

## PERTEMUAN 8

### DSP 309 DESAIN INDUSTRI 1

#### **Concept Design**

*Using the PDS as the basis, the designer attempts to produce an outline of a solution. A conceptual design is usually an outline of key components and their arrangement with the details of the design left for a later stage. For example, a concept design for a car might consist of a sketch showing a car with four wheels and the engine mounted at the front of the car. The exact details of the components such as the diameter of the wheels or the size of the engine are determined at the detail design stage. However, the degree of detail generated at the conceptual design stage will vary depending on the product being designed.*

*It is important when designing a product that you not only consider the product design specification but you also consider the activities downstream of the design stage. Downstream activities typically are manufacture, sales, transportation etc. By considering these stages early, you can eliminate problems that may occur at these stages.*

*This stage of the design involves drawing up a number of different viable concept designs which satisfy the requirements of the product outlined in the PDS and then evaluating them to decide on the most suitable to develop further. Hence, concept design can be seen as a two-stage process of concept generation and concept evaluation*

#### **Daftar Pustaka:**

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