

## TERMINOLOGY

Job Shop Scheduling	: set the sequences of job and operation which will be processed and manage the schedule.
Engine	: is turbine engine which is repaired in PT XYZ. The type of engine in this research is CT7. The Engine consists of several modules.
Module	: a group of parts that build the engine. So the engine consists of several modules and modules consists of several parts
Machines and Workcenters	: is the place to give value added to the repair part by the repair treatment or process.
Processing Time	: the time that is used to process the part, in this research the process is repair.
Chromosome	: the alternative or possibility of solution.
Population	: a group of chromosomes which are generated randomly through permutation encoding.
Fitness	: parameter which is used to solve the problem. Fitness is the objective function in genetic algorithm
Mutation	: is a changes in character which occurred in chromosomes. It is occurred depends on the probability of mutation
Crossover	: is the process to generate the good individual to get the higher fitness.
Maximum Generation	: is the last generation that is used to terminate the iteration.