## **PREFACE**

First of all thanks to Allah Subhana Wata'ala because of His grace and guidance and grace so that the author can complete this thesis entitled "Applications of Problem-Based Learning By Using Live Worksheet Websites to Improve Problem Solving Skills in Learning Quadratic Equations in Student Classes IX SMPN 1 Galang" this thesis was prepared to fulfill one of the requirements to obtain a Bachelor of Education degree for students of the Bilingual Mathematics Education Study Program, Faculty of Mathematics and Natural Sciences, State University of Medan.

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The author also realizes that writing this thesis is not free from various deficiencies both in terms of language preparation and other aspects. The author expects constructive suggestions from readers for the perfection of this thesis so that in the end this thesis can be useful in various fields of education and field implementation and can be developed further.

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Sincerely,

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