

Software Design Specification for Digital Watch System

Project Team
Team 4

Date
2019-11-04

Team Information

201212519 김선우
201612368 이지우
201614157 김도연
201714521 신호혜

Table of Contents

| | | |
|-------|------------------------------|---|
| 1 | Introduction | 3 |
| 1.1 | Purpose | 3 |
| 1.2 | Scope | 3 |
| 1.3 | Definitions and acronyms | 3 |
| 2 | Reference | 3 |
| 3 | Structured Design | 4 |
| 3.1 | Structured Charts (Basic) | 4 |
| 3.1.1 | Overall | 4 |
| 3.1.2 | Main | 5 |
| 3.1.3 | Beep | 5 |
| 3.1.4 | Backlight | 6 |
| 3.2 | Structured Charts (Advanced) | 6 |
| 3.2.1 | Main | 6 |
| 3.2.2 | Beep | 7 |
| 3.2.3 | Backlight | 7 |

1 Introduction

1.1 Purpose

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

1.2 Scope

1.2.1 개발팀

Team 4

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

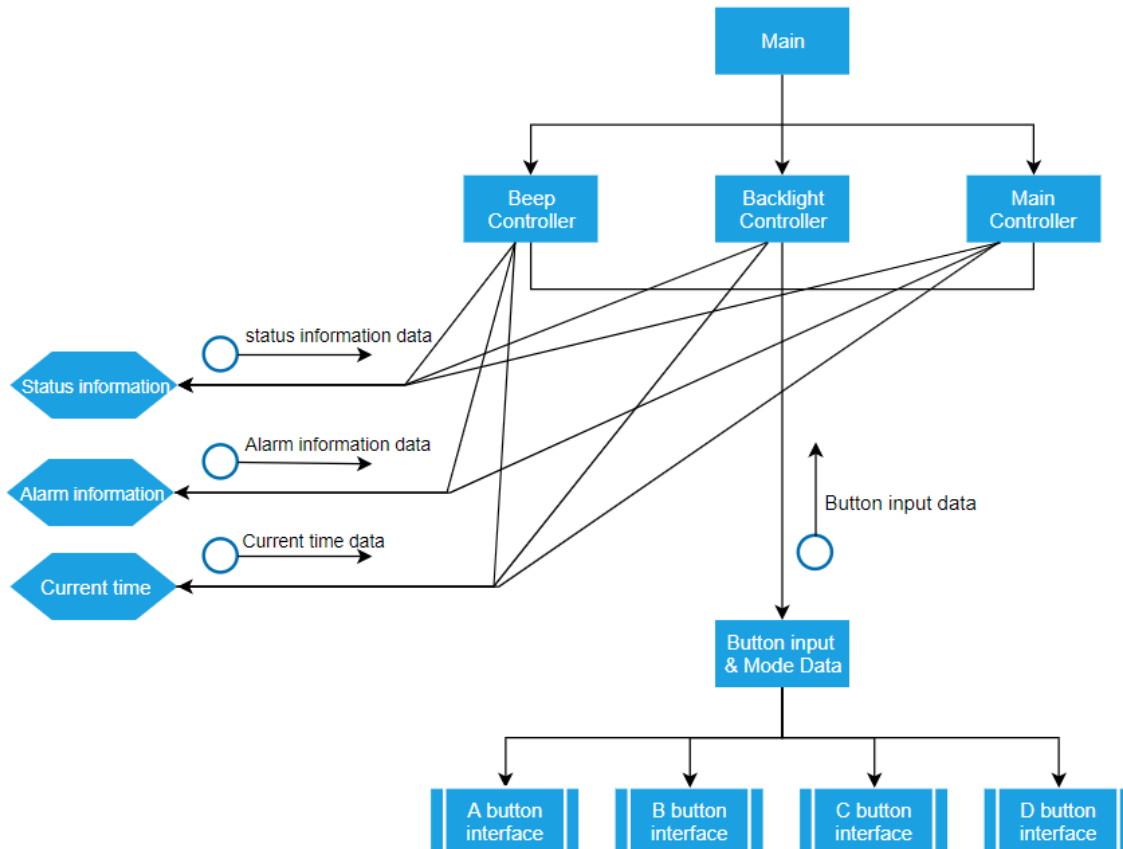
2 Reference

IEEE Std. 830-1998

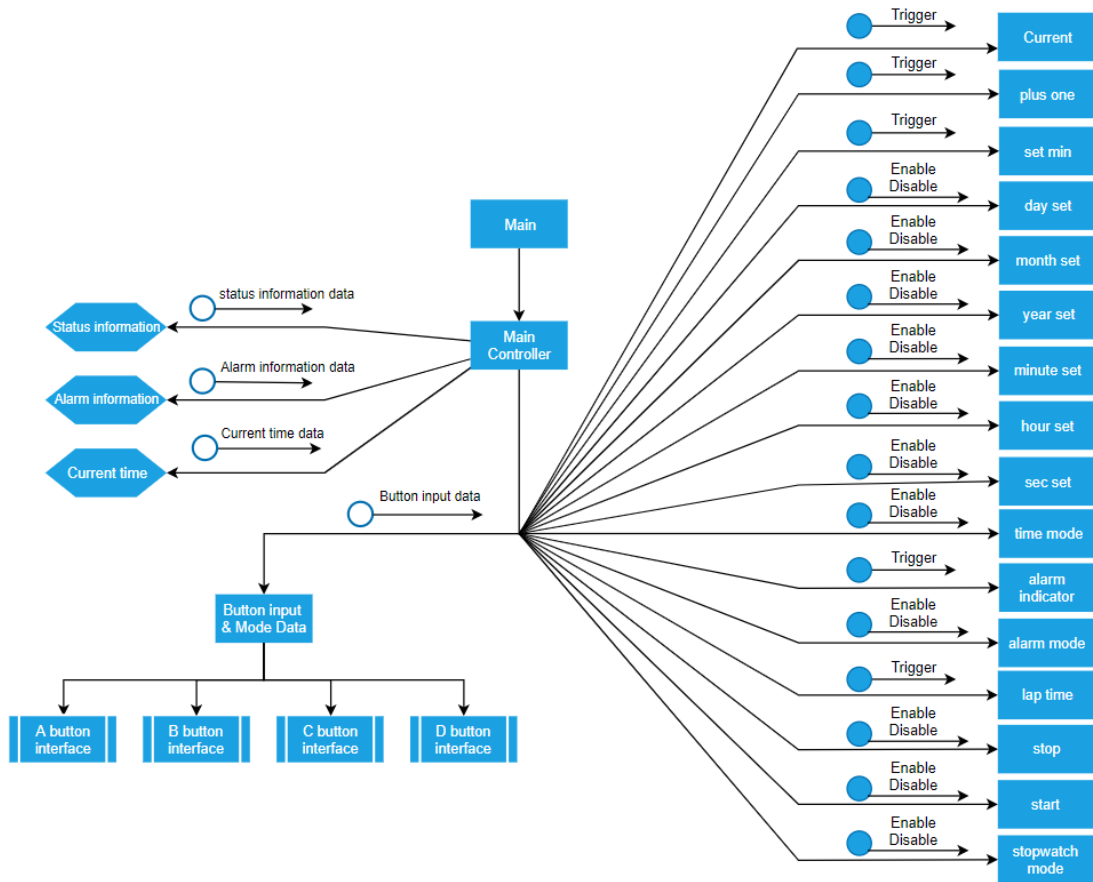
3 Structured Design

3.1 Structured Charts (Basic)

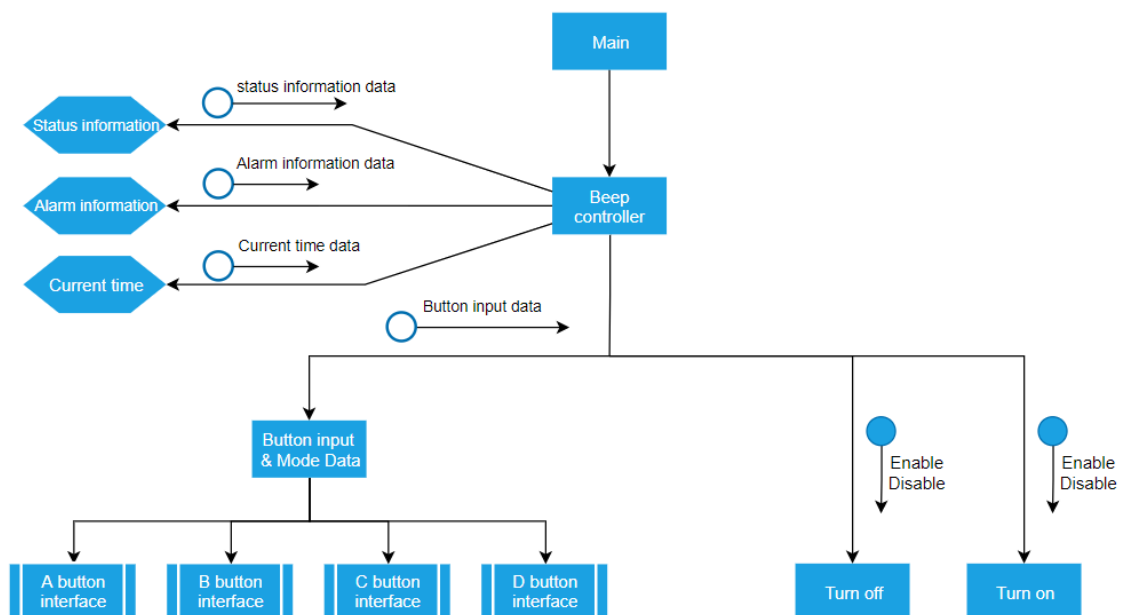
3.1.1 Overall



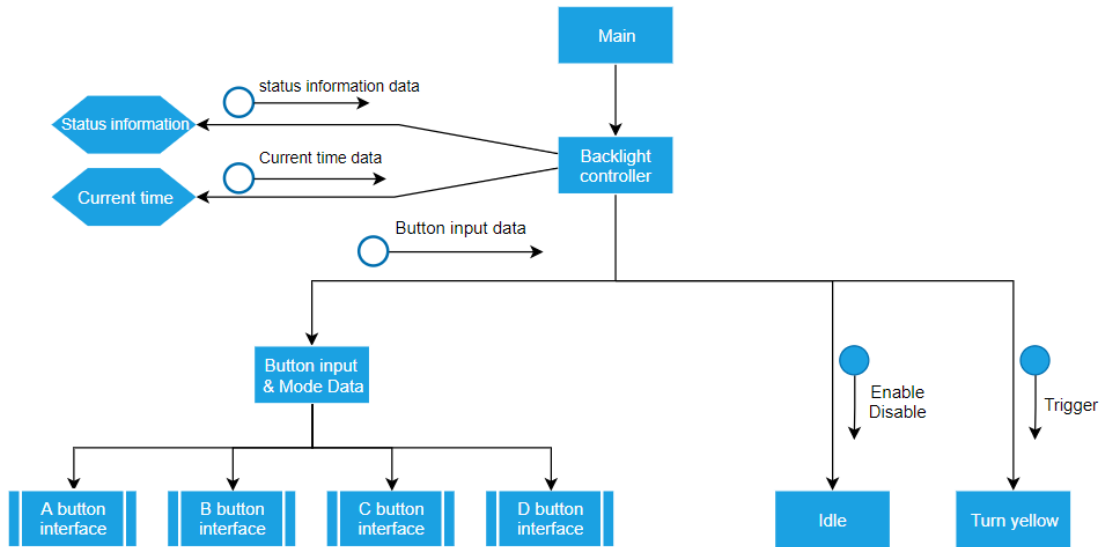
3.1.2 Main



3.1.3 Beep

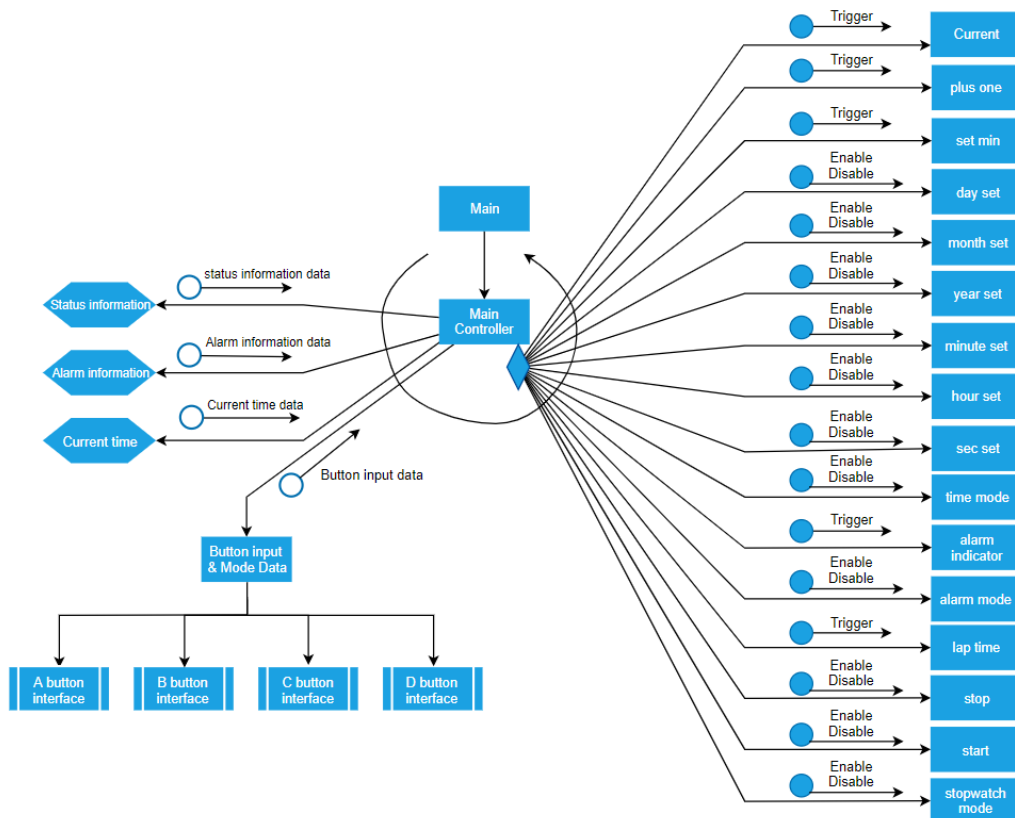


3.1.4 Backlight

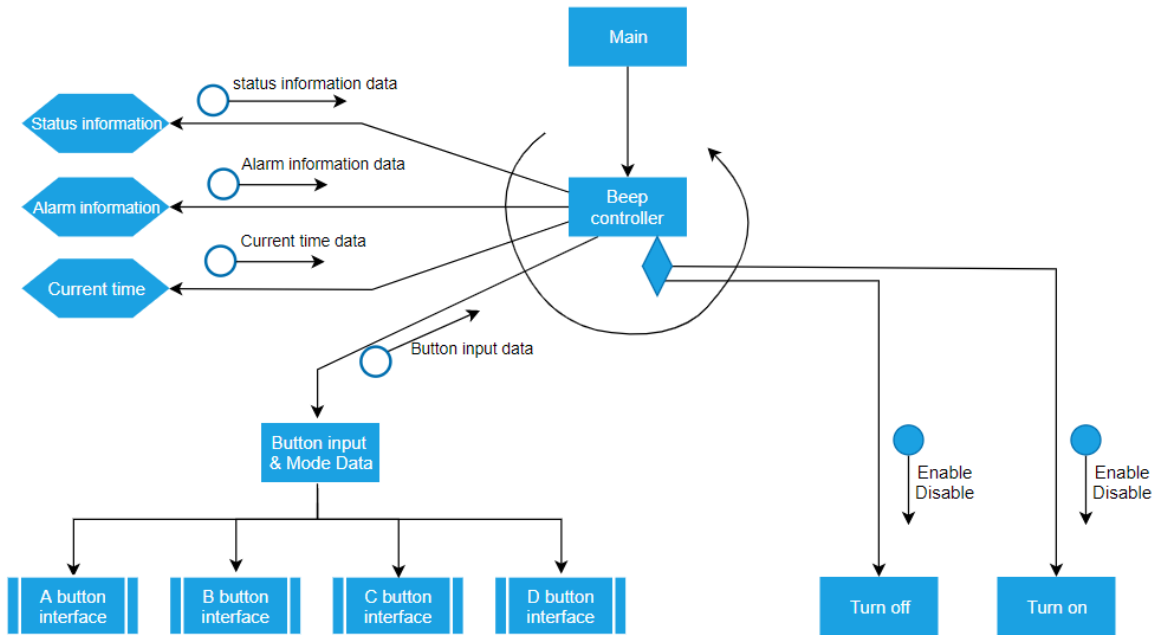


3.2 Structured Charts (Advanced)

3.2.1 Main



3.2.2 Beep



3.2.3 Backlight

