

# Software Design Specification for Digital Watch System

**Project Team**

**Team 4**

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## 1 Introduction

### 1.1 Purpose

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

### 1.2 Scope

#### 1.2.1 개발팀

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#### 1.2.2 제한사항

HW(손목시계)와 연동까지 고려하지 않고, SW로만 구동할 수 있도록 한다.

#### 1.2.3 제품의 활용도

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

#### 1.2.4 개발환경

IDE: VS 2017

Compiler: GCC (MinGW)

### 1.3 Definition, acronyms, and abbreviations

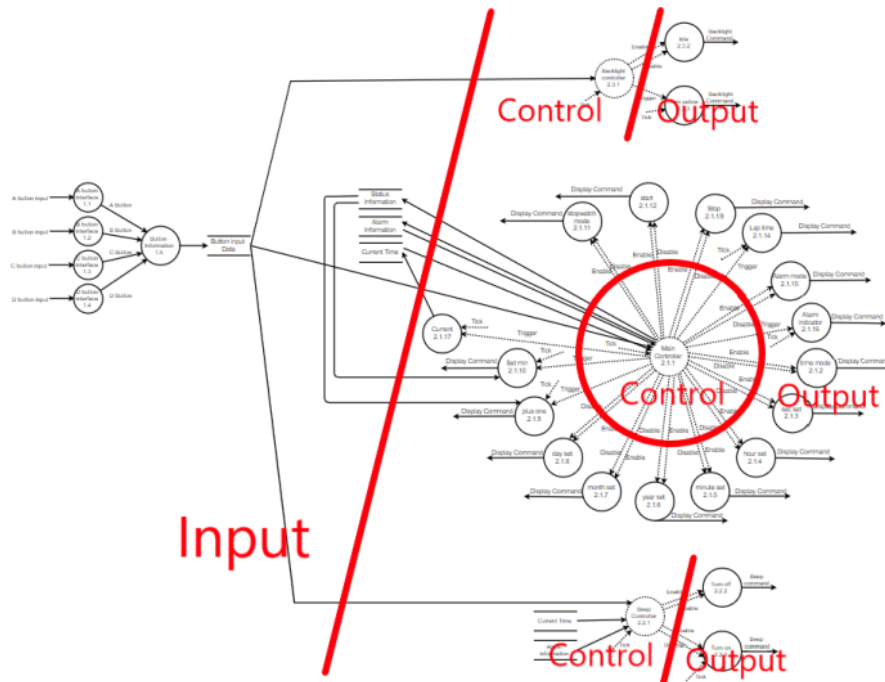
SW: Software

HW: Hardware

## 2 Reference

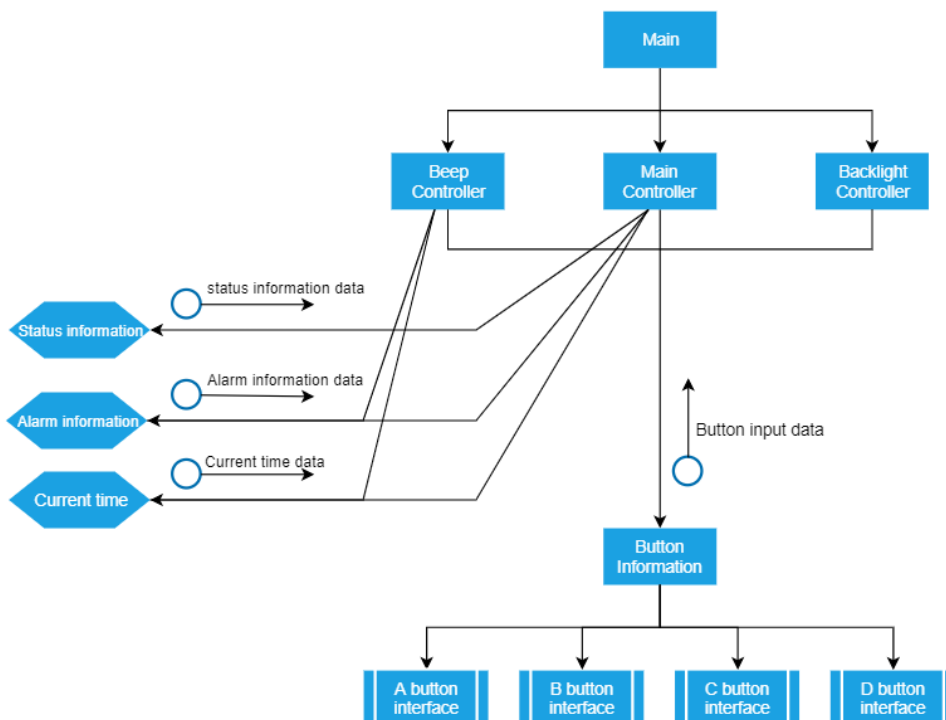
IEEE Std. 830-1998

### 3 Structured Design

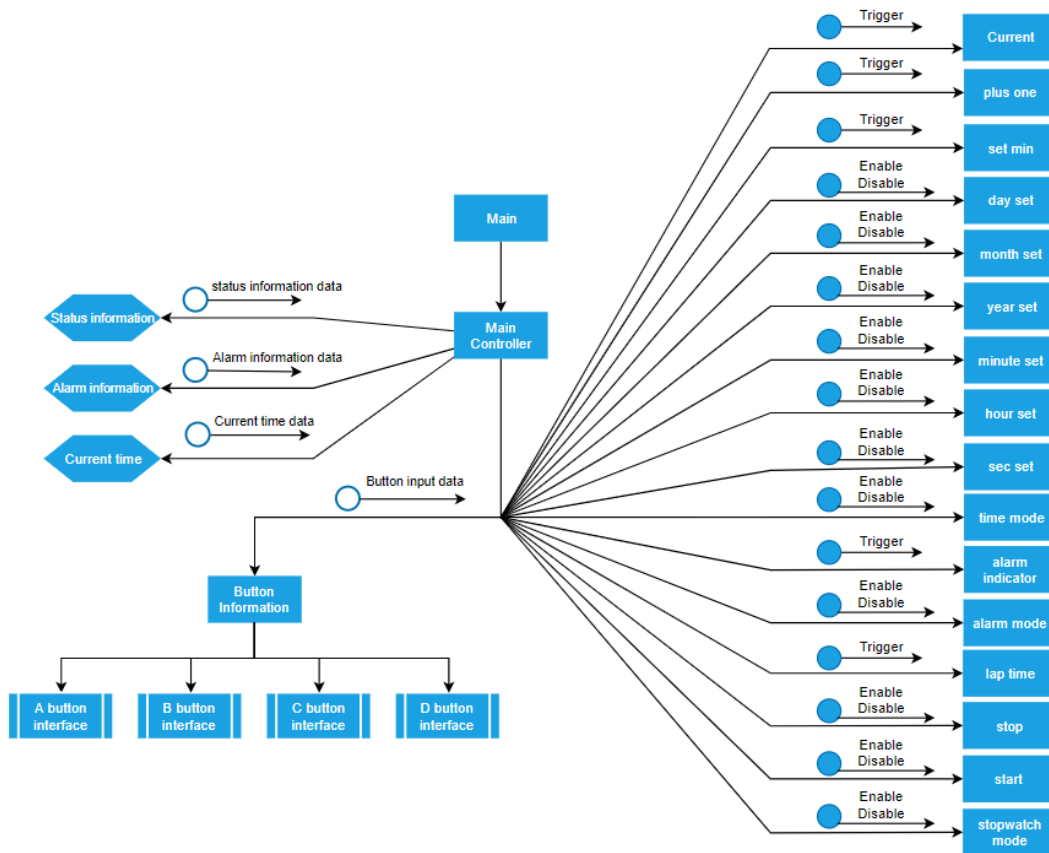


#### 3.1 Structured Charts (Basic)

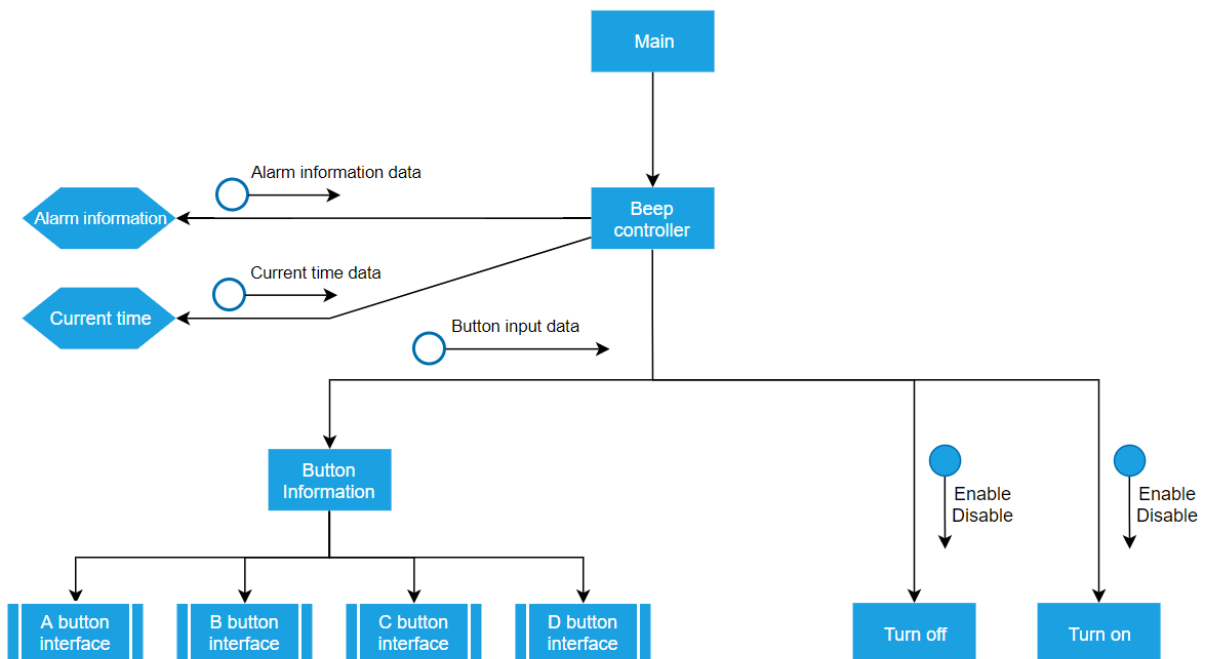
##### 3.1.1 Overall



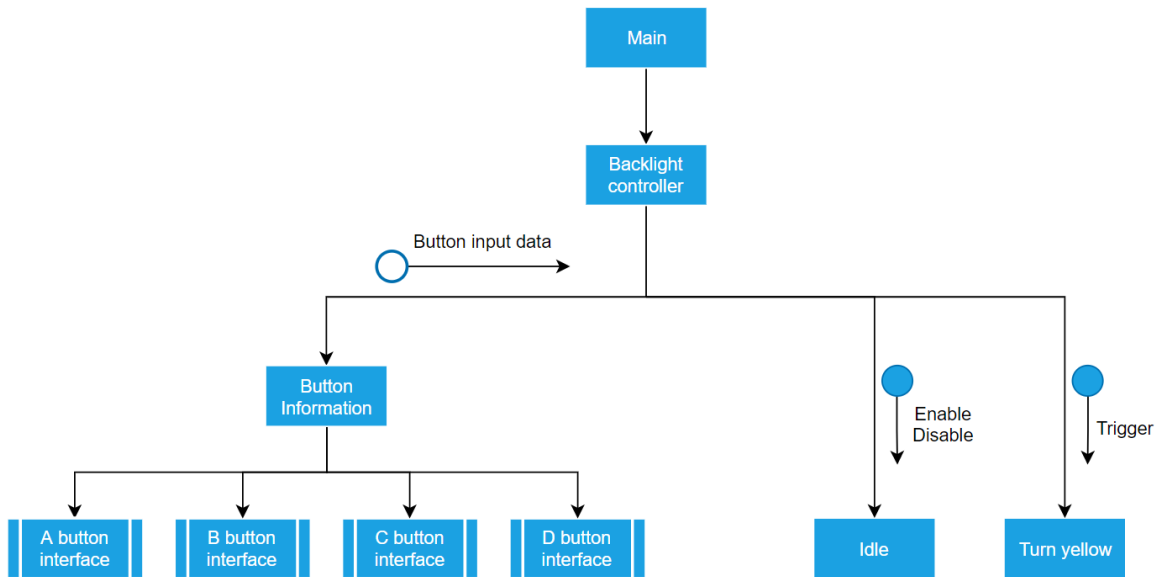
### 3.1.2 Main



### 3.1.3 Beep

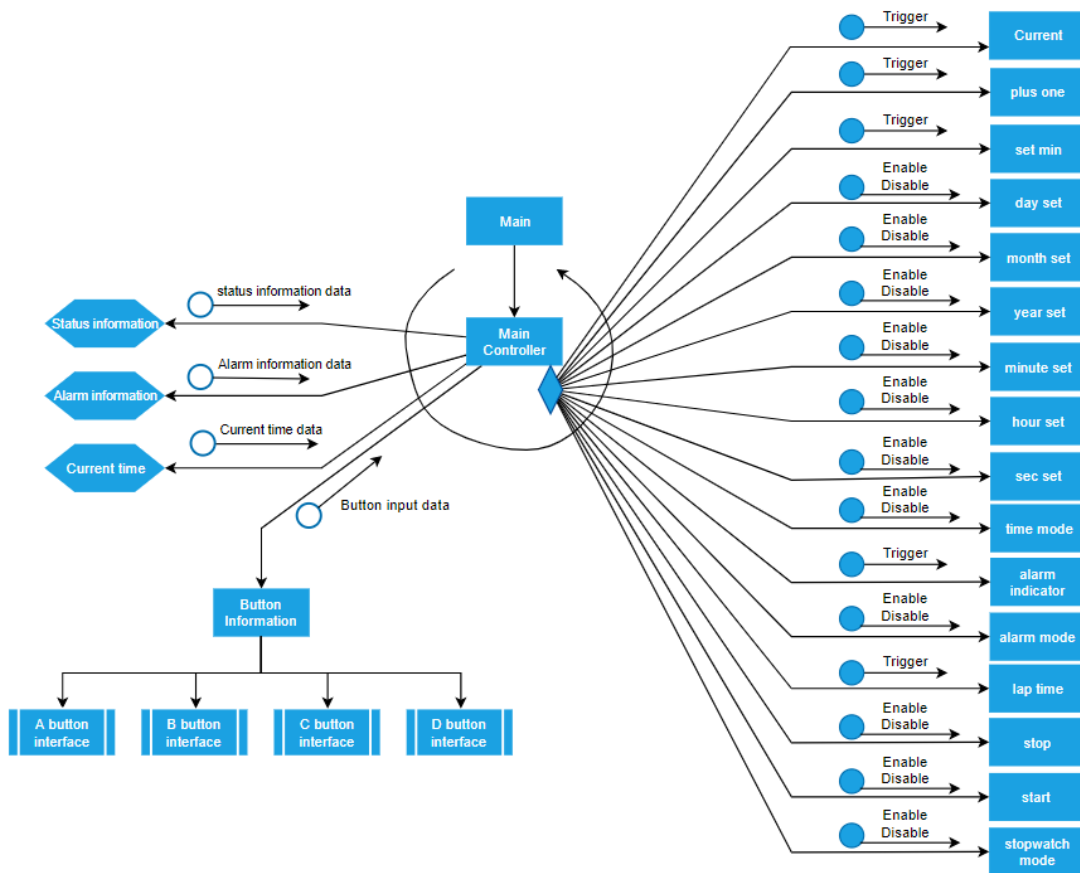


### 3.1.4 Backlight

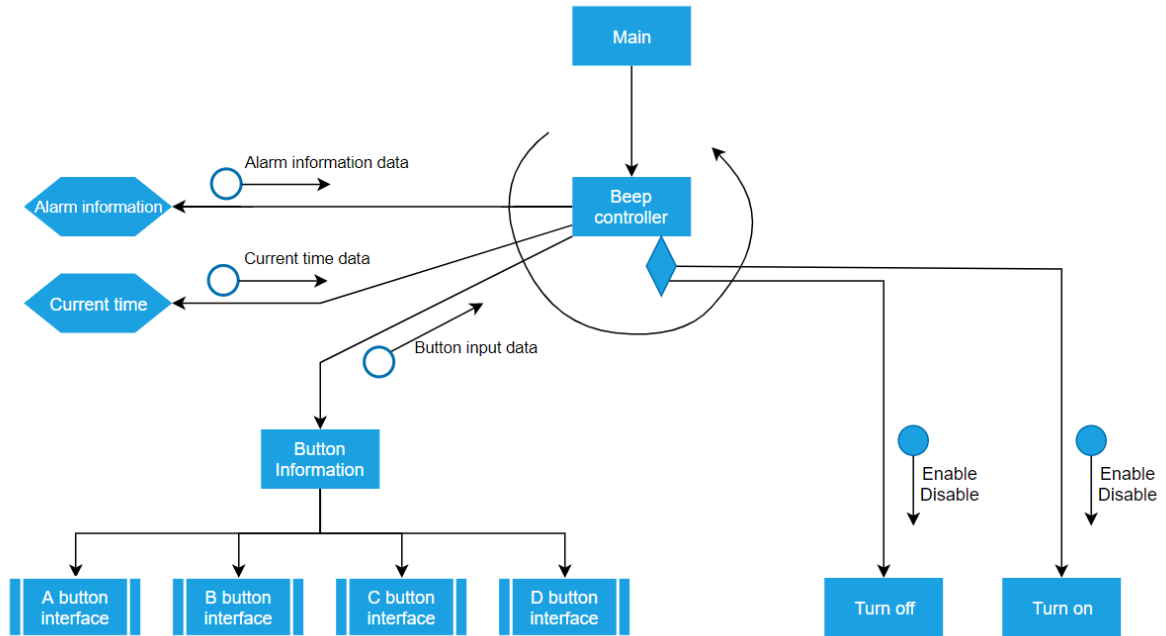


## 3.2 Structured Charts (Advanced)

### 3.2.1 Main



### 3.2.2 Beep



### 3.2.3 Backlight

