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# Background and Related Work

*This chapter provides the reader with the relevant technical-scientific background as well as existing related products and research, also known as the state of the art, in the field(s) of the project.*

## Introduction

*Provide here an overview of the contents (structure) of this chapter.*

## Concepts

*Provide here all relevant concepts related to the topic(s) of the project*

These are examples of citations to books [(Thapa2019)] and [(Obayashi2020)], a chapter on a smart companion [(Reis2020)], articles on IoT [(Hamza2023)], blimps [(Mahn2006)], cloud computing [(Llorente2009)], gas emissions [(Ranjith2020)], pedestrian crossing behaviour [(Sobhani2018)], smart bicycles [(Lee2018)] and diaper moisture [(Khan2018)], and to Web resources [(android41)], [(cloudexpo2008)] and [(gartner2021)].

## Products

*Search, select and describe related commercial solutions*

## Projects

*Search, select and describe related research projects*

## Comparative Analysis

*Compare selected products and projects considering the requirements of your own solution*

## Summary

*Provide here the conclusions of this chapter and make the bridge to the next chapter.*

Based on this study of the state of the art, the team decided to adopt the following <specify here the architecture, technique(s), material(s), component(s)> because <specify here the technical/scientific reasons>.

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