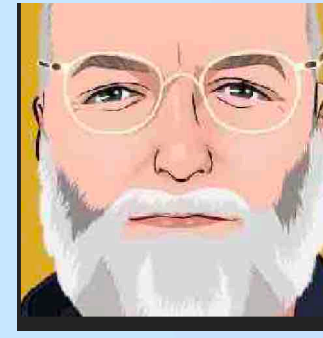# ABC Health

Project Assessment

Spencer Marks @ Origami Software Feb 2025

Bonafides
Spencer Marks

- **35+ years developing software** for companies including Apple, Google, Adobe, Digital Equipment Corp, Lotus/IBM, Boston Children's Hospital, Liberty Mutual Insurance, ITA Software, Wellington Finical Services.

- **Extensive experience in all aspects of the software development lifecycle** using a variety methodologies including waterfall and Agile.

- Experience in many verticals including commercial software, finance, fin-tech, **healthcare**, **insurance**, IT operations, graphics & video **ranging from small starts-up to Fortune 500 companies.**

- Embracing change through **Agile Software Development** techniques since 1998

Assessment
"I have seen much worse."

- Over budget (40%+)

- 80%+ over schedule

- Requirements Definition (emerging requirements challenge existing projections).

- No data on existing defects

- Resource Constraints

  - Devs

  - QA

- Lack of transparency across the team.

- **But** A lot of work (over half of the initially estimated tasks) done! **How can it be most effectively leveraged?**

Let's Make Lemonade
Agile evolved to meet these software development challenges

- There is good news here:

  - A significant amount of work has been completed and hopefully some of it can be put to use more quickly than anticipated.

  - New QA Testers are going to find more issues than "used" to the software.

Software is Never Done

Embracing a subscription model approach

- Even when Software is stable, and usable there's always one more thing that would make it *even* better.

- There are always bugs and *some* are worth fixing.

- On going security threat mitigation (**PEN testing**). HIPPA and other **Regulatory Compliance**

- Even with stable software, and acceptable amount of bugs, software needs to be maintained and kept current if it is to be **relied on for critical applications**. These does not stop until the software is discomivssioned.

The Concept of Minimal Viable Product

What can we use right now?

- Get immediate ROI by getting the current system into a state where end users can start using the most important features.

- Get it right by partnering with a select client to develop the software jointly.

- We can use what have completed so far as start and iteratively build on that.