BAB 8
KESIMPULAN DAN SARAN

8.1. Kesimpulan

Berdasarkan hasil perancangan alternatif solusi dalam menyelesaikan permasalahan keterlambatan pengiriman bahan baku dari *Supplier*, maka diperoleh Kesimpulan sebagai berikut.

a. Rata-rata ratio keterlambatan sebelum diimplementasi adalah sebesar 18%, yang dapat disebabkan oleh mekanisme evaluasi kinerja *Supplier* yang belum terstandar dan terdokumentasi secara priodik dan pembagian jumlah order kepada *Supplier* belum optimal.
b. Perancangan sistem *monitoring* dan evaluasi kinerja *supplier* menggunakan adopsi kerangka *SCOR* Model sebagai indikator penilaian *supplier,* dimana indikator yang digunakan untuk perusahaan dipilih menggunakan metode *AHP*.
c. Hasil perancangan sistem alokasi *demand* order menggunakan model *Supply Demand Allocation Order Demand* dapat menyelesaikan akar permasalahan jumlah bahan baku yang tidak terpenuhi sesuai jadwal.
d. Keterlambatan pengiriman dari *supplier* mengalami penurunan sebesar 13% setelah implementasi.
e. Keberlanjutan implementasi didukung dengan penyusunan modul penggunaan *dashboard monitoring* dan evaluasi kinerja *supplier* dan SOP menggunakan sistem alokasi *demand* order.

8.2. Saran

Berdasarkan hasil perancangan alternatif solusi dalam menyelesaikan permasalahan keterlambatan pengiriman bahan baku dari *supplier*, terdapat saran yang dapat dipertimbangkan dalam pengembangan sistem Tugas Akhir sebagai berikut.

a. Perusahaan dapat melakukan evaluasi secara berkala terhadap implementasi yang dilakukan, modul penggunaan *dashboard,* serta *SOP* sistem alokasi *demand* order.
b. Perusahaan diharapkan dapat melakukan pelatihan apabila terdapat penggantian *user.*
c. Perusahaan dapat melibatkan *supplier* dalam proses evaluasi melalui penyampaian hasil penilaian dan pembahasan tindakan perbaikan. Keterlibatan tersebut diharapkan dapat meningkatkan keterbukaan informasi, komitmen perbaikan, dan kejelasan target kinerja yang harus dicapai oleh *supplier*.

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LAMPIRAN

Lampiran 1. Hasil Pemeriksaan dari Turnitin Perpustakaan UAJY



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UNIVERSITAS ATMA JAYA YOGYAKARTA

Lampiran 2. Surat Pernyataan Pelaksanaan Tugas Akhir Sebagai *Capstone Project* Secara Berkelompok

SURAT PERNYATAAN PELAKSANAAN TUGAS AKHIR

SEBAGAI *CAPSTONE DESIGN PROJECT* SECARA BERKELOMPOK

Kami yang bertanda tangan di bawah ini:

No	Nama Mahasiswa	NPM
1	Familia Nia Porayow	220612076
2	Ekel Prantino Sembiring	220612091

Dengan ini menyatakan bahwa kami akan melaksanakan **Tugas Akhir dalam bentuk *Capstone Design Project*** secara **berkelompok**, dengan judul/topik yang diusulkan:

Perancangan Sistem Pendukung Pengambilan Keputusan *Supplier* untuk Mengatasi Masalah Keterlambatan Pengiriman Bahan Baku pada PT XYZ

Adapun pernyataan komitmen kami adalah sebagai berikut:

1. Setiap anggota kelompok menjalankan Tugas Akhir tersebut secara kolaboratif, profesional, dan bertanggung jawab sesuai kaidah akademik yang berlaku di Departemen Teknik Industri FTI UAJY.
2. Setiap anggota kelompok bertanggung jawab untuk memberikan kontribusi yang proporsional dan melaksanakan tugas sesuai pembagian peran yang disepakati.
3. Setiap anggota kelompok menjalankan seluruh proses sesuai ketentuan yang berlaku di Departemen Teknik Industri FTI UAJY dan menjunjung tinggi integritas akademik.
4. Apabila di kemudian hari terdapat pelanggaran terhadap ketentuan akademik atau ketidaksesuaian dalam pelaksanaan tugas, kami bersedia menerima sangsi sesuai peraturan yang ditetapkan oleh Departemen Teknik Industri FTI UAJY.

Demikian surat pernyataan ini dibuat dengan sebenar-benarnya untuk dipergunakan sebagaimana mestinya.

Yogyakarta, 20 Juli 2026

Tanda Tangan

Familia Nia Porayow

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Activate

Lampiran 3

Tautan Modul Penggunaan *Dashboard*

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