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ENGINEERING
(MANUFACTURING)**

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THE FINAL YEAR PROJECT REPORT
COMPUTER INTEGRATED MANUFACTURING

(CIM)

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ENGINEERING
(MANUFACTURING)**

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Acknowledgement

The authors are indebted to their colleagues and lectures, especially to their Project Advisor, Ir. Abd. Rahman Omar for constructive discussions and help in checking the solutions to the problems.

The author acknowledge with thanks the permission granted by CADEM CENTRE, ITM Shah Alam to use its facilities.

Aderi bin. Mamat

Latifah bt. Saad

1.0 INTRODUCTION

Manufacturing can be defined as the process of transforming raw materials into a product. It is not enough, therefore, to process some raw materials and obtain the desired product. It is, in fact, of major importance to achieve that goal through employing the easiest, fastest and most efficient methods. So, the manufacturing industry is aiming to create product that can sell at a large margin of profit. To achieve this aim, the best product must be designed and manufactured in the shortest possible time and at a lower cost.

One of the key to improve the productivity of manufacturing and maintaining competitive cost, is to use advance manufacturing technologies. Some of these technologies can be used in variety of different applications. Most of the advance technologies used today and those being developed for the future used computer technologies. Computer Integrated Manufacturing is one of the technology used by manufacturing industries today used by manufacturing today.