

# Software Design Specification for Digital Watch System

Project Team

**T3 Team**

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Team Information

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## 1 Introduction

### 1.1 Purpose

Digital watch System에서 사용할 수 있는 SW를 구현하기 위한 요구사항을 명시한 문서입니다.

### 1.2 Scope

#### 1.2.1 개발팀

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#### 1.2.2 제한사항

손목시계와 연동까지 고려하지 않고, SW로만 구동할 수 있도록 한다.

#### 1.2.3 제품의 활용도

개발이 완료된 후 실제 손목시계의 SWf를 개발하기 위한 프로토타입으로 삼을 수 있다.

#### 1.2.4 개발환경

IDE: Eclipse, Text editor

Compiler: GCC (MinGW, Cygwin)

### 1.3 Definition, acronyms, and abbreviations

SW: Software

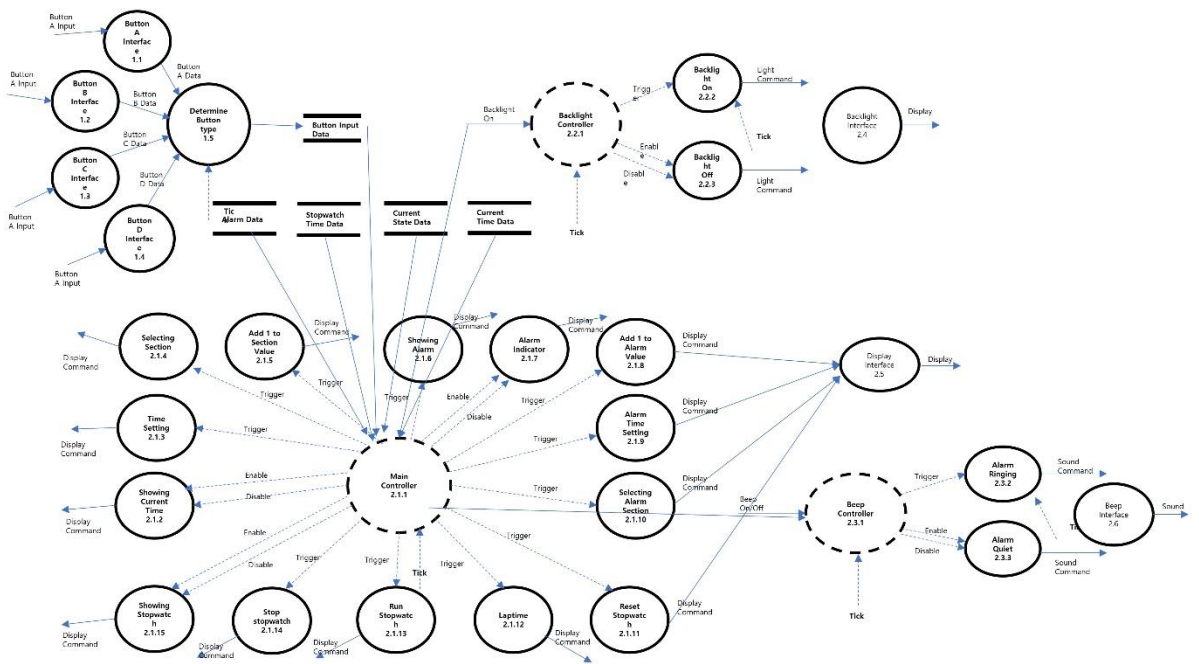
HW: Hardware

### 1.4 Reference

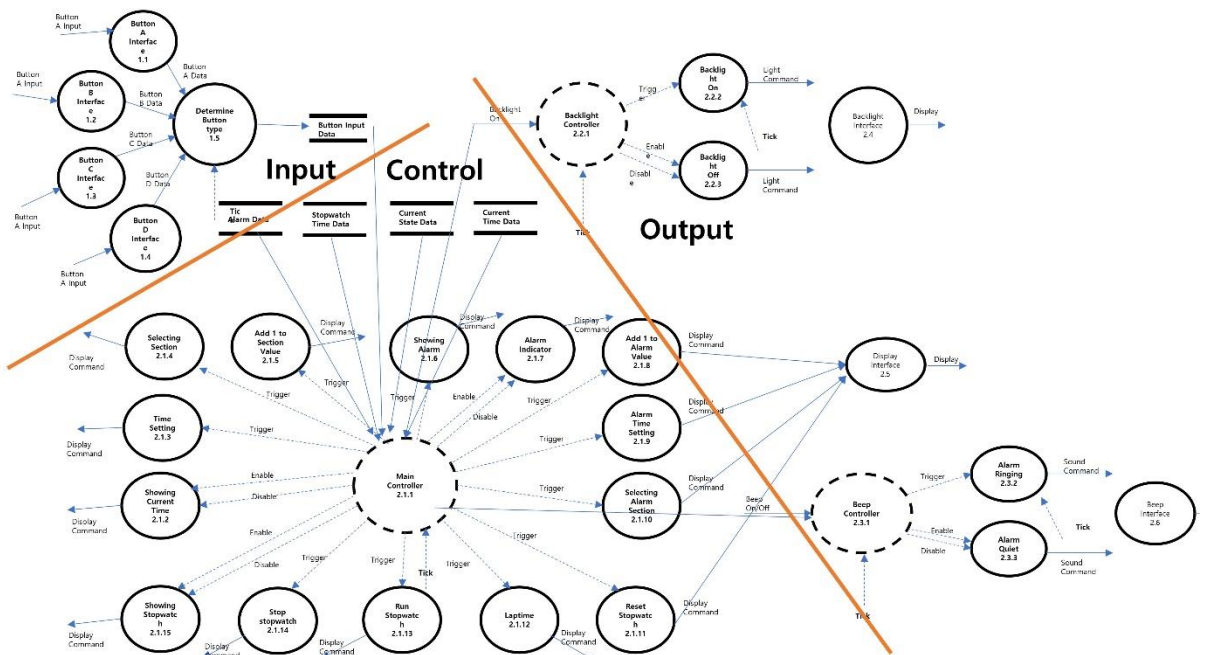
IEEE Std. 830-1998

## 2 Structured Design

### 2.1 Overall DFD

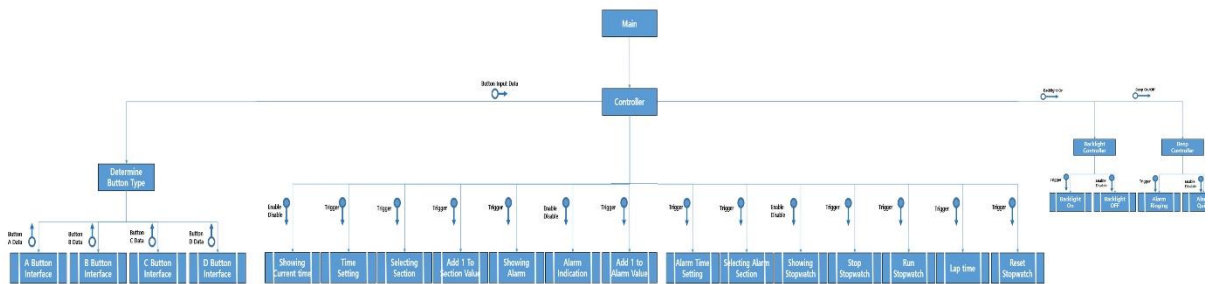


## 2.2 Structured Charts – Transform Analysis

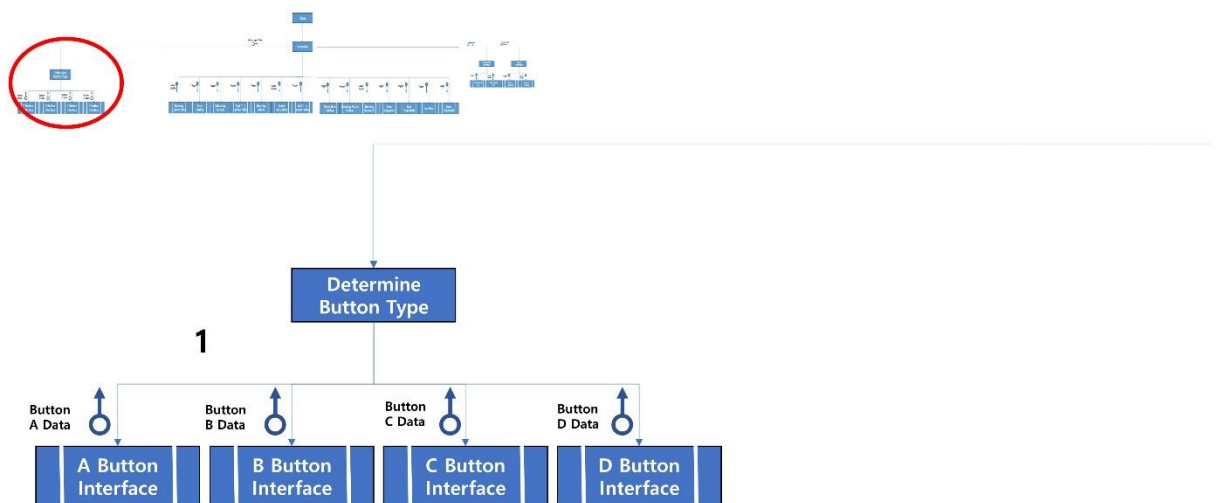


## 2.3 Structured Charts

# Structured Charts – Digital Watch System



# Structured Charts – Digital Watch System 1



## Structured Charts – Digital Watch System 2



## Structured Charts – Digital Watch System 3



# Structured Charts – Digital Watch System 4

