

ENGINEERING COLLEGE OF AARHUS

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CHARCOT FOOT PREVENTION SYSTEM TECHNOLOGY STUDIES

This document is made in the bachelors project "Charcot foot prevention system". The project is provided by DELTA and adjusted by the group. This document covers the technology studies made during the project to realise some of the blocks implemented in the system.

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Introduction

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1.1 Version history

Version	Description	Author	Date
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1.2 Purpose

This document covers all research done with regards to the sensor nodes.

1.3 Scope

The document is made before implementation of the sensor nodes and should give argumentation and documentation for the chosen and discarded technologies.

1.4 References

None at the moment.

1.5 Glossary & abbreviations

Term/abbreviation	Definition
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Communication protocol 2

This chapter describes the technology studies of the communication protocol implemented in the project.

Clock recovery 3

This chapter describes the technology study concerning the clock recovery implemented in the system.

Phase locked loop 4

This chapter describes the technology study concerning the phase locked loop used in the project.

PIC architecture 5

This chapter describes the architecture of the PIC controller which is used to implement the system.