

UNIVERSITAS NEGERI MEDAN

THE DEVELOPMENT OF INTERACTIVE LEARNING MEDIA BASED ISPRING APPLICATION ON REACTION RATE MATERIAL FOR GRADE XI SENIOR HIGH SCHOOL

THESIS

Submitted to Fulfill Requirement for Degree of Sarjana Pendidikan

Maydline Fransiska Marbun
IDN. 4183131043
Bilingual Chemistry Education Study Program

DEPARTMENT OF CHEMISTRY
FACULTY OF MATHEMATIC AND NATURAL SCIENCES
MEDAN
OCTOBER 2023