

Continuous File Synchronization System

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Chapter 1

Introduction

1.1 Motivation

1.2 Problem Statement

1.3 Goals

1.4 Related Work

1.4.1 Currently Available Solutions

1.4.2 Features Matrix

1.5 Software Development Methodology Used

Chapter 2

Requirements Analysis

2.1 Surveys

2.2 Results of (Part 2.1) represented as charts

2.3 Functional Requirements

2.4 Non-functional Requirements

2.5 Use Case Diagrams

Chapter 3

Design

3.1 Sequence Diagrams

3.2 ERD

3.3 Data Flow Diagrams (DFD-level 0 and DFD-level 1)

3.4 Algorithms

3.5 UML Class Diagrams

Chapter 4

Implementation Aspects

4.1 Overall System Architecture (Blocks diagram)

4.2 Tools, Technologies and/or Programming Languages

4.3 Prototype