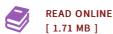# The Elusive Silver Lining: How We Fail to Learn from Failure in Software Development (Classic Reprint)

By Tarek K Abdel-Hamid

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Elusive Silver Lining: How We Fail to Learn From Failure in Software Development As modern organizations struggle with increasing complexity and difficult challenges, we argue that every experience win, --- lose, or draw --- is a valuable organizational asset that must be fully exploited. First, this requires an organization willing to view failures as opportunities to learn something rather than as embarrassing moments to be quickly forgotten. Second, and often missing, organizations need a formal postmortem diagnostic tool that can reliably discern what worked on a project and what did not. Without such a tool, it is possible that the wrong lessons will be learned. We describe our development of and experiences with a system dynamics based tool for postmortem project diagnosis. In this paper we focus our attention on software development projects since they have become critical to the successful operation and strategy of many organizations, yet have experienced serious problems. As an example, when applied to a NASA software development project, three types of insights were gained. First, we show how intuition...

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