

Rekomendasi implementasi Best Practice Scrum: studi kasus Perusahaan Media dan Komunitas XYZ = Scrum Best Practices recommendation : a case study of Media and Community Start-up

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Abstrak

Perusahaan XYZ merupakan perusahaan media dan komunitas yang menerapkan Scrum dalam proses pengembangan aplikasi pendukung bisnis utama. Hasil identifikasi masalah melalui wawancara dengan Chief Technology Officer dan Chief Product Officer menunjukkan bahwa salah satu akar permasalahan yang terjadi adalah ada Scrum Events yang tidak terlaksana dan tim Scrum tidak mengimplementasikan panduan Scrum dengan tertib. Penelitian ini mengevaluasi tingkat kematangan implementasi Scrum menggunakan Standard CMMI Appraisal Method for Process Improvement (SCAMPI C). Peneliti menggunakan Scrum Maturity Model (SMM) sebagai model untuk menghitung kematangan. SMM ini telah diperbarui dengan mengikuti Scrum Guide 2020 dan best practices Scrum tahun 2020- 2021 yang diperoleh dari studi literatur. Peneliti juga menyebarkan kuesioner kepada 33 orang responden yaitu tim produk dan tim teknologi XYZ untuk afirmasi pencapaian appraisal. Penelitian ini merekomendasikan perbaikan implementasi menggunakan pendekatan Plan, Do, Check, Act (PDCA) Cycle oleh Deming's. Hasil evaluasi tingkat kematangan implementasi Scrum di XYZ adalah Level 2. Peneliti merekomendasikan beberapa praktik perlu diterapkan dan ditingkatkan di Objectives Scrum Role Exist, Scrum Meetings Occur and are Participated, dan Daily Scrum Succeeded. Jika diterapkan secara konsisten, diharapkan dapat memperbaiki kualitas implementasi Scrum di XYZ.

.....XYZ Company is a media and community company that applies Scrum in the process of developing key business support applications. The results of problem identification through interviews with the Chief Technology Officer and Chief Product Officer showed that one of the root causes of the problem was that Scrum Events were not implemented and the Scrum team did not implement the Scrum guidelines strictly. This research evaluates the maturity level of Scrum implementation using the Standard CMMI Appraisal Method for Process Improvement (SCAMPI C). Researchers used the Scrum Maturity Model (SMM) as a model for calculating maturity. This SMM has been updated by following the 2020 Scrum Guide and Scrum best practices in 2020-2021 obtained from the literature study. We also distributed questionnaires to 33 respondents from the product team and the XYZ technology team, to affirm the appraisal result. This research recommends implementation improvements using the Plan, Do, Check, Act (PDCA) Cycle approach. The results of Scrum implementation maturity assesment is on Level 2. We recommend some practices to be implemented and improved in the objectives of (a) Scrum Role Exist; (b) Scrum Meetings Occur and are Participated; and (c) Daily Scrum Succeed. If applied consistently, XYZ will have quality improvement in Scrum implementation.