FINDING TECHNICAL RESOURCES

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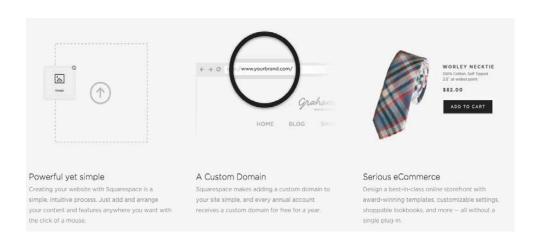
Key Questions to Ask Before Software Development

- Is there an existing tool that provides the functionality we seek?
- Should we build internally or outsource software development?
- If we build internally, how do I find & recruit the best people?
- If we outsource, how do we manage the process?

There are Many Existing Tools









There are Many Existing Tools

Purpose	Existing Tools
ecommerce	ShopifyMagentoBigCommerceWeebly
Basic Websites	SquarespaceWeeblyWordpressTumblr
Blogs	TumblrWordpress
Responsive Design (websites that are compatible with all kinds of screen sizes)	BootstrapTemplates for Wordpress or other tools
Online Courses	Teachable

To Outsource or Not?

- Is the feature/product a core differentiator?
 - Google won't outsource its search algorithm
- Candidates for Outsourcing
 - If the feature is operationally important but not a differentiator such as custom software for HR or legal
 - If you have a tech-enabled business but the technology itself is widely available such as an e-commerce company
- Do you have the expertise in-house?
 - It might take too long to build that expertise in-house

Outsourcing: Dos and Don'ts

- You have to own product management to avoid mismatch in expectations
 - Prioritize the features first
 - Identify your budget
 - Spec out the product (user flows or low fidelity wireframes)
- Be involved in screening developers
 - Ensure there is a match in technical skills & soft skills
 - Understand past projects (portfolio) and exact roles within projects
 - Check references

Where to Outsource

Budget

- A good starting point
- For software development you can find firms at every price range, from \$25-50 an hour all the way up to to \$100-200 per hour.

Location

- It helps to be in the same or similar time zone as your developer.
- Location & budget might help focus your search appropriately

Marketplaces

- For developers and firms: VenturePact, RentACoder, eLance, Upwork,
 Freelancer.com
- For designers: 99Designs, Behance, Dribble

Managing the Process

- Identify the Who, What & When of your project
 - Who: Person who is accountable on both sides
 - What: Product being developed is clearly defined
 - When: Deadline
- Use Project Management Tools
 - Tools for task assignment and tracking progress: Asana, Jira, Trello,
 Basecamp
 - Messaging among team members: Slack, HipChat, Skype, Google Hangouts



ONLINE