

Requirements document

SQUID

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Software Engineering Project

UNIVERSITY OF HELSINKI

Department of Computer Science

Course

581260 Software Engineering Project (6 cr)

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Change Log

Version	Date	Modifications
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1 Introduction

This document describes client requirements and system requirements for a SQUID magnetometer program that will be designed and implemented as a software engineering student project at University of Helsinki at the Computer Science Department. The client is the Department of Geophysics.

This document serves as a contract between client and us..

Expected readership of this document here..

1.1 Glossary

Technical terms here..

2 Overview

A brief overview of the problem domain..

3 User requirements definition

Goals of the software set by client..

3.1 Requirements

Requirements by client..

3.2 Use cases

3.3 Restrictions

Restrictions set by client..

4 System requirements specification

Specific explanation of the functions to be implemented

4.1 Functional requirements

4.2 Non-functional requirements

Requirements concerning the quality and performance of the software..

4.2.1 Environment

4.2.2 Maintainability

4.2.3 Etc.

4.2.4 Etc.

4.3 External interfaces

Interface to existing software and use of it described here..

4.4 System restrictions

5 User interface

Overview of UI described here..

6 Architecture overview

7 Validation

Description of how to validate the set requirements.