D.O.W.N.T.I.M.E. - 8 Types of Waste

Anything that does not increase value in the eye of the customer must be considered waste, and every effort should be made to eliminate that waste.

**Defects**
- Mistakes that require resources to fix
  - Poor documentation
  - Poor quality control

**Overproduction**
- Producing more than needed
  - Based on erred forecast
  - Engineering change
    - Just in case

**Waiting**
- Work isn’t happening
  - Unbalanced workload
  - Upstream bottleneck

**Not Utilizing Talent**
- Good idea, but No!
  - Poor communications
  - Poor management
    - Lack of trust

**Transportation**
- Moving things around
  - Shuffling parts / inventory
    - Poor space layout
  - Too many paces

**Inventory**
- Having more than is needed
  - Mismatched flow
    - Bad forecast

**Movement**
- Unnecessary movements
  - Hunting for parts
  - Walking around

**Excess Processing**
- Non value added efforts
  - Too many signoffs
  - Re-entering data

Original Concept: Toyota Production Systems   https://gravirstrategy.com/8-wastes