

**ANALISIS PERBANDINGAN TRELLO DAN ODOO ON-PREMISE
DALAM MANAJEMEN PROYEK SISTEM INFORMASI
MENGUNAKAN *FRAMEWORK PROJECT MANAGEMENT BODY OF
KNOWLEDGE (PMBOK)* DI PT. BOTIKA TEKNOLOGI INDONESIA**

Muhammad Randu Diva¹, Arif Himawan², Ulfi Saidata Aesy³

INTISARI

Latar Belakang: PT. Botika Teknologi Indonesia (BTI) awalnya memakai Google Spreadsheet dan Trello untuk manajemen proyek, namun keduanya memiliki keterbatasan (pelacakan progres, pengguna gratis). Perlu studi komparatif Trello dan Odoo On-Premise untuk efektivitas.

Tujuan: Membandingkan keunggulan dan keterbatasan Trello serta Odoo On-Premise dalam mendukung empat area PMBOK (lingkup, waktu, biaya, integrasi) untuk rekomendasi manajer proyek BTI.

Metode Penelitian: Studi literatur, wawancara semi-terstruktur (manajer proyek, pengembang, penjamin mutu), observasi langsung, analisis data, triangulasi, dan penyusunan laporan.

Hasil: Trello dan Odoo On-Premise di BTI hanya digunakan untuk memantau status tugas; pengendalian lingkup melalui SOP/SOW, bukan fitur aplikasi. Fitur penjadwalan tidak dimanfaatkan karena tim memilih *update* harian dan komunikasi langsung. Kontrol biaya tidak digunakan karena tidak ada *cost overrun*. Sinkronisasi data proyek lebih banyak melalui Dashboard Admin dan WhatsApp, Trello/Odoo hanya sebagai pemantau progres dan pengujian.

Kesimpulan: Pemanfaatan fitur manajemen proyek Trello dan Odoo On-Premise di BTI masih terbatas pada monitoring tugas. Untuk mendukung keempat area PMBOK secara optimal, BTI perlu mengaktifkan dan menyesuaikan fitur-fitur seperti *checklist*, kalender/Gantt, modul *change management*, serta *analytic/reporting* pada kedua alat tersebut.

Kata-kunci: Trello, Odoo On-Premise, PMBOK, manajemen proyek, BTI.

¹ Mahasiswa Program Studi S-1 Sistem Informasi Universitas Jenderal Achmad Yani Yogyakarta

² Dosen Program Studi S-1 Sistem Informasi Universitas Jenderal Achmad Yani Yogyakarta

³ Dosen Program Studi S-1 Sistem Informasi Universitas Jenderal Achmad Yani Yogyakarta

**COMPARATIVE ANALYSIS OF TRELLO AND ODOO ON-PREMISE IN
INFORMATION SYSTEM PROJECT MANAGEMENT USING THE
PROJECT MANAGEMENT BODY OF KNOWLEDGE (PMBOK)
FRAMEWORK AT PT. BOTIKA TEKNOLOGI INDONESIA**

Muhammad Randu Diva¹, Arif Himawan², Ulfi Saidata Aesy³

ABSTRACT

Background: PT. Botika Teknologi Indonesia (BTI) initially used Google Spreadsheet and Trello for project management, but both had limitations (progress tracking, free user cap). A comparative study of Trello and Odoo On-Premise was needed to find a more effective tool.

Objective: To compare the advantages and limitations of Trello and Odoo On-Premise in supporting four PMBOK knowledge areas (scope, time, cost, integration) to provide recommendations to BTI project managers.

Method: The research employed a literature study approach, interview guideline preparation, data collection through semi-structured interviews with three informants (project manager, developer, quality assurance), direct observation, data analysis, triangulation, and report compilation.

Result: Trello and Odoo On-Premise at BTI were primarily used for monitoring task status, lacking specific features for controlling scope changes, as project control relied heavily on SOPs and SOWs. Scheduling features like Trello's Calendar View and Odoo's Gantt/Timesheet were not utilized, with teams preferring daily updates and direct communication. Cost control functions were also unused due to no instances of cost overruns. Project data synchronization for integration was mostly done via the Admin Dashboard and WhatsApp, while Trello and Odoo served only as progress monitoring and testing tools.

Conclusion: Although Trello and Odoo On-Premise offer various project management features, their utilization at BTI was limited to task monitoring. To optimally support all four PMBOK areas, BTI needs to enable and customize features such as checklists, calendar/Gantt, change management modules, and analytics/reporting available in each tool.

Keywords: Trello, Odoo On Premise, PMBOK, project management, BTI.

¹ Mahasiswa Program Studi S-1 Sistem Informasi Universitas Jenderal Achmad Yani Yogyakarta

² Dosen Program Studi S-1 Sistem Informasi Universitas Jenderal Achmad Yani Yogyakarta

³ Dosen Program Studi S-1 Sistem Informasi Universitas Jenderal Achmad Yani Yogyakarta