FROM DESIGN TO MANUFACTURING FOR MASS CUSTOMIZATION

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Abstract: *According to the Lean Philosophy it would be important to see the waste of time not only during the manufacturing process but also during the designing cycle of a product. But it is required more time for the transformation of information from the design phase to the manufacturing phase. It is advisable, that researches work toward waste reduction or elimination. The fundamental issues of this transformation will be supported by theoretical rules and principles. These rules should have as a basic background the customer. The rules and the principles should characterize this transformation as a flexible activity that reduces and eliminates the waste of time. In order to achieve this goal, beyond the theoretical base of these rules and principles, a platform should be created, which will accomplish this transformation. The researchers should be led to these directions, through the creation of basic rules and principles and then through the design of a basic platform, having as characteristics the reduction of time of this process, eliminating the waste of time, the guarantee of quality and the flexibility of this process.*

Key Words: *Mass Customization, Lean Philosophy, Waste of time, Disigning, Manufacturing, VSM (Value Stream Mapping)*

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