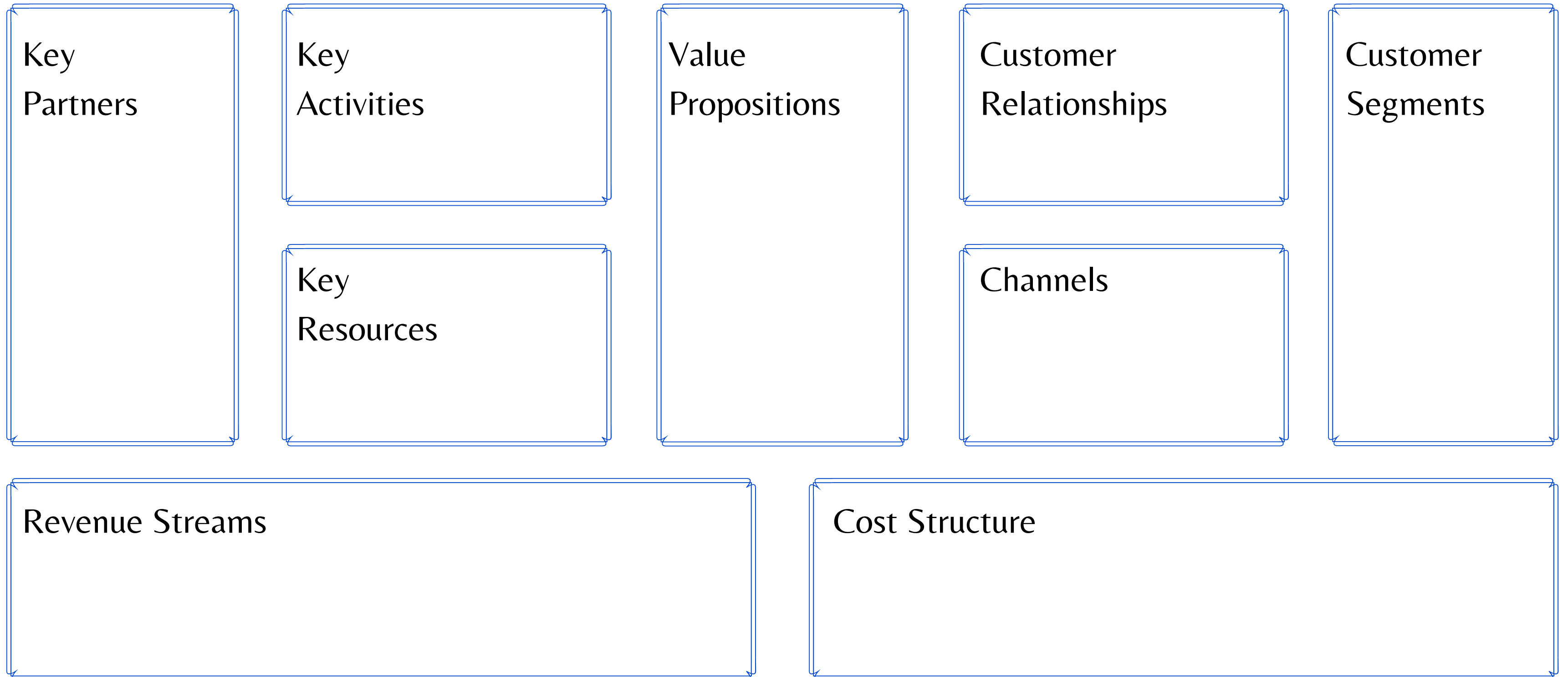
Research Goal

The goal of this research is to **improve the usage of resources** by designing, constructing, assessing, and evaluating a framework such that adaptability of hypothesis-driven approach is made easier in order to **help entrepreneurs with the growth of their startup**.

How does it work?

- 1 Divide your entire startup strategy into various hypotheses categories. Formulate hypotheses for each category.
- 2 Apply research methods to test these and grow your idea.
- 3 A pop-up feature that reminds you to check your backlog and decide if a hypothesis is still valid.

Hypothesis Categories



Here is an example...

Board

Hypothesis Machine Prototype

Trello workspace

Free

Private

S

Invite

Butl

Backlog

Key Resources

As a co-founder I would like to know if my team is complete so that we can start working on the next steps.

Key Resources

As a co-founder I would like to know if team has all the required technical knowledge to build the MVP.

Key Activites

As a co-founder I would like to know if the introduction deck to pitch the startup is complete so that we are ready for the meetings with investors.

Key Activites

As a product owner I would like to know that using x algorithm will help make the application faster so that the application quality is ensured.

Key Activites

Key Partners

As a co-founder I would like to know that we will be accelerator ready in the next six months.

Key Activites

Value Propositions

Customer Segments

As a co-founder I need to have an MVP so that we can start getting feedback from the early adoptors.

Channels

+ Add another card

In Progress

Key Resources

Cost Structure

As a product owner I would like to know if in the next three months we will have to buy extra 5 GB of cloud storage so that increasing data size is managed.

Key Resources

As a co-founder I would like to hire an employee so that we can manage our marketing needs

Key Activites

As a product manager I would like to know if the MVP will be complete in the next three months so that we can assess the development speed.

Key Activites

Revenue Streams

As a co-founder I would like to know if adding feature A will help us increase our monthly sales by 5% so that I can perform valid financial forecasts.

Key Activites

As a product owner I need to know if we need to optimize existing algorithm to improve data extraction so that the run time is reduced

Key Partners

As a co-founder I need to know if we can partner up with DHL so that we

+ Add another card

Complete

Key Resources

As a product owner I need to know the current workload of every team member so that I know if I need to hire a new employee to develop the MVP

Key Activites

Key Resources

As a product owner I need to know the current occupancy of everyone so that I can decide if we need to hire two to research the implementation of new feature.

Key Partners

As a co-founder I need to know the existing data storage solution so that I can decide if we will have to partner up with Azure for cloud storage

Value Propositions

Customer Relationships

As a co-founder I need to know if we will achieve 50% customer satisfaction in next quarter so that I can plan the future strategy for acquiring and retaining customers.

+ Add another card

Fututre Hypothesis

Key Resources

As a team we need to assess our competencies so that we can decide if we will need a principal advisor to help us with financial forecasting

Key Resources

As a co-founder I need to ensure that the company has enough funding for next six months so that I can plan for further expansion.

Key Activites

Customer Segments

As a co-founder I need to know if using feature B we can attract customers from age group 30-50 so that I can plan the customer retention/acquiring strategy.

Channels

As a co-founder I need to know if we can reach more customers if we create a social media campaign so that we can plan the product release accordingly.

Revenue Streams

As a co-founder I need to know that if we buy Azure premium then the price of our product will go up by 5 euros so that I can assess future revenue.

+ Add another card

How can you benefit?

- 1 Receive free startup coaching from us. We will guide you with hypothesis development, prioritization, and research techniques.
- 2 Your idea is safe with us. All the information gathered will be used anonymously for our research only.
- 3 You can back out of the entire project at any point of time.

How can you participate?

Send us an email

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Schedule
meetings

Meet regularly
with us (2 hours
every two weeks)

Provide feedback

