

**PEMBUATAN SISTEM PEMANTAUAN KERUSAKAN INFRASTRUKTUR
BERBASIS ANDROID MENGGUNAKAN METODE *VOLUNTEERED*
*GEOGRAPHIC INFORMATION (VGI)***

TESIS



Diajukan oleh:

GUSMIRA

17/419638/PTK/11748

Kepada:

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

**DEVELOPMENT OF AN ANDROID APPS FOR INFRASTRUCTURE
DAMAGE MONITORING SYSTEM USING VOLUNTEERED
GEOGRAPHIC INFORMATION (VGI) METHOD**

THESIS



By:

GUSMIRA

17/419638/PTK/11748

To:

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

**PEMBUATAN SISTEM PEMANTAUAN KERUSAKAN INFRASTRUKTUR
BERBASIS ANDROID MENGGUNAKAN METODE *VOLUNTEERED*
*GEOGRAPHIC INFORMATION (VGI)***

TESIS

Disampaikan sebagai pemenuhan sebagian dari persyaratan
untuk memperoleh gelar *Master of Engineering* dalam Teknik Geomatika



Diajukan oleh:

GUSMIRA

17/419638/PTK/11748

Kepada:

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

**DEVELOPMENT OF AN ANDROID APPS FOR INFRASTRUCTURE
DAMAGE MONITORING SYSTEM USING VOLUNTEERED
GEOGRAPHIC INFORMATION (VGI) METHOD**

THESIS

Submitted as partial fulfillment of the requirements for obtaining the degree of
Master of Engineering in Geomatics Engineering



By:

GUSMIRA

17/419638/PTK/11748

To:

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