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HORIZON-EIE-2022-SCALEUP-01-01 Expanding Entrepreneurial Ecosystems

MODULE 2: Solution Validation, Crafting Value Proposition and Solution Development



ENTREPRENEDU is a project funded by the European Union under GA 101100507.

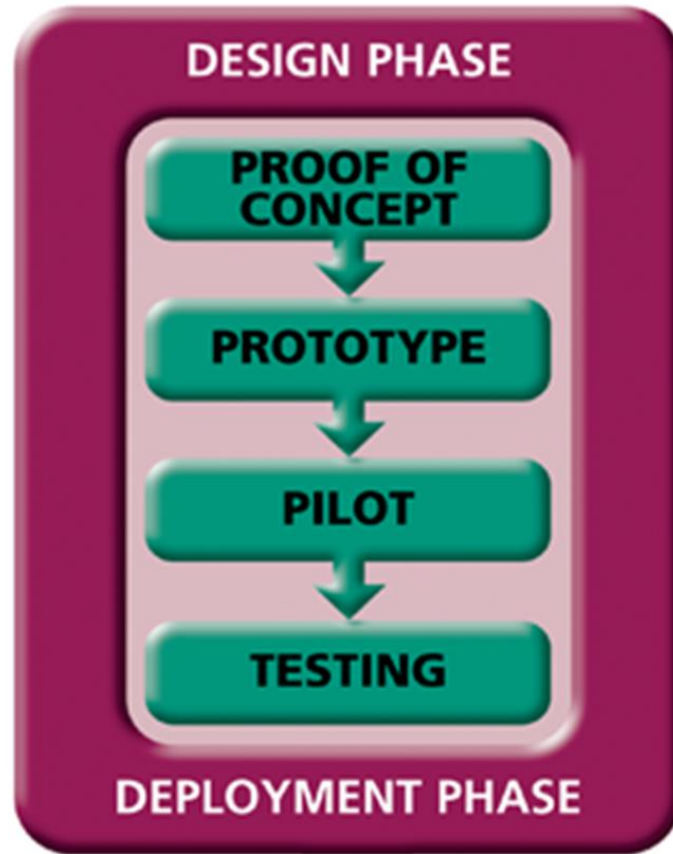


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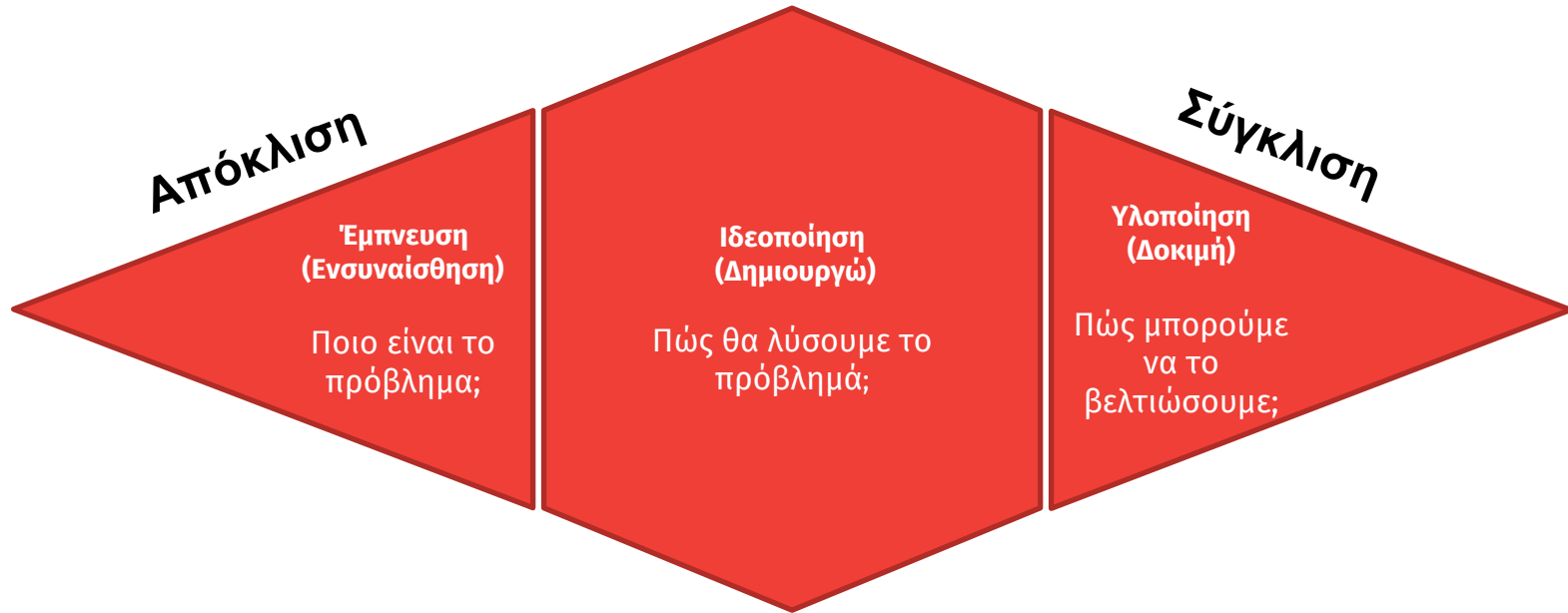
UNIT 1: Solution Validation Methods

Αξιζει τον κόπο; (reality check) Κάντε τους υπολογισμούς σας

- Πόσοι άνθρωποι έχουν το πρόβλημα που λύνετε;
- Πόσο σημαντικό είναι το πρόβλημα (πόσο τους κοστίζει);
- Πόσο είναι διατεθειμένοι να πληρώσουν για να το λύσουν;
- Με τι κόστος μπορείτε να το διαθέσετε;
- Πόσοι άλλοι μπορούν να το διαθέσουν;
- Σε τι έχετε συντριπτικό πλεονέκτημα; (η πιο συντριπτικό πλεονέκτημα θα αναπτύξετε;)



Design thinking



Επικύρωση της ιδέας (Proof-of-Concept / PoC)

- Οικοδόμηση πειραματικής εκδοχής της προτεινόμενης λύσης για την επικύρωση των τεχνικών εφαρμογών σε καίρια σημεία
- Πρωτότυπο
- Μακέτα
- Mock-up
- Προσομοίωση κλπ
- Δοκιμή
- Ανατροφοδότηση από εν δυνάμει χρήστες και ειδικούς
- Διεξάγεται νωρίς στον κύκλο ανάπτυξης

Οφέλη:

- επικύρωση της τεχνικής σκοπιμότητας
- εντοπισμός πιθανών παγίδων και λαθών
- προσδιορισμός των περιορισμών
- καθορισμός του εύρους και του επιπέδου των προσαρμογών που απαιτούνται
- εντοπισμός πιθανών ζητημάτων απόδοσης ή συμφόρησης.

PoC

- Έλεγχος υποθέσεων: Καταγράψτε όλες τις πιθανές υποθέσεις που έχετε κάνει και δείτε αν υπάρχει ένας τρόπος για να τις επικυρώσετε σε πιλοτικό στάδιο.
- Fast to Fail -> Fast to Market
- Κατανοήστε το ρίσκο λειτουργίας σε πραγματικές συνθήκες: Ο ενθουσιασμός πολλές φορές οδηγεί σε υπερεκτίμηση των δυνατοτήτων μας.
- Ελέγξτε τις διαδικασίες: Οι διαδικασίες αντιμετώπισης και χειρισμού καταστάσεων μας βοηθούν να περιορίσουμε τυχόν λάθη. Θα πρέπει να ελεγχθούν σε πειραματικό (πιλοτικό) στάδιο.

PoC

- Δεν δοκιμάζουμε μόνο το προϊόν (π.χ. ανατροφοδότηση από πελάτες που «δοκίμασαν» το MVP), αλλά και μερικές υποθέσεις σχετικά με το εγχείρημά μας;
- Το σχέδιο και η δύναμη της ιδέας: Αντιλαμβάνονται οι πελάτες την ίδια πρόταση αξίας (value proposition);;;
- Το επιχειρηματικό μοντέλο:
 - π.χ. «ποιος θα πληρώσει; πόσο; και σε ποιον».
 - Κάθε στοιχείο θα πρέπει να δοκιμαστεί σε πιλοτική φάση.
 - π.χ. είναι οι καταναλωτές / πελάτες έτοιμοι να αντιληφθούν την πρόταση αξίας;
 - πόσο είναι πρόθυμοι να πληρώσουν;
 - υπάρχει ευαισθησία στη τιμή; και αν ναι, πόσο;

Ένας τρόπος για να ελέγξουμε
τις υποθέσεις μας είναι να...

Πειραματιστούμε!

Πειραματισμός

- Ο πειραματισμός είναι μια μέθοδος που χρησιμοποιείται για την απόδειξη ή την απόρριψη της εγκυρότητας μιας ιδέας ή μιας υπόθεσης.
- Μια υπόθεση ελέγχεται μέσω μελέτης και πειραματισμού.

Ο πειραματισμός περιλαμβάνει

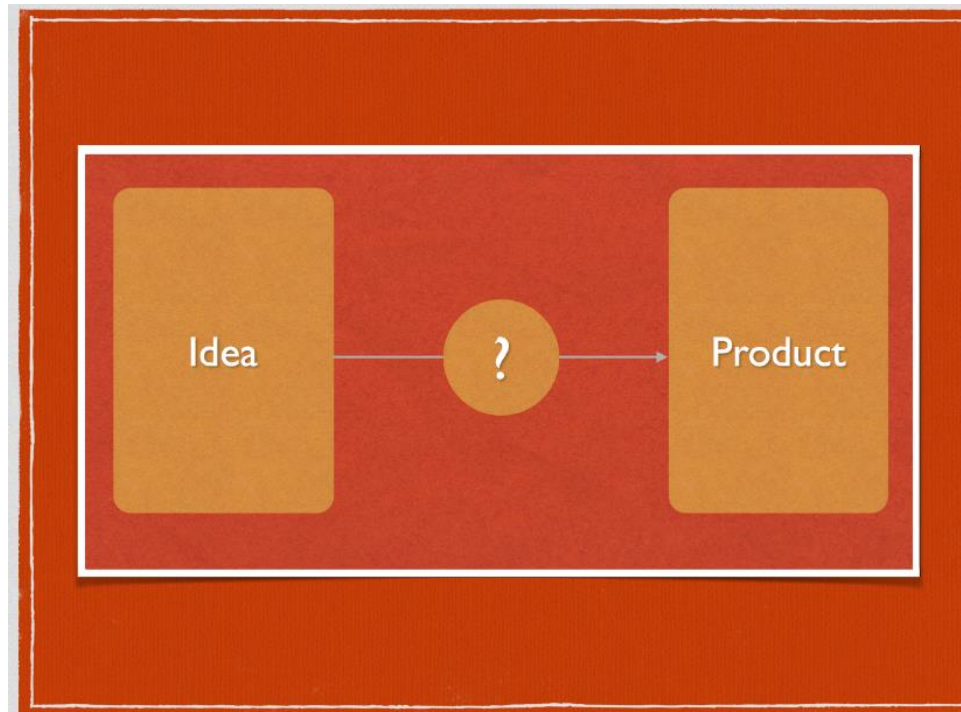
- Ερωτήσεις: ποια δεδομένα λείπουν που καθιστούν αβέβαιο το εγχείρημα;
- Ανάλυση δράσης: τι θα κάνουμε για να μειώσουμε την αβεβαιότητα;
- Δοκιμή σε κάτι νέο: πώς θα δοκιμάσουμε την ιδέα μας;
- Συλλογή πληροφοριών από τον πραγματικό κόσμο: ερωτηματολόγια, δοκιμές, στατιστικά δεδομένα, στοιχεία παρόμοιων εγχειρημάτων/προϊόντων/υπηρεσιών;
- Δοκιμή νέων εννοιών: Γίνονται αντιληπτές οι έννοιες από τους πελάτες; Τι πρέπει να αλλάξουμε για να μην υπάρχουν παρανοήσεις;

6 βήματα του πειραματισμού

- Ερωτήσεις
- Διεξαγωγή έρευνας υπόβαθρου
- Ανάπτυξη υποθέσεων
- Έλεγχος των υποθέσεων με την εκτέλεση πειραμάτων
- Ανάλυση των δεδομένων
- Αξιολόγηση αποτελεσμάτων

Η επιστημονική μέθοδος του πειραματισμού





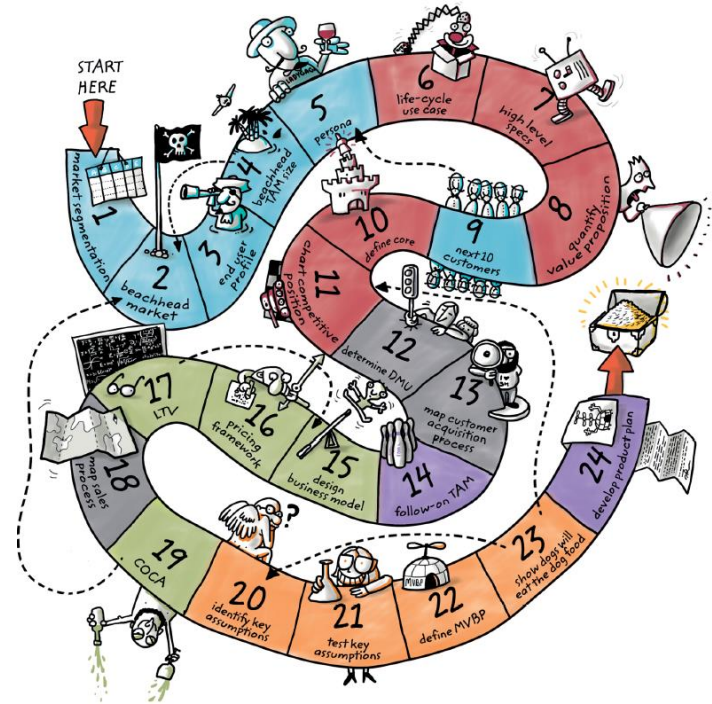
**Get out of the
building!**

Ερωτήματα

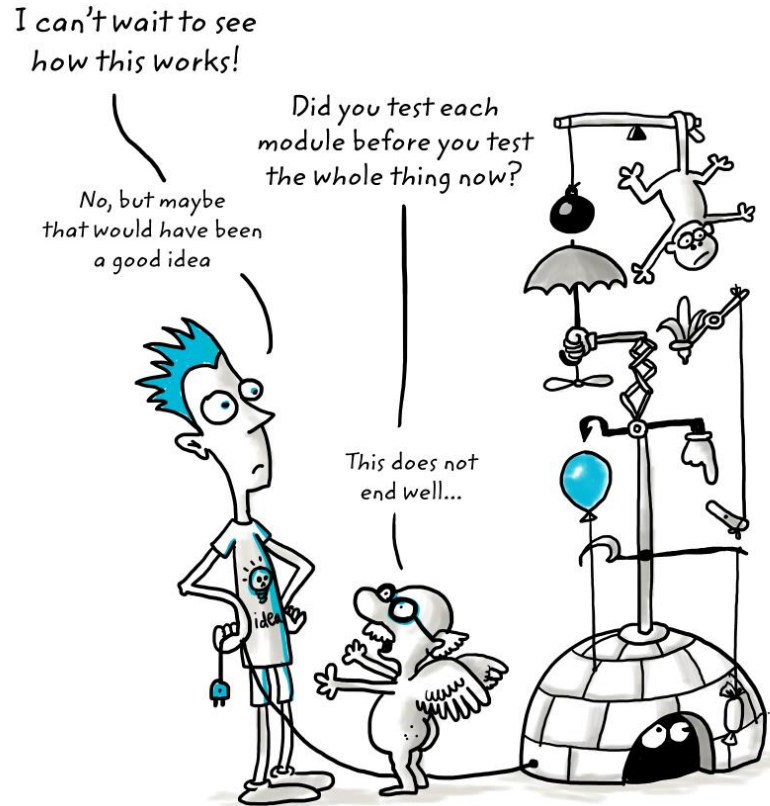
**Είναι κάτι που θέλουν οι πελάτες??
Θα πλήρωναν για αυτό??**

P I V O T

Leg 5: How do you design and build your product?



ΒΗΜΑ #20: Προσδιορίστε τις βασικές παραδοχές (Identify Key Assumptions)



Source: Aulet, B. (2013). Disciplined entrepreneurship: 24 steps to a successful startup. John Wiley & Sons (pp.12-13)

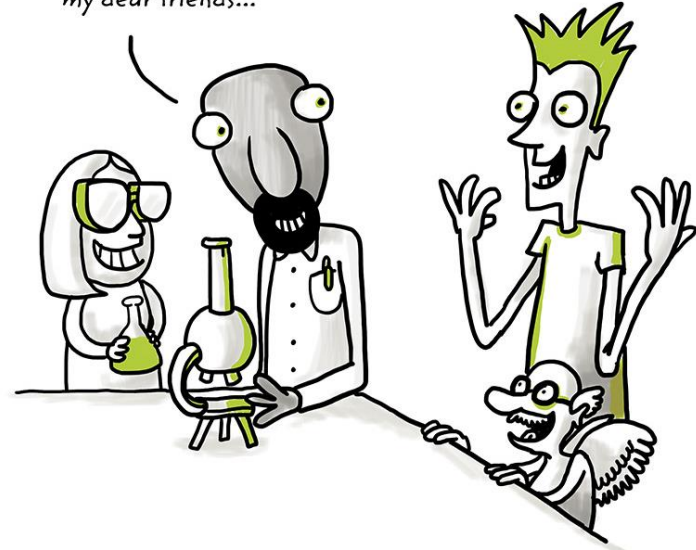
Προσδιορισμός Βασικών Συνολικών Υποθέσεων

#	<u>Υπόθεση (σε σειρά προτεραιότητας)</u>	<u>Συναφή βήματα από τα 24 Βήματα</u>	<u>Επίπεδο κινδύνου</u>	<u>Πιθανός αντίκτυπος εάν η υπόθεση είναι λανθασμένη</u>
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Source: Aulet, B. (2013). *Disciplined entrepreneurship: 24 steps to a successful startup*. John Wiley & Sons (pp.12-13)

ΒΗΜΑ #21: Έλεγχος βασικών παραδοχών / Test Key Assumptions

*While trying to find
that entrepreneurship gene
was a waste of time,
this seems very doable
and productive
my dear friends...*



Έλεγχος κύριων συνολικών υποθέσεων

#	Εμπειρικός έλεγχος (σε σειρά προτεραιότητας από τον σημαντικότερο στον λιγότερο σημαντικό, βάσει των επιπέδων κίνδυνου των συναφών υποθέσεων)	Συναφείς υποθέσεις	Απαιτούμενοι πόροι για τον έλεγχο	Ποια αποτελέσματα θα επικύρωναν την υπόθεσή σας;
1				
2				
3				
4				
5				
6				
7				
8				

Αποτελέσματα ελέγχου βασικών υποθέσεων

#	Τι μάθατε από τον έλεγχο;	Επικύρωσε ο έλεγχος τις υποθέσεις σας; (Ναι, Όχι ή Άγνωστο Ακόμη)	Πως θα ενεργήσετε ως αποτέλεσμα του ελέγχου αυτού (π.χ. αναθεώρηση του έργου που ολοκληρώθηκε στα προηγούμενα βήματα επιπλέον έλεγχος των υποθέσεων');
1			
2			
3			
4			
5			
6			
7			
8			

«Εννέα στις δέκα επιχειρήσεις αποτυγχάνουν, οπότε κατέστρωσα ένα σχέδιο που αποκλείεται να αποτύχει – δημιούργησα δέκα επιχειρήσεις.»

Robert Kiyosaki, αμερικανός συγγραφέας και επιχειρηματίας

Τι είναι Αποτυχία;

- Μια επιχειρηματική αποτυχία θεωρείται γενικά ως ο τερματισμός ενός εμπορικού οργανισμού που δεν κατάφερε να επιτύχει τους στόχους του ή/και να ανταποκριθεί στις προσδοκίες των επενδυτών.

Επιπτώσεις αποτυχίας

ΩΦΕΛΗ

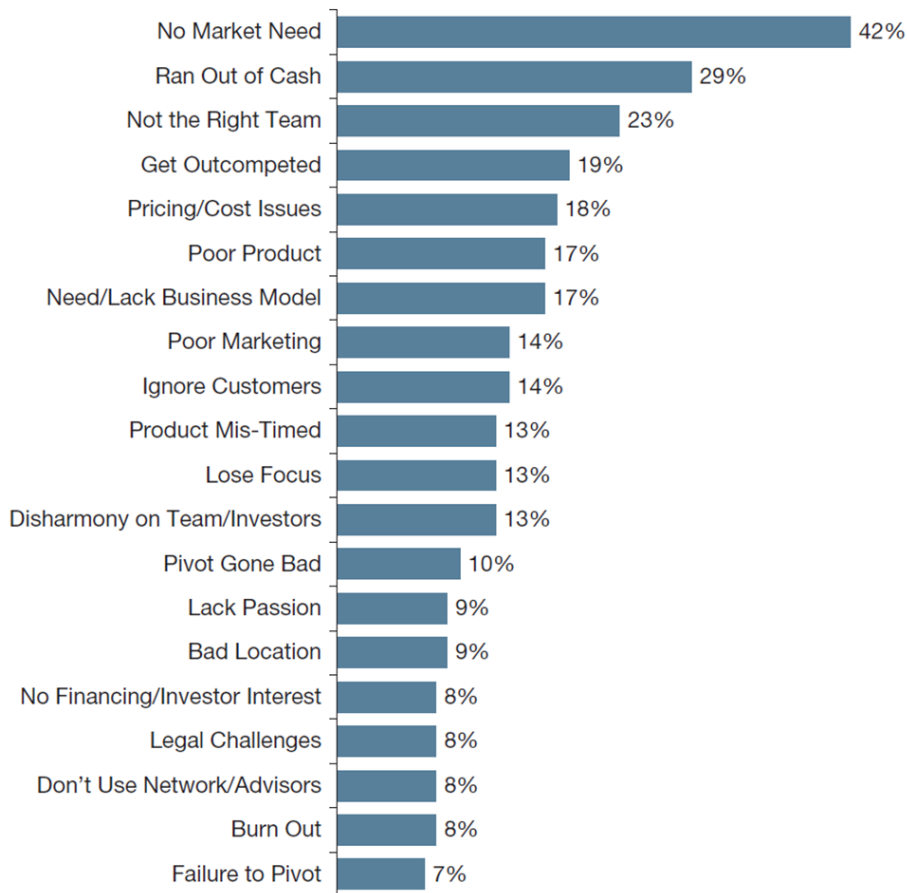
- Εντείνει τη γνωστική διαδικασία
- Η μάθηση συμβάλλει στη βελτίωση
- Κίνητρο για να ξεκινήσετε ένα άλλο εγχείρημα

ΚΟΣΤΗ

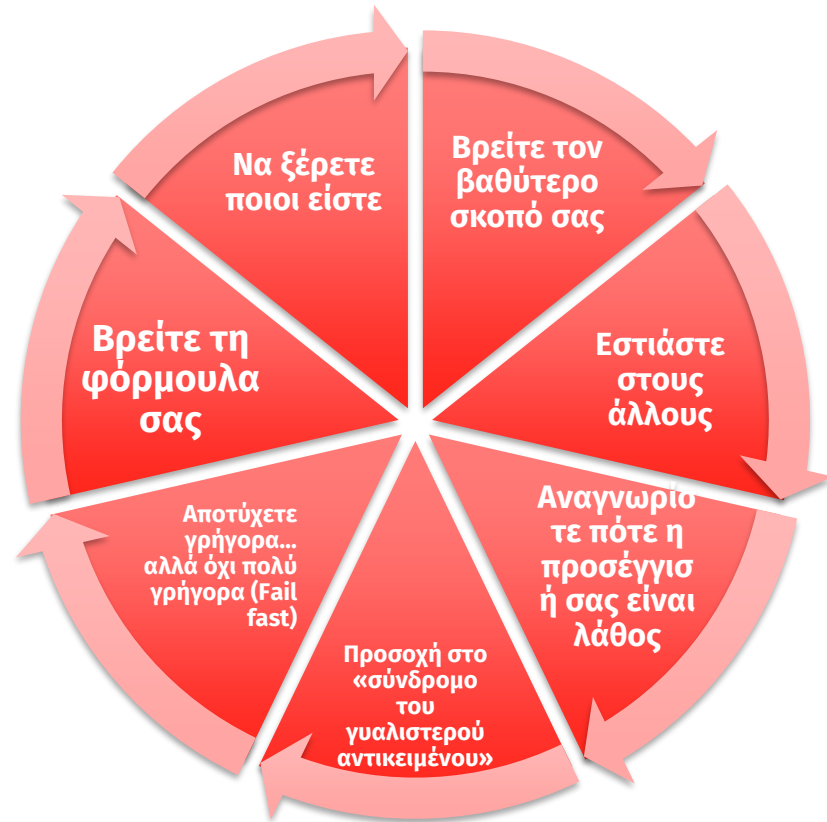
- Οικονομικά δαπανηρή
- Συναισθηματικά επώδυνη διαδικασία
- Μπορεί να μειώσει την τάση για ανάληψη κινδύνου

Οι 20 βασικότεροι λόγοι για τους οποίους αποτυγχάνου ν οι νεοφυείς επιχειρήσεις

Based on an Analysis of 101 Startup Post-Mortems

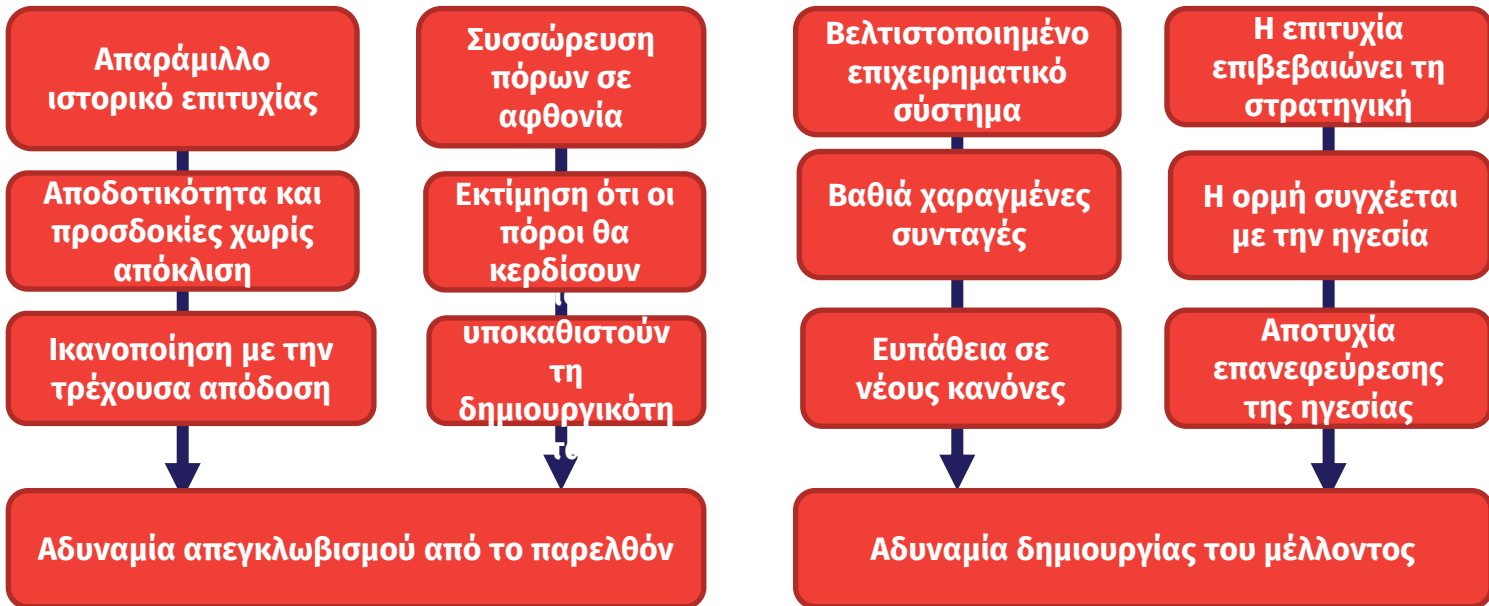


Μαθαίνοντας από την αποτυχία



Και οι «μεγάλοι» αποτυγχάνουν Αιτία; Η αδράνεια

- “In the breast of one who wishes to do something new, the forces of habit raise up and bear witness against the embryonic project” (Schumpeter, 1934: 86)
- Η αδράνεια είναι ενδογενής: αντανακλά τον ενσωματωμένο χαρακτήρα της γνώσης και της συνήθειας





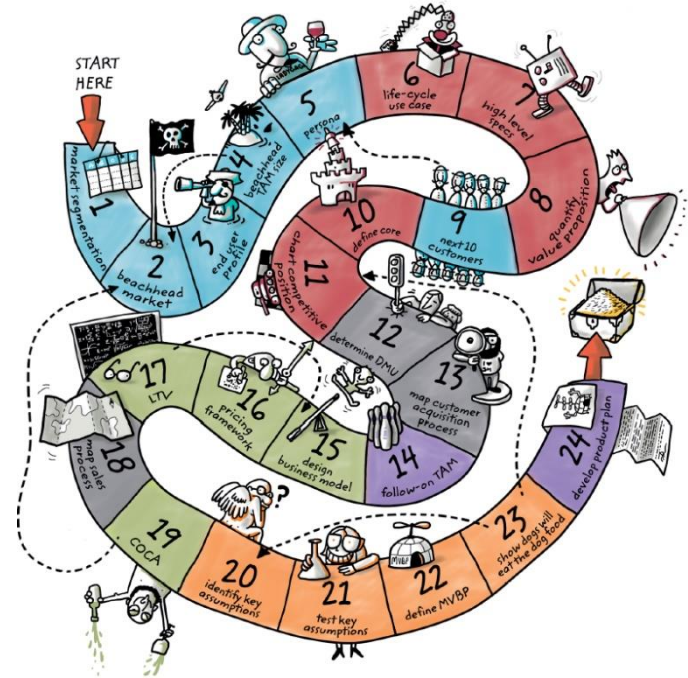
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UNIT 2: Crafting a unique value proposition

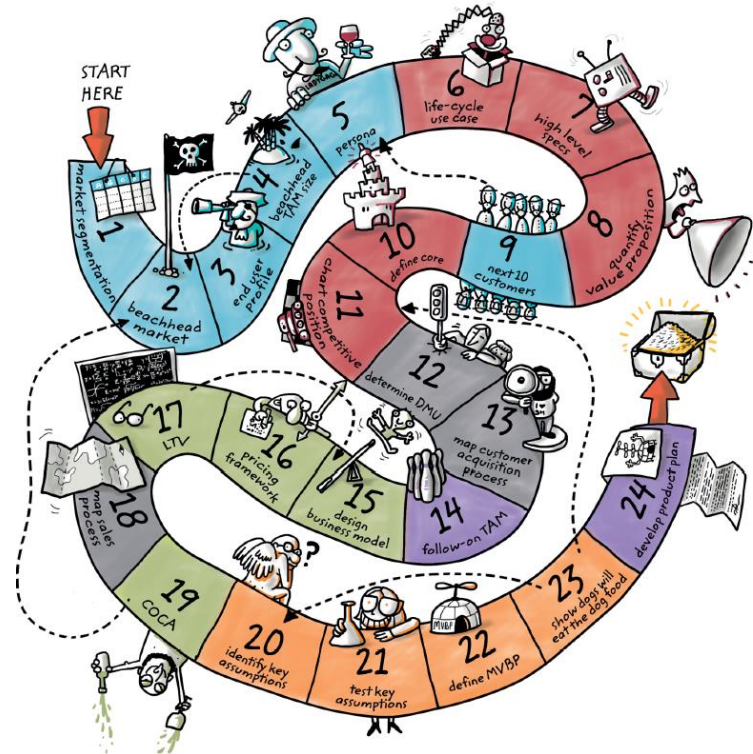
Αξίζει τον κόπο; (reality check) Κάντε τους υπολογισμούς σας

6 Legs in 24 steps

- Understanding your customers, their needs and problems.
- What can you do for your customer? How will you create value for her/him?
- How does your customer acquire your product?
- How do you make money off your product?
- How do you design and build your product?
- How do you scale your business?

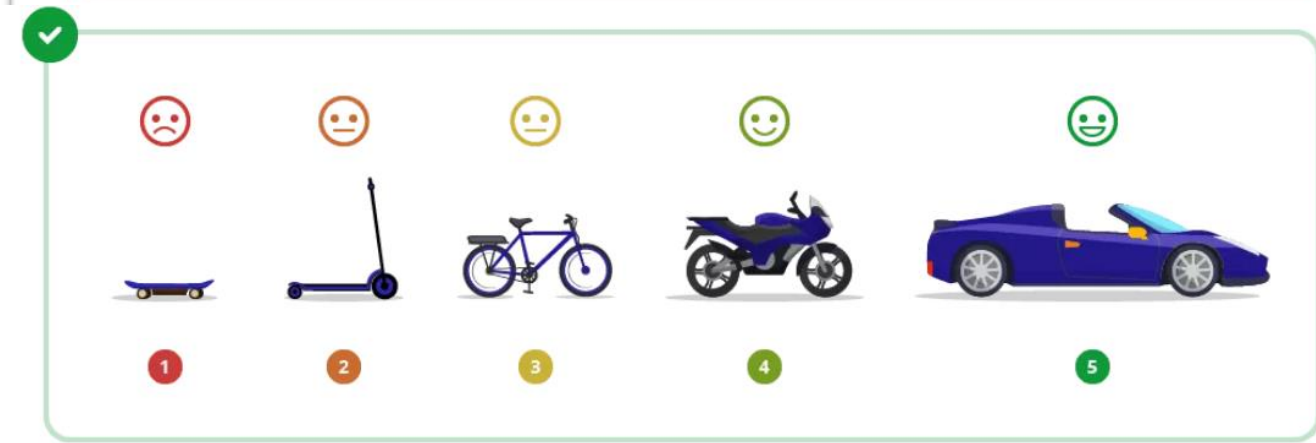


LEG 2: What can you do for your customer? How will you create value for her/him?



Ελάχιστο βιώσιμο προϊόν (Minimum Viable Product – MVP)

- Η «ελάχιστη» πλήρης μορφή του προϊόντος που θεωρούμε ότι θα είναι αποδεκτή ως τέτοια από τους πελάτες μας.
- Είναι αυτό με το οποίο θα ξεκινήσουμε τις πωλήσεις.
- Παρέχει τις βασικές λειτουργίες που καθιστούν το προϊόν πλήρες, χωρίς επιπλέον χαρακτηριστικά.
- Απαιτεί τον ελάχιστο δυνατό χρόνο και πόρους για την ανάπτυξή του και για την έναρξη των πωλήσεων.
- Αποτελεί βασικό στοιχείο της μεθόδου lean startup, καθώς επιταχύνει τη μάθηση από την αγορά. Με το MVP μπορούμε να αξιολογήσουμε τι αισθάνονται και τι σκέφτονται οι καταναλωτές για το προϊόν.
- Εφόσον το προϊόν πετύχει, χρησιμοποιούμε την ανατροφοδότηση από τους πελάτες για να αναπτύξουμε τις επόμενες εκδόσεις του προϊόντος.



Step #7: High-Level Product Specification



How the customer explained it



How the project leader understood it



How the analyst designed it



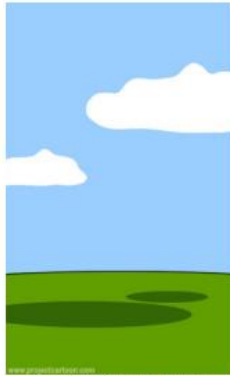
How the programmer wrote it



What the beta testers received



How the business consultant described it



How the project was documented



What operations installed



How the customer was billed



How it was supported

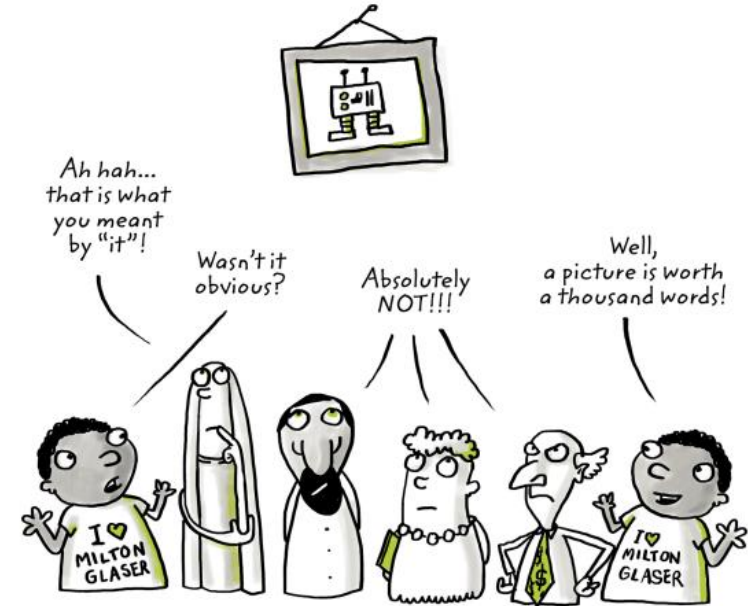


What marketing advertised



What the customer really needed

- Δημιουργήστε μια οπτική απεικόνιση του προϊόντος σας!
- Εστιάστε στα οφέλη του προϊόντος σας που δημιουργούνται από τα χαρακτηριστικά του και όχι στα χαρακτηριστικά του.
- Ο προσδιορισμός του προϊόντος σε υψηλό επίπεδο σε αυτό το στάδιο διασφαλίζει ότι το προϊόν εστιάζει περισσότερο στον πελάτη-στόχο σας και επίσης ότι όλοι συμφωνούν στο τι είναι το τελικό προϊόν.



Δημιουργήστε ένα φυλλάδιο/μακέτα πριν φτιάξετε το προϊόν σας

Πριν επενδύσετε σε πολύτιμους πόρους, ελέγξτε πρώτα

- Εάν ολόκληρη η ομάδα συμφωνεί για το τι πρόκειται να χτίσετε
- Ότι χτίζετε αυτό που θέλει ο πελάτης

Κάνετε αυτό φτιάχνοντας ένα φυλλάδιο ή μακέτα

- Χαρτί και ηλεκτρονικό - καθώς και τα δύο έχουν αξία
- Προτιμάται η ηλεκτρονική - παρέχει ανεκτίμητα στοιχεία
- Μην πιστεύετε όλα όσα λένε οι άνθρωποι. Δοκιμάστε το πρώτα

Επιτρέπει τη σπειροειδή καινοτομία σχετικά με τον καλύτερο σχεδιασμό και την αλληλουχία του προϊόντος

Η δημιουργία ενός φυλλαδίου σας βοηθά να δείτε το προϊόν σας από τη σκοπιά του πελάτη και σας δίνει τη δυνατότητα να ελέγξετε το προϊόν με τον πελάτη σας.



Σας αναγκάζει να δείτε το νέο σας εγχείρημα από τη σκοπιά του πελάτη σας, μέσα από τα λόγια τους.



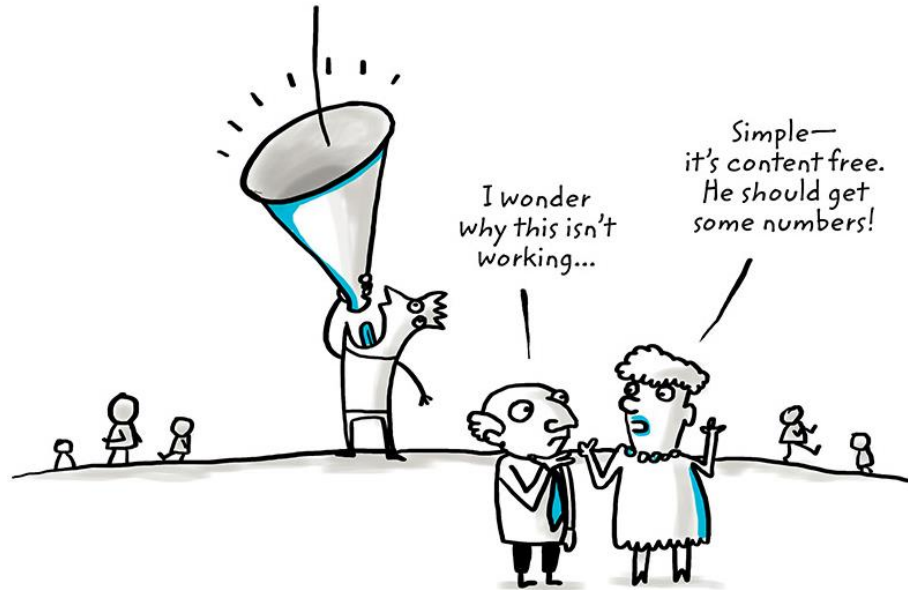
Σας επιτρέπει επίσης να επικυρώσετε τις ιδέες σας και να μάθετε αν είστε στο σωστό δρόμο.



Συχνά, όταν οι επιχειρηματίες αρχίζουν να καταγράφουν τα χαρακτηριστικά του προϊόντος τους, τείνουν να γίνονται πολύ εστιασμένοι σε εσωτερικά χαρακτηριστικά (π.χ. τεχνικά). Η δημιουργία ενός φυλλαδίου βοηθά στην αποφυγή αυτής της παγίδας.

Step #8: Quantify the Value Proposition

Superfantastic!!!
Awesome!!!
Soooo much better
than anyone else's!!!



Ποσοτικοποίηση Πρότασης Αξίας

- Πώς τα οφέλη του προϊόντος σας μετατρέπονται σε αξία που αποκομίζει ο πελάτης από το προϊόν σας;
- Υπολογίστε ποσοτικές μετρήσεις (όπου αυτό είναι εφικτό) για τον πελάτη σας.
- Η ποσοτικοποιημένη πρόταση αξίας:
- δίνει συγκεκριμένη κατανόηση των μετρήσιμων πλεονεκτημάτων που θα αποφέρει το προϊόν σας στους πελάτες-στόχους,
- δηλώνει με σαφήνεια και περιεκτικότητα πώς τα οφέλη του προϊόντος σας συνάδουν με αυτό που ο πελάτης σας θέλει περισσότερο να βελτιώσει.

Visual One-Page Summary of Quantified Value Proposition

"As is" State

Result in "As Is":

#I Priority of Persona: _____

"Possible" State

Result in "Possible":

Summary of Benefits:

Reason for Benefits:

SensAble quantified value proposition

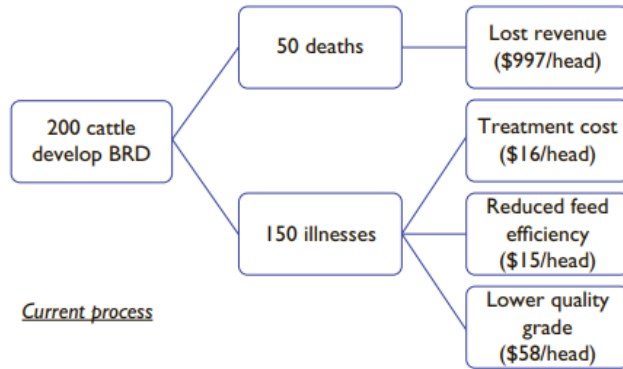


Development Times

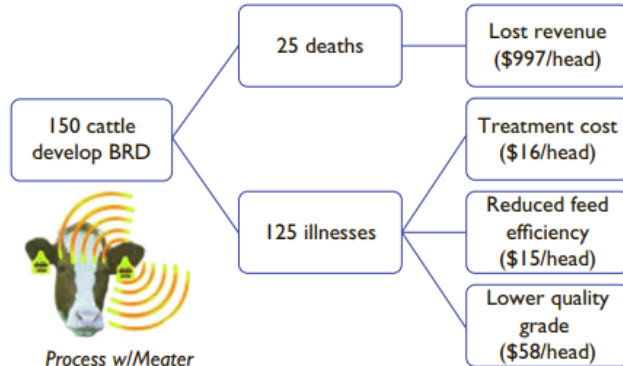
Today's Process	4-4 Days Model Types: 2D Drawings 3D CAD Models 3D Hand Models	2 Weeks Engineering Manufacturing Rework	2-3 Months Tool cavity development— analog CNC Software CNC Milling	16 Weeks Total Development Time
4 Weeks				
Ideation Phase	Tech Package Design	Looks like Works like	Commercialization	
4 Weeks** Could be lower with FreeForm	4 Days Model Types: FreeForm Native File	3 Days Engineering Manufacturing Rework	3 Weeks Digital tool cavity via STL CNC FreeForm Files CNC Milling	8 Weeks** Total Development Time
FreeForm Process				
US Design Firms				
Asian Tool Suppliers				
		70% Reduction in Time	70% Reduction in Time	50% Reduction in Time FreeForm

Meater quantified value proposition

Assume Typical Herd Size of 1,000



Current process



Process w/Meater

Loss to disease:
\$63K

Loss to disease:
\$36K

\$27 per calf

Ποια η αξία
μιας
υπηρεσίας
'ride hailing';



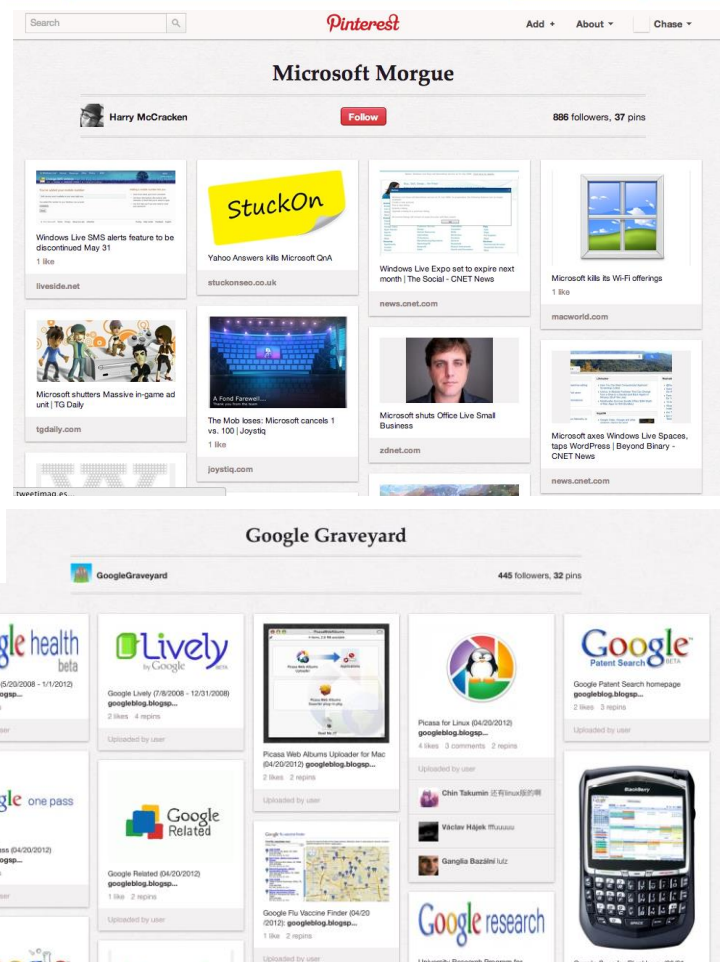
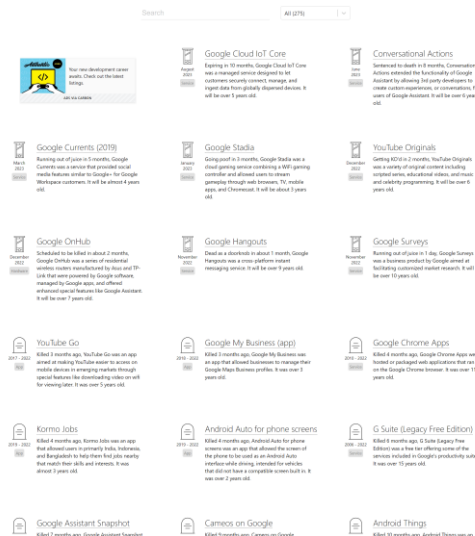


Will the customer buy our solution?

Ο καλός σχεδιασμός, η καλή ιδέα, η καλή εκτέλεση δεν εγγυώνται επιτυχία

[Stanford Seminar - Build The Right It, Alberto Savoia of Google - YouTube](#)

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UNIT 3: Prototyping techniques for MVPs

Pretotype Planning Canvas v1

Adapted from The Right It: Why So Many Ideas Fail and How to Make Sure Yours Succeed, by Alberto Savoia

1 Turn an idea into an objective hypothesis # 5 mins

1 Idea

A single, short sentence to describe your idea.

Example:
Beer-for-dogs

2 XYZ Hypothesis

A clearly stated and testable MEH

Your MEH "test with numbers" to make an objective and testable hypothesis. Align with ROL

X

Y

Z

X is a specific percentage of your target market.
Example:
At least 15% of dog owners will buy a pack of beer-for-dogs for \$4 when they buy dog food.

Y is a clear description of your target market.
Example:
Dog owners who tend to drink alone.

Z is how you expect the market to engage with your idea.
Example:
80% buy a \$4 six-pack of beer-for-dogs each time they buy dog food.

3 MEH

Market Engagement Hypothesis

A short sentence to encapsulate the basic premise of your idea and how you expect the market to engage with it.

Example:
More dog owners don't like to drink alone, so when they buy dog food, they will buy a pack of beer-for-dogs.

2 Scale your hypothesis down into something testable # 5 mins

1 Hypozooming ideas

Your XYZ Hypothesis "zoomed in" with regards to scope, space and time

Think about how you might test locally, quickly and impermanently while staying true to your XYZ Hypothesis

Example:
Some owners who shop at the local Dog R Us store or people ordering from dog-bus.com or Dog R Us Facebook page.

2 xyz Hypotheses

Small, local, and impermanent testable XYZ Hypotheses (you may need multiple)

Example:
At least 25% of people buying dog food at my local Dog R Us this weekend will try a six-pack of beer-for-dogs.

xyz 1

xyz 2

xyz 3

3 Plan your prototype with skin in the game # 20 mins

1 Prototyping Method(s)

The prototyping method(s) you will use

See example prototyping methods appendix.

Example:
Fake Door / Inflation - visit shop before from Dog R Us store and wrap dog food cans in beer-for-dogs packaging

2 "Skin in the game"

Something of value given to you by the market as evidence of interest in your idea

This must be among your priorities as a designer, but also someone's time, sweat, or long-term purchase

Example:
If you can pack of beer-for-dogs purchased

How valuable is this evidence? e.g. cash is greater than email

3 Storyboard

How your prototype will function and the sequence of events in the experiment

Think about context, how the "transaction" takes place, how you will record data, and where you will follow up with people who showed interest.

Example:
Use several cans of dog food. Wrap in beer-for-dogs. Negotiate short space with owner. Shop packaging at checkout. Select them and people.

4 Ethical Considerations

What are the ethical considerations of your prototype experiment?

Think how people might feel when they realize the product/service shown interest in and how they are part of an experiment. How can you mitigate, reward, or create a win-win situation?

Example:
Provide people with a monetary reward, coupon or free trial should the product or service launch.

4 Resources and budget # 5mins

1 Resources

The skills, materials, and people required

Be pragmatic and resourceful while true to your MEH

Example:
Freelance designer, Dog R Us owner on board, I myself should do six-pack wrap and design, 10 cans of cheap dog food (don't)

2 Cost

Estimate materials, incentives, ad spend, etc.

Aim to experiment for as little as possible, \$0 - \$500

3 HTD

Hours To Data - how many will it take?

Aim to experiment within hours rather than days (up to 48hrs)



QUICK REFERENCE: Basic Prototyping Techniques



MS&E 277 / Fall 2016
Tina Seelig/Alberto Savoia

Name	Description	Example
Fake Door	Test the initial Level of Interest (LI) in a yet-to-be-developed product or service by creating artifacts that suggest that the product exists and it's available to see if people would buy it.	Would anyone order McSpaghetti as a McDonald's? Don't cook a single strand of pasta. Put McSpaghetti on the menu (either in a store or online if applicable) and see if anybody orders it. If someone orders it, up that it's not currently available, apologize and offer them a free burger instead.
Facade	Test the initial Level of Interest (LI) in an existing but not yet broadly available product or service by creating artifacts that suggest greater availability (or scale).	Would people buy used cars online (in late 90s)? Bill Gross bought some ads in a newspaper advertising CarDirect , a new way to buy cars online. He had no car inventory but created a simple website to see if people would actually go for it. When people clicked on a "buy" button, he bought the car at retail and delivered it to the customer. Over a week-end he sold a few cars. He lost money on every transaction, but validated the business model for his idea.
Pinocchio	Create a non-operational version of your product and use your imagination to pretend that it actually works to see if and/or how you would use it.	Jeff Hawkins created a wooden version of the Palm Pilot to test two key hypotheses: 1) Would I carry something with this form factor (i.e. pocket-sized) around? 2) What would I use it for? He learned that the form factor was just right and that he would use it primarily for calendar, address book and simple note taking.
Mechanical Turk	Before making a major investment in designing and building a complex mechanism or task and/or consider using human skills to simulate the desired outcome.	IBM tested it and how people would interact with a speech-to-text computer by simulating the actual hardware and software using a hidden topic. The users were given a microphone and a monitor but no keyboard when text appeared on the screen they thought that their commands were being processed by a computer, not a person.
YouTube	Through the "magic of movies" you can make products that don't yet exist come to life and see how people react to them as they "inspire" interest! Will they sign up to learn more or better yet, commit to buy?	Google Glass was first introduced to the world via a YouTube video that showed not what the actual glasses looked like, but what the world would look like through the glasses. People who found the vision (fun instead) of Google Glass compelling had an opportunity to sign up and pay \$1,500 to receive an "Explorer Toolkit". This was before producing a single consumer-ready Glass. Google was able to gauge initial Level of Interest (LI) and gain other valuable feedback.
Provincial	Before committing to launch a new product or service formally and publicly on a large scale, test it in a smaller, more private and informal context to see if people are interested in it.	BestBuy pitched a tent in one of their store parking lots and advertised locally for a new service (initially named NextPay) to see if people would be interested in swapping old electronic gear in exchange for store coupons. It worked, and the service is now available in all stores (and not in tents).
One-night Stand	Offer a prototype version of your product or service on a very limited time basis to see if there is any interest before making any long-term commitments.	The first version of the iPhone did not support call-and-pause, it offered a very limited number of apps, it did not support notifications or the then-popular Microsoft Exchange email back-end and it required iTunes to activate/use it. But people wanted it so much that they did not care about the missing functionality-a great indicator of interest.
MVP	Create a first iteration of your product with the absolute minimum set of features that make it valuable and useful-as-to early adopters.	With a sales employee shirt bought on eBay to look like an IKEA worker, Upwell Labs' founder modeled in a few prototypes of his new product into an IKEA store and put them on display to see if people would buy them. They didn't. He proved that his new product would sell in a store... without creating a store.
Infiltrator	Take advantage of the customer traffic in an existing store (brick-and-mortar or online) to stick an artifact of your idea (it could be a one-off even an empty box) on the shelves to see if people would buy it.	Tesla Elon Musk took an existing car (a Lotus reader) that was close enough to the all-electric reader he had envisioned, ripped off the internal combustion engine, put an electric engine in it (along with slightly different body) and drove it around. Now he had an artifact-a really nice and fast one-out there around. People were very interested in the new car, but would anyone be interested enough to buy one? He needed real test opinions. So he asked people who expressed interest: if they were interested enough to write him a \$5,000 deposit check to be on the waiting list for one.
Impostor	Use an existing product or service as a starting point for your new product. Must new products or services are not completely new and different from existing ones. Many times there are other products and services that are close enough and, with some work, can be used to impersonate the new product you have in mind.	

See www.Pretotyping.org for more. Questions, feedback, comments: savoiaa@gmail.com

1 Idea



A single, short sentence to describe your idea.

Example:
Beer-for-dogs

2 MEH



Market Engagement Hypothesis

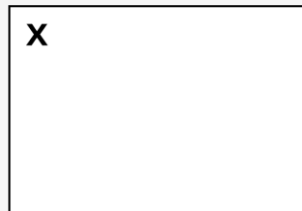
A short sentence to encapsulate the basic premise of your idea and how you expect the market to engage with it.

Example:
Many dog owners don't like to drink alone; quite a few of them would buy dog-safe beer, so their best friend can drink with them.

3 XYZ Hypothesis

A clearly stated and testable MEH

Your MEH "said with numbers" to make an objective and testable hypothesis. Align with ROI.



X% is a specific percentage of your target market.

Example:
At least 15%



Y is a clear description of your target market.

Example
Dog owners who tend to drink alone.



Z is how you expect the market to engage with your idea

Example
Will buy a \$4 six-pack of beer-for-dogs each time they buy dog food.

4 Your XYZ Hypothesis

Example:
At least 15% of dog owners will buy a six-pack of beer-for-dogs for \$4 when they buy dog food.



5 Hypozooming ideas

Your XYZ Hypothesis "zoomed in" with regards to scope, space and time

Think about how you might test locally, quickly and inexpensively while staying true to your XYZ Hypothesis

Example

Scale down to shoppers at the local Dogs R Us store or people ordering from dogs-r-us.com or Dogs R Us Facebook page.

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6 xyz Hypotheses

Small, local, and inexpensive testable XYZ Hypotheses (you may need multiple)

Example:

At least 15% of people buying dog food at my local Dogs R Us this weekend, will buy a six pack of beer-for-dogs.

At least 25% of people buying dog food at my local Dogs R Us this weekend, will take a six pack off the shelf to review it.

xyz 1	xyz 2	xyz 3

7 Pretotyping Method(s)

The prototyping method(s) you will use

See example prototyping methods opposite.

Example:

Fake Door / Infiltrator = rent shelf space from local Dogs R Us store and wrap dog food cans in beer-for-dogs packaging.

8 "Skin in the game"

Something of value given to you by the market as evidence of interest in your idea

This could be money (paid, preorder, or a deposit), but also someone's time, email, or telephone number etc.

Example

\$4 per six pack of beer-for-dogs purchased

How valuable is this evidence? e.g. cash is greater than email

9 Storyboard

How your prototype will function and the sequence of events in the experiment

Think about context, how the 'transaction' takes place, how you will record data, and if/how you will follow up with people who showed interest.

Example

Buy several cans of dog food. Wrap in fake packaging. Negotiate shelf space with owner. Stop purchasers at checkout, refund them and explain.

10 Ethical Considerations

What are the ethical considerations of your prototype experiment?

Think how people might feel when they realise the product they've shown interest in isn't real and that they are part of an experiment. How can you mitigate, reward, or create a win-win situation?

Example:

Provide people with a monetary reward, coupon or free trial should the product or service launch

11 Resources

The skills, materials, and people required

Be pragmatic and resourceful while true to your MEH

Example:

1 researcher, Dogs R Us owner on board, 1 small shelf, 6x six pack mock-ups designed and printed, 36 cans of cheap dog food (cans)

12 Cost

Estimate materials, incentives, ad spend etc.

Aim to experiment for as little as possible, \$10 - \$100

13 HTD

Hours To Data - how many will it take?

Aim to experiment within hours rather than days (max 48hrs)

14

Additional gains

Maximise experiment ROI

What other opportunities does the experiment provide?

Example:

Audience building, customer interviews, financial projections, investment story telling etc.



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One-night Stand	Offer a prototype version of your product or service on a very limited time basis to see if there is any interest before making any long-term commitments.	Sacrificing their own apartment for one night, Airbnb founders created a simple website in which they offered an alternative to hotel rooms: An air-mattress + simple breakfast for \$80/night (a bargain in San Francisco.) Much to their surprise, 3 people signed up very quickly and they collected \$240 on their first night. Airbnb is now valued at over \$10B!	
MVP	Create a first iteration of your product with the <i>absolute minimum</i> set of features that would make it valuable and useful—at least to early adopters.	The first version of the iPhone did not support cut-and-paste, it offered a very limited number of apps, it did not support notifications or the uber-popular Microsoft Exchange email back-end; and it required iTunes to activate/use it. But people wanted it so much that they did not care about the missing functionality—a great indicator of interest.	
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