IMPLEMENTASI FSM BASED PLC SEBAGAI PENGENDALI PROTOTIPE
MESIN PENCUCI MOBIL OTOMATIS

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Abstrak
Tujuan penelitian ini adalah untuk membuktikan bahwa FSM based PLC (Finite State Machine based Programmable Logic Controller) dapat menjadi pengendali alternatif selain PLC. Metode penelitian dilakukan dengan metode analisis dan metode perancangan. Metode analisis dilakukan dengan menganalisa informasi yang diperoleh dari hasil survei. Metode perancangan dilakukan dengan merancang perangkat keras dan piranti lunak. Hasil yang diperoleh dalam skripsi ini adalah FSM based PLC dapat mengendalikan sebuah prototipe mesin pencuci mobil otomatis. Jadi, FSM based PLC dapat digunakan sebagai unit pengendali alternatif selain PLC, dimana unit yang dikendalikan memiliki state-state tertentu dan terbatas.

Kata kunci
FSM, PLC, FSM BASED PLC, Mesin pencuci mobil otomatis
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