

**THE DEVELOPMENT OF ANDROID MOBILE LEARNING
APPLICATION BASED ON ARDUINO PROJECTS FOR
JUNIOR HIGH SCHOOL STUDENTS**

RESEARCH PAPER

**Submitted as Requirement to Obtain Degree of *Sarjana Pendidikan*
in International Program on Science Education (IPSE) Study
Program**



Arranged by:

Darul Agustiana Ma'rifah

1405553

**INTERNATIONAL PROGRAM ON SCIENCE EDUCATION
FACULTY OF MATHEMATICS AND SCIENCE EDUCATION
UNIVERSITAS PENDIDIKAN INDONESIA**

2018

**THE DEVELOPMENT OF ANDROID MOBILE LEARNING
APPLICATION BASED ON ARDUINO PROJECTS FOR
JUNIOR HIGH SCHOOL STUDENTS**

Oleh:

Darul Agustiana Ma'rifah

Skripsi yang diajukan untuk memenuhi salah satu syarat memperoleh gelar
Sarjana Pendidikan pada Fakultas Pendidikan Matematika dan Ilmu
Pengetahuan Alam

© Darul Agustiana Ma'rifah

Universitas Pendidikan Indonesia

Juli 2018

Hak Cipta dilindungi Undang-Undang

Skripsi ini tidak boleh diperbanyak seluruhnya atau sebagian,
Dengan dicetak ulang, difotokopi, atau cara lainnya tanpa izin dari penulis.

APPROVAL SHEET

THE DEVELOPMENT OF ANDROID MOBILE LEARNING APPLICATION
BASED ON ARDUINO PROJECTS FOR JUNIOR HIGH SCHOOL STUDENTS

By:
Darul Agustiana Ma'rifah
1405553

Approved by:

Supervisor I



Dr. Eka Cahya Prima, S.Pd., M.T.
NIP. 199006262014041001

Supervisor II



Harsa Wara Prabawa, S.Si., M.Pd.
NIP. 198008102009121003

Head of International Program on Science Education
Study Program



Dr. Diana Rochmantiawati, M.Ed.
NIP. 196709191991032001