

Abstract

Diploma thesis title

Defining Standard Time

GREENLED

The Light Side of Life



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Field of study	Mechanical engineering / Systems engineering
Year of graduation	2022
Initial situation	GreenLED is a Finnish company providing smart lighting solutions. The products are manufactured in six assembly lines. A database has been implanted based on the timestamp of every product completed. GreenLED has many different variations of each of their products to satisfy each of their customers.
Task/objective	The principal objective is to create a procedure for developing Standard Times creation for product family. This procedure must be based on the existing database and should help compare every variant of each product. This procedure must be capable of being adapted to every product family.
Results/benefits	An excel file has been created to define Standard Time. It is highly adaptive to every product family. A week of data can be analysed to give a very detailed view of every day as well as a quick overview of the week. On the whole, all goals have been reached.

competent. clever. agile.