FOREWORD

Praise be to God Almighty. This Final Project is a journey in the last year of my undergraduate studies at the Information Systems Undergraduate Study Program, Faculty of Industrial Engineering, Telkom University.

My thanks to:

1. My Final Project Supervisor, Mrs. Dr. Oktariani Nurul Pratiwi, and Mr. Hilman Dwi Anggana, for their direction and guidance during the work of this research.

2. My parents, for their moral support and prayers during the implementation of this Final Project in particular and during the education period in general.

3. Tiwi, Eflin, Saleh, as friends of the author's group, is doing sentiment analysis design that always encourages fully involved in this research to complete and launch the process.

I also thank all those who indirectly contributed to the completion of this Final Project.