

Concept: Work breakdown

Bike

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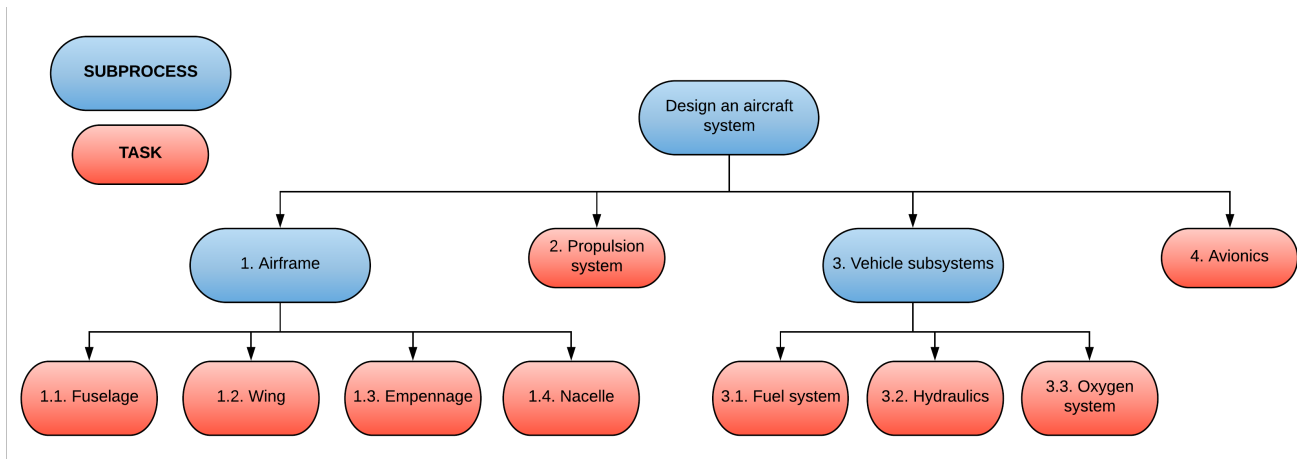
Definition

A **work breakdown** is a deliverable-oriented breakdown of a **project** into smaller components, called **tasks**. This breakdown splits the project work into manageable steps that can be tackled by different people. Tasks are often dependent on the results of previous tasks. This sorting of work is not a strict requirement, but is most easily implemented by numbering tasks.

The work breakdown can be organized by grouping tasks under a container called a **subprocess**. This grouping helps the project team keep track of the status and progress of multiple tasks of the project.

Example of a work breakdown: Aircraft system design

In the figure below, a very simple example of an aircraft system design is presented in a **work breakdown** tree structure. As shown in the figure, on the last level of any tree branch there are only tasks. This means that any **subprocess** contains at least one **task**, as the only role of the subprocesses is to structure the **project**.



What is the role of tasks?

The **tasks** is where the **product** and **work breakdown** interact. Make sure to read [this page](#) as well.

Example of a work breakdown: Bike design

In the picture below, an example of a work breakdown structure inside **KE-chain** is shown.

Name	Assignees	Progress	Due date	Status
4. Building your first bike		<div style="width: 100%; height: 10px; background-color: #28a745;"></div>		Open
Design saddle		<div style="width: 100%; height: 10px; background-color: #28a745;"></div>		Open
Define saddle properties		<div style="width: 100%; height: 10px; background-color: #28a745;"></div>		Open
Design the wheels		<div style="width: 100%; height: 10px; background-color: #28a745;"></div>		Open
Calculate the wheel circumference		<div style="width: 100%; height: 10px; background-color: #28a745;"></div>		Open
Choose the tyre features		<div style="width: 100%; height: 10px; background-color: #28a745;"></div>		Open
Choose tyre color		<div style="width: 100%; height: 10px; background-color: #28a745;"></div>		Open
Design the rim		<div style="width: 100%; height: 10px; background-color: #28a745;"></div>		Open
Choose rim material		<div style="width: 100%; height: 10px; background-color: #28a745;"></div>		Open
Specify wheel diameter	Configurator	<div style="width: 100%; height: 10px; background-color: #28a745;"></div>	2019-11-08 21:00	Open
See bike properties		<div style="width: 100%; height: 10px; background-color: #28a745;"></div>		Open