Topic and Goal of the Thesis

Concepts Cars for highly automated vehicles show us what interiors may look like in the future. Existing conventions of design seem set aside. This development is customer-driven by the urge to use the gained time while driving efficiently. This challenges the automotive industry. It is asked to create novel interiors without having the chance to rely on experience values.

This Thesis has the aim to identify and analyse interior Use-Cases and their derived requirements. These requirements can be used to check interior concepts at an early stage in the development process and make sure that the customer’s demands are fulfilled in the best possible way.

Working Points

• State of the Art on interior Use-Cases for highly automated driving
• Identification, analysis and description of Use-Cases
• Development of a method for identifying and analysing Use-Cases
• Application and evaluation of the method in workshops

Requirements

• Good English and German language skills
• Strong reliability, commitment and working independently
• Experience determining requirements