

**PENGEMBANGAN PURWARUPA SISTEM MONITORING
BERBASIS PETA *ONLINE* DAN *CHATBOT* UNTUK
MENDUKUNG PEMELIHARAAN PERLENGKAPAN JALAN DI
KABUPATEN SLEMAN**

SKRIPSI



Oleh :

MUHAMMAD FAIZ ZULFIKAR

NIM : 15 / 381192 / TK / 43370

**PROGRAM STUDI SARJANA TEKNIK GEODESI
DEPARTEMEN TEKNIK GEODESI
FAKULTAS TEKNIK
UNIVERSITAS GADJAH MADA
YOGYAKARTA
2019**

A PROTOTYPE DEVELOPMENT OF A MONITORING SYSTEM BASED ON ONLINE MAP AND CHATBOT TO SUPPORT ROAD FACILITY MAINTENANCE IN SLEMAN REGENCY

FINAL PROJECT



By :

MUHAMMAD FAIZ ZULFIKAR
NIM : 15 / 381192 / TK / 43370

**UNDERGRADUATE STUDY PROGRAM OF GEODETIC ENGINEERING
DEPARTMENT OF GEODETIC ENGINEERING
FACULTY OF ENGINEERING
UNIVERSITAS GADJAH MADA
YOGYAKARTA
2019**

PENGEMBANGAN PURWARUPA SISTEM MONITORING BERBASIS PETA *ONLINE* DAN *CHATBOT* UNTUK MENDUKUNG PEMELIHARAAN PERLENGKAPAN JALAN DI KABUPATEN SLEMAN

SKRIPSI

Untuk memenuhi salah satu persyaratan dalam
mencapai derajat Sarjana Teknik Program Studi Sarjana Teknik Geodesi



Diajukan Oleh :

MUHAMMAD FAIZ ZULFIKAR

NIM : 15 / 381192 / TK / 43370

Kepada :

**PROGRAM STUDI SARJANA TEKNIK GEODESI
DEPARTEMEN TEKNIK GEODESI
FAKULTAS TEKNIK
UNIVERSITAS GADJAH MADA
YOGYAKARTA
2019**

A PROTOTYPE DEVELOPMENT OF A MONITORING SYSTEM BASED ON ONLINE MAP AND CHATBOT TO SUPPORT ROAD FACILITY MAINTENANCE IN SLEMAN REGENCY

FINAL PROJECT

**Submitted as a partial fulfillment of the requirement for obtaining degree of Bachelor of
Engineering in Geodetic Engineering Study Program**



By :

MUHAMMAD FAIZ ZULFIKAR

NIM : 15 / 381192 / TK / 43370

To :

**UNDERGRADUATE STUDY PROGRAM OF GEODETIC ENGINEERING
DEPARTMENT OF GEODETIC ENGINEERING
FACULTY OF ENGINEERING
UNIVERSITAS GADJAH MADA
YOGYAKARTA
2019**