

# LOT SIZING PROGRAMMING

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## ABSTRACT

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The project title of this project is Lot Sizing Programming. This is the project to construct a system by using VB programming that able to provide information to determine a suitable lot size. The reason that choosing VB programming to construct this system is because VB provides the nice user interface and that is easier compared with the C++ programming and Java programming.

This program able to do the calculation to compare the lot size, the calculation contain in this program is such as:

- I. Calculation for the Average number of job
- II. Calculation for the average flow time
- III. Calculation for the machine idle time
- IV. Calculation for the system time to produce a product

This program able to produce the result for different amount of lot size, it is useful for the industrial engineering to compare each lot size to determine a better lot size for a production line. This program can produce the result in the shorter time and accurate.