

PREFACE

First of all, Praise and Thank to Almighty God for the blessing that given through His grace and guidance for the author to complete this final project which entitled "Design Automated Dispenser Using Pahl And Beitz Method".

Without the assistance and support from others, this research and final project would not have been possible done. As a result, on this occasion as an author I'd like to convey my gratitude to those mentioned below.

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The author is completely aware that there are numerous problems and inadequacies in this final project. As a result, any criticisms and helpful recommendations for further refinement will be greatly appreciated by the author. And the author hopes that this final project can be useful and helpful for the readers.

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Cesaltino Sarmiento Soares