

About Me I'm Eric Weiss

- Former CTO of Rock My World
- Fractional CTO & Startup Advisor
- Product Development Consultant
- Author of Build the Right Things

www.fullcycleproduct.com https://www.linkedin.com/in/ericmweiss/ https://facebook.com/fullcycleproduct



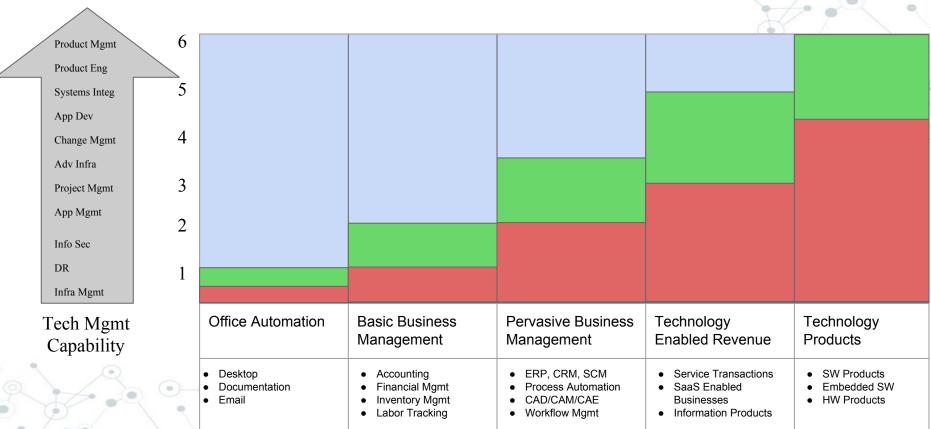




Why Due Diligence

- Evaluate technical risks to the investment and cost to mitigate
- Find opportunities for growth post-investment
- Right skills on the team
- Product/process/infrastructure scalability
- Legal liability
- Track record of execution

PE Due Diligence Scorecard Model



People & Organization

- Right people on the bus and in the right seats?
- Key players?
- Critical gaps to inhibit growth targets?
- Opportunities for reduction?
- Red Flags:
 - No technical co-founder, or an advisor listed as CTO
 - Outsourced dev team with no internal tech leadership
 - Development changed hands multiple times
 - Too many or too few senior/junior engineers
 - Too many or too few managers, PMs, or designers
 - Lack of professional development

Product Strategy and Product Portfolio

- Product strategy aligned with growth objectives?
- Competitive advantages and differentiation?
- O How does the company determine business value of features and prioritize roadmap?

Red Flags:

- Lack of product roadmap activity/revisions
- Lack of objective prioritization of features
- Lack of data collection and analytics
- Lack of customer feedback loops

Product Function and Quality

- Obvious performance or stability problems?
- Does the product accomplish users' goals effectively?
- Red Flags:
 - Large number of CS complaints or open bugs
 - Lack of test cases and automations
 - Lack of user-experience artifacts (personas, journey maps, user-flow diagrams)
 - Lack of usability testing reports

Architecture & Code

- Will architecture support growth?
- Legacy components?
- 3rd-party or open source liability?
- Is code clean, modular, readable, well-documented, maintainable, and reliant on frameworks?
- Red Flags:
 - "Frankenstack"
 - No documented coding standards or code reviews
 - No software or database architecture diagrams
 - Lack of or improper use of frameworks
 - 3rd-party/open source license incompliance

Processes, Practices and Tools

- Efficient, consistent delivery?
- Scalable processes?
- O Tool enablement?
- Red Flags:
 - Lack of development methodology
 - Volatile sprint velocity (or lack thereof)
 - Large monolithic releases
 - Lack of clearly documented processes
 - Lack of tools to automate manual tasks

IT/Operations/DevOps

- Is platform maintainable at scale?
- O Business continuity / Disaster Recovery plan?
- Security policy and procedures?
- Reasonable expenses as % of revenue (OER)?
- Automated testing and deployment?
- Red Flags:
 - No CI/CD implementation
 - Lack of cloud operating model (containers, serverless, etc.)
 - No run books or operating manuals

Product Support

- Customer support model?
- Volume/Type/Severity of CS issues?
- O How many escalations to dev team?
- % of time devs spend in ops mode?
- Red Flags:
 - Dev team in "fire-fighting" mode
 - Known bugs in production
 - Lack of monitoring and alerting

Thanks!

Please connect with me!

- <u>https://www.linkedin.com/in/ericmweiss/</u>
- https://facebook.com/fullcycleproduct
- https://www.twitter.com/fullcyclepm
- eric@voyagent.io







Request in Advance (The Repo)

- Architecture diagrams
- Tech stack, frameworks, and automations
- Org chart, roles & responsibilities
- Technology budget and actuals
- 3rd-Party Audits (Pen-test, PCI/HIPAA/ISO certs, etc.)
- 3rd-Party licensed and open source SW inventory
- Current and historical tech and product roadmaps
- Infrastructure inventory, security policy, disaster recovery plan
- Historical technology failures and security breaches
- Software development and delivery process
- Coding standards and style guides