

**RANCANG BANGUN SISTEM ALAT CUCI TANGAN OTOMATIS  
BERBASIS IOT SEBAGAI LANGKAH EFISIENSI SABUN DI KAMPUS A**

PROYEK AKHIR

Diajukan sebagai syarat untuk memperoleh gelar Ahli Madya di Program  
Studi Teknik Telekomunikasi Telkom University Jakarta



Disusun oleh:

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**6101420092**

**PROGRAM STUDI TEKNIK TELEKOMUNIKASI  
TELKOM UNIVERSITY JAKARTA**

**2023**

**DESIGN AND DEVELOPMENT OF AN IOT BASED AUTOMATIC HAND  
WASHING SYSTEM AS A MEASURE OF SOAP EFFICIENCY ON  
CAMPUS A**

*FINAL PROJECT*

Submitted as a requirement to obtain an Associate Degree in the  
Telecommunication Engineering Study Program at Telkom University Jakarta



*By:*

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