



UNIVERSITAS NEGERI MEDAN

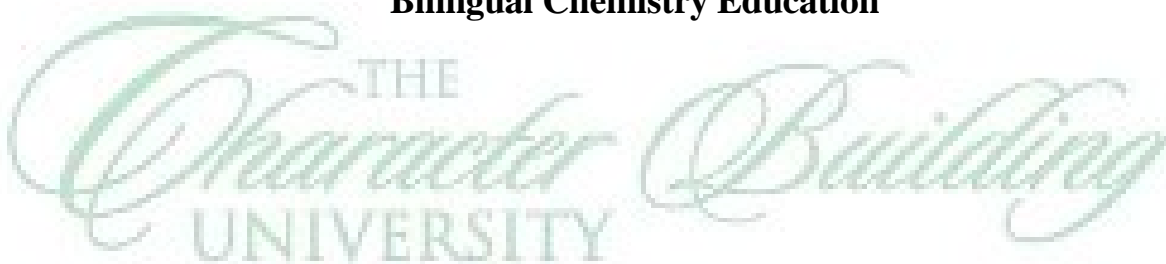
**THE USE OF ANDROID-BASED LEARNING MEDIA ON CHEMICAL
BONDING TO INCREASE STUDENT MOTIVATION AND LEARNING
OUTCOMES DURING ONLINE
LEARNING**

THESIS

**Submitted to Fulfill the Requirement for Getting the Degree of
Sarjana Pendidikan**

**Dwi Putri Azizah Bako
IDN 4163331007**

Bilingual Chemistry Education



**DEPARTMENT OF CHEMISTRY
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
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