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State of the Art

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.

These are examples of citations to books **[1]** and **[2]**, a chapter on a smart companion **[3]**, articles on IoT **[4]**, blimps **[5]**, cloud computing **[6]**, gas emissions **[7]**, pedestrian crossing behaviour **[8]**, smart bicycles **[9]** and diaper moisture **[10]**, and to Web resources **[11]**, **[12]** and **[13]**.

Domain Overview

Existing Solutions

Commercial solutions

Open-source solutions

Research prototypes

Compare selected solutions considering the requirements of your own solution

Relevant Technologies and Approaches

Data sources and acquisition

Data analysis and modelling techniques

Data visualisation techniques

UI/UX approaches

Development technologies

Gap Analysis

Summary of limitations of existing solutions

Identified opportunity

Positioning of the proposed solution

Design Implications

Summary

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

What did the you learn from the state of the art and how did it influence the proposed solution?

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[10] Tareq Khan, May 2018. A Smart Wearable Gadget for Noninvasive Detection and Notification of Diaper Moister. *2018 IEEE International Conference on Electro/Information Technology (EIT)*, pp.0240-0244, ISSN 2154-0373.
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