



08 Platform Tools and Resources

*“Nature runs on sunlight.
Nature uses only the energy it needs.
Nature fits form to function.
Nature recycles everything.
Nature rewards cooperation.
Nature banks on diversity.
Nature demands local expertise.
Nature curbs excesses from within.”*

-Janine Benyus

Experts



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Challenge Background

What is the best way to bring a knowledge framework, Talent Pool, and Innovation ideas to the world — in the open — to allow as many as possible teams, and individuals of any kind to use it, reflect on it, produce ideas, table the challenges, generate revenue and continually increase the reputation of It.

It is not easy, it needs Platform thinking and a strategic approach particularly to fit above the complexity:

It's not a matter of choosing a fancy way to build a platform, but of understanding the deep opportunities that are available upon imagining the Platform's core functions includes, including processes, workflows, organizational value, Governance value, innovation value, and Co-creation process at the same time while attracting with, monetizing, empowering, motivating and incentivizing it – Hence Technology tools play a vital role but this does not mean implement every possible new feature or development methodology, platform thinking encouraging to take appropriate decisions when building the foundation of a solution. Existing functionality may already be offered as part of a 3rd party system or service which may eliminate the need for development while providing a cost-effective, managed, secure, and scalable option. It is clear the next wave of innovation in technology is not about new technology but about recognizing that technology is being “embedded” in a Platform.

Shopify is probably one of the most advanced companies in the world at the moment and is able to define value-based dynamic Technological change as modular design or Lego design Shopify uses modularized technological enablers such as Stripe's APIs, and Google Cloud to run its systems and provides.

Relation To Goal

The Platform we envision are interconnected, collaborative, Open system for value creators and value consumer

The Global Talent Platform must have a clear technology/ tool process for allowing simplified connected open methods towards producing value in terms of talent to retain, empower and educate in its value chain that allows reciprocally value consumers (Sponsor) to get attracted with the beacon of value creator to host challenges at the global scale – GTP believes the openness is resilience strategy moving from user-centric to community-centric where content and talent will produce and consume in a natural manner that makes us learn how to behave collectively.

Few example

- The Technological system should design a platform to support in removing the concept of individuality or peer race to promote more collective / community-centric, achieve network effects, and enable non-linear, exponential growth.
- The Technological system should enable the human desire to connect, share, and cohere in communities and determine how to monetize, incentivize.
- The Technological system to be boundaryless and global solutions that improve human well-being, social, technological economic, and climate challenges, etc.

Problem Statement

Based on the design principles of the Global Talent Platform, since this is global -scale project that is just in the starting stages, GTP team requires a Platform model to be built in order to understand the technology being implemented and how it can be used from following topics

- 1) Ui/UX
- 2) Elasticity
- 3) Scalability
- 4) Security
- 5) Reachability
- 6) Simple Orchestration
- 7) Modular
- 8) Analytical

Solution Requirements

The “Revolutionize IT” challenge is to design a draft Platform model to identify the high-level plan for building the GTP . This includes developing and acquiring the Technology in association with what features of GTP.

Tools

■ Background links

- <https://medium.com/@stevencarpenter/shopify-platform-theory-kpis-moats-strategic-analysis-e0aa005142d2>
- [Managing in a VUCA World - Team Management Training From MindTools.com](#)
- [The 7 Key Principles of Platform Design - Boundaryless](#)
- [What is Sustainability - YouTube](#)
- https://www.youtube.com/watch?v=aRaRMz6MBPA&feature=emb_logo

■ Resource links

- Platform Model • Platform Model Canvas Explained | Enterprising Oxford
- The Business Model Canvas - <https://www.boundaryless.io/blog/the-7-key-principles-of-platform-design/>

■ Subject matter experts and challenge pathway

Communication Tips

- Ask the subject matter experts to get insights
- Create sticky notes, drawings and data/graphs, if necessary
- Clearly summarize all components of the canvases
- Upload your solution to the platform



Ready, Set, GO!

- Leaders of the group discuss the strategy, define roles to fill out the canvases
- As a group, discuss the background and review any relevant links and literature
- Assign group tasks for the allotted time
- Reconvene the team approximately 20 minutes prior to session end
- Communicate your solution in the formats provided to the group

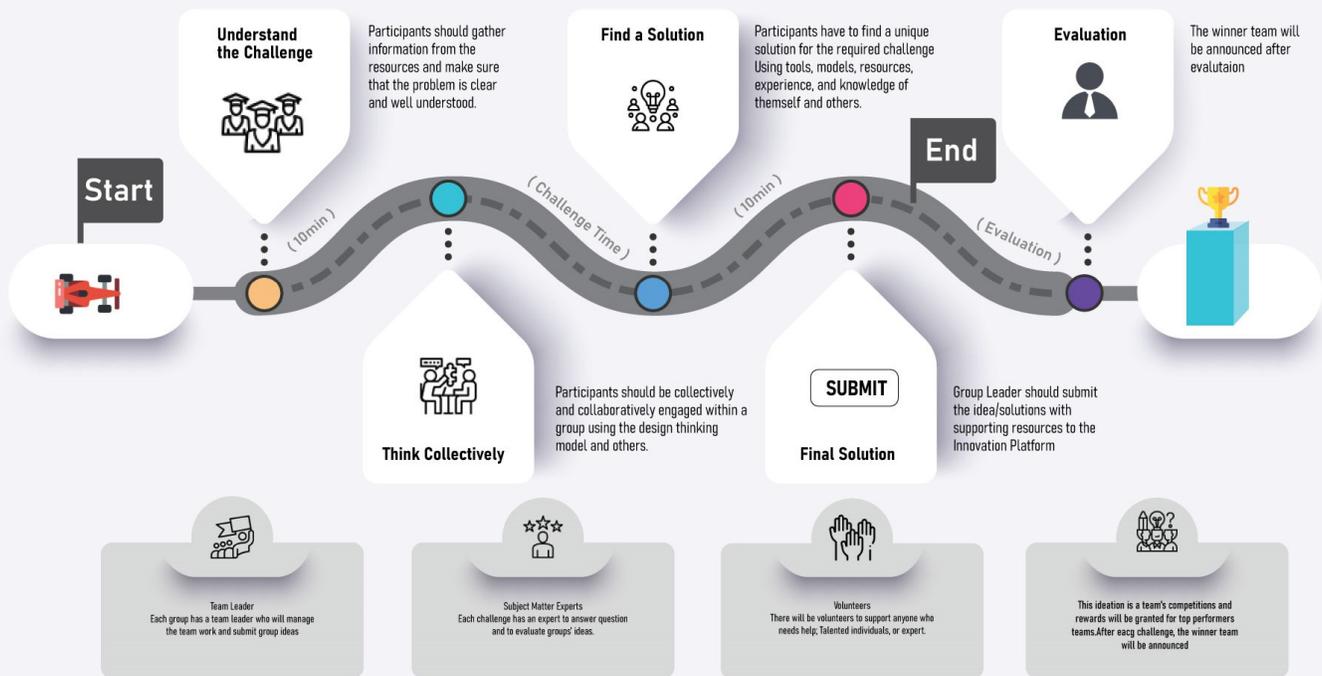
Specific Result

- Summarize all problems
- What Tools are needed
- Toward what problem each tool will be used?

Resources

- [\(12\) What is Sustainability - YouTube](#)
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- [The 7 Key Principles of Platform Design - Boundaryless](#)
- [What is Sustainability - YouTube](#)

How Ideathon Will Happen? For each challenge



Challenge pathway (90m)

1

Understand the problem

Take few minutes to know the understand the real problem and the expected result.

According to the information you gathered through the Challenges, illustrate what resources are needed to develop this platform.

2

Tools Specifications

- Summarize all problems
- Specify the tools needed as solutions.
- Each tool will help on what?

3

All Needs

What is needed to support the whole work?

4

Submit your ideas!

Condition "Design Principles"

Platform thinking variables to be consider for designing a successful platform

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SMART



Platform Objective

Digital Platform is required to design with future talent business needs and priorities, complexity, and technical maturity. We Mawhiba then merge with our patterns, practices, and principles of enterprise platform towards the existence of a Global talent platform – one of its kind at a global scale whose objective is to "Inspire and empower" talent that can create a positive impact on humanity

STEM
Only it serve to talent domain of Science Technology , Engineering and Math.

MODULAR
Module design with micro-services to be integrated with other Sponsor platform.

AGE
The Platform will be for the age group above 19+ to early 30s.

REVENUE
The platform to sustainable with business model characteristics in terms revenue generation.

TECHNOLOGY Platform Virtual
The Platform to be virtual space allows diverse stakeholders to benefit or contribute towards its value.



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Design Principle Cheat List

What is Platform Thinking

- It is Software Based open environment with open infrastructures,
 - It is orchestrator for connecting diverse systems across sectors with our border
 - It is harnesser the network affect
 - Connecting Multiple stake holder towards resource benefit and value output
- In nutshell : The new way of thinking and executing is in terms of participants that interact to create and consume value e.g., Uber,

Ref: <https://www.thoughtworks.com/insights/blog/art-platform-thinking>

What is Platform Design

Platform design involves a spectrum of design choices regarding the infrastructural capabilities and governance mechanisms employed by a platform. These choices are made within the framework of the market within which the platform operates, the interactions that market participants engage in, and the incentives needed to attract participation.

Ref: <https://platformthinkinglabs.com/materials/the-three-design-elements-for-designing-platforms/>