Do Things That Don't Scale

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Recruit

The most common unscalable thing founders have to do at the start is to recruit users manually. Nearly all startups have to. You can't wait for users to come to you. You have to go out and get them.

At YC we use the term "Collison installation" for the technique they [Stripe founders] invented. More diffident founders ask "Will you try our beta?" and if the answer is yes, they say "Great, we'll send you a link." But the Collison brothers weren't going to wait. When anyone agreed to try Stripe they'd say "Right then, give me your laptop" and set them up on the spot.

Airbnb is a classic example of this technique [recruiting users manually]. Marketplaces are so hard to get rolling that you should expect to take heroic measures at first. In **Airbnb**'s case, these consisted of going door to door in New York, recruiting new users and helping existing ones improve their listings. When I remember the Airbnbs during YC, I picture them with rolly bags, because when they showed up for tuesday dinners they'd always just flown back from somewhere.

An excerpt of "How To Start A Startup - CS183B - Lecture 1: How to Start a Startup"

Ben Silbermann, when everyone thought **Pinterest** was a joke, recruited the initial Pinterest users by chatting up strangers in coffee shops. He really did, he just walked around Palo Alto and said "Will you please use my product?"

He also used to run around the Apple store in Palo Alto, and he would set all the browsers to the Pinterest homepage real quick, before they caught him and kicked him out.

Delight

You should take extraordinary measures not just to acquire users, but also to make them happy. For as long as they could (which turned out to be surprisingly long), <u>Wufoo sent each new user a hand-written thank you note</u>. Why do we have to teach startups this? Why is it counterintuitive for founders? Three reasons, I think.

- 1. A lot of startup founders are trained as engineers, and <u>customer service</u> is not part of the <u>training of engineers</u>. You're supposed to build things that are robust and elegant, not be slavishly attentive to individual users like some kind of salesperson.
- 2. Founders <u>worry it won't scale</u>. But when founders of larval startups worry about this, I point out that in their current state they have nothing to lose. Maybe if they go out of their way to make existing users super happy, they'll one day have too many to do so much for. That would be a great problem to have.
- 3. Founders <u>have never experienced such attention themselves</u>. Their standards for customer service have been set by the companies they've been customers of, which are mostly big ones. Tim Cook doesn't send you a hand-written note after you buy a laptop. He can't. But you can. That's one advantage of being small: you can provide a level of service no big company can.

Experience

I was trying to think of a phrase to convey how extreme your attention to users should be, and I realized Steve Jobs had already done it: <u>insanely great</u>. Steve wasn't just using "insanely" as a synonym for "very." He meant it more literally - that one should focus on quality of execution to a degree that <u>in everyday life would be considered pathological</u>.

All the most successful startups we've funded have, and that probably doesn't surprise would-be founders. What novice founders don't get is what insanely great translates to in a larval startup. When Steve Jobs started using that phrase, Apple was already an established company. He meant the Mac (and its documentation <u>and even packaging</u> - such is the nature of obsession) should be insanely well designed and manufactured.

It's not the product that should be insanely great, but the experience of being your user.

The feedback you get from engaging directly with your earliest users will be the best you ever get. When you're so big you have to resort to focus groups, you'll wish you could go over to your users' homes and offices and watch them use your stuff like you did when there were only a handful of them.

Fire

Sometimes the right unscalable trick is to focus on a deliberately narrow market. It's like keeping a fire contained at first to get it really hot before adding more logs.

That's what Facebook did. At first it was just for Harvard students. In that form it only had a potential market of a few thousand people, but because they felt it was really for them, a critical mass of them signed up. After Facebook stopped being for Harvard students, it remained for students at specific colleges for quite a while. When I interviewed Mark Zuckerberg at Startup School, he said that while it was a lot of work creating course lists for each school, <u>doing that made students</u> feel the site was their natural home.

Any startup that could be described as a marketplace usually has to start in a subset of the market, but this can work for other startups as well. It's always worth asking if there's a subset of the market in which you can get a critical mass of users quickly.

Most startups that use the <u>contained fire strategy</u> do it unconsciously. They <u>build something for themselves and their friends</u>, who happen to be <u>the early adopters</u>, and only realize later that they could offer it to a broader market. The strategy works just as well if you do it unconsciously.

Consult

Sometimes we advise founders of B2B startups to take over-engagement to an extreme, and to pick a single user and act as if they were consultants building something just for that one user. The initial user serves as the form for your mold; keep tweaking till you fit their needs perfectly, and you'll usually find you've made something other users want too. Even if there aren't many of them, there are probably adjacent territories that have more. As long as you can find just one user who really needs something and can act on that need, you've got a toehold in making something people want, and that's as much as any startup needs initially.

Consulting is the canonical example of work that doesn't scale. But it's safe to do it so long as you're not being paid to. That's where companies cross the line. So long as you're a product company that's merely being extra attentive to a customer, they're very grateful even if you don't solve all their problems. But when they start paying you specifically for that attentiveness - when they start paying you by the hour - they expect you to do everything.

Another consulting-like technique for recruiting initially lukewarm users is to use your software yourselves on their behalf. We did that at Viaweb. When we approached merchants asking if they wanted to use our software to make online stores, some said no, but they'd let us make one for them.

Since we would do anything to get users, we did. We felt pretty lame at the time. Instead of organizing big strategic e-commerce partnerships, we were trying to sell luggage and pens and men's shirts. But in retrospect it was exactly the right thing to do, because <u>it taught us how it would feel to merchants to use our software</u>. Sometimes <u>the feedback loop was near instantaneous</u>: in the middle of building some merchant's site I'd find I needed a feature we didn't have, so I'd spend a couple hours implementing it and then resume building the site.

Manual

There's a more extreme variant where you don't just use your software, but <u>you are the software</u>. When you only have a small number of users, you can sometimes get away with <u>doing by hand things that you plan to automate later</u>. This lets you launch faster, and when you do finally automate yourself out of the loop, you'll know exactly what to build because <u>you'll have muscle memory from doing it yourself</u>.

When manual components look to the user like software, this technique starts to have aspects of a practical joke. For example, the way Stripe delivered "instant" merchant accounts to its first users was that the founders manually signed them up for traditional merchant accounts behind the scenes.

Some startups could be entirely manual at first. If you can find someone with a problem that needs solving and you can solve it manually, go ahead and do that for as long as you can, and then gradually automate the bottlenecks. It would be a little frightening to be solving users' problems in a way that wasn't yet automatic, but less frightening than the far more common case of having something automatic that doesn't yet solve anyone's problems.

Big

I should mention one sort of initial tactic that usually <u>doesn't work: the Big Launch</u>. I occasionally meet founders who seem to believe startups are projectiles rather than powered aircraft, and that they'll make it big if and only if they're launched with sufficient initial velocity. They want to launch simultaneously in 8 different publications, with embargoes. And on a tuesday, of course, since they read somewhere that's the optimum day to launch something.

It's easy to see how little launches matter. Think of some successful startups. How many of their launches do you remember? All you need from a launch is some initial core of users. How well you're doing a few months later will depend more on how happy you made those users than how many there were of them.

Even if what you're building really is great, getting users will always be a gradual process - partly because great things are usually also novel, but mainly because users have other things to think about.

<u>Partnerships too usually don't work</u>. They don't work for startups in general, but they especially don't work as a way to get growth started. It's a common mistake among inexperienced founders to believe that a partnership with a big company will be their big break. Six months later they're all saying the same thing: that was way more work than we expected, and we ended up getting practically nothing out of it.

It's not enough just to do something extraordinary initially. You have to make an <u>extraordinary effort</u> initially. Any strategy that omits the effort - whether it's expecting a big launch to get you users, or a big partner - is ipso facto suspect.

Vector

The need to do something unscalably laborious to get started is so nearly universal that it might be a good idea to stop thinking of startup ideas as scalars. Instead we should try thinking of them as pairs of what you're going to build, plus the unscalable things you're going to do initially to get the company going.

It could be interesting to start viewing startup ideas this way, because now that there are two components you can try to be imaginative about the second as well as the first. But in most cases the second component will be what it usually is - recruit users manually and give them an overwhelmingly good experience - and the main benefit of treating startups as vectors will be to remind founders they need to work hard in two dimensions.

It will also remind founders that <u>an idea where the second component is empty</u> - an idea where there is nothing you can do to get going, e.g. because you have no way to find users to recruit manually - <u>is probably a bad idea</u>, at least for those founders.

In the best case, both components of the vector contribute to your company's DNA: the unscalable things you have to do to get started are not merely a necessary evil, but change the company permanently for the better.