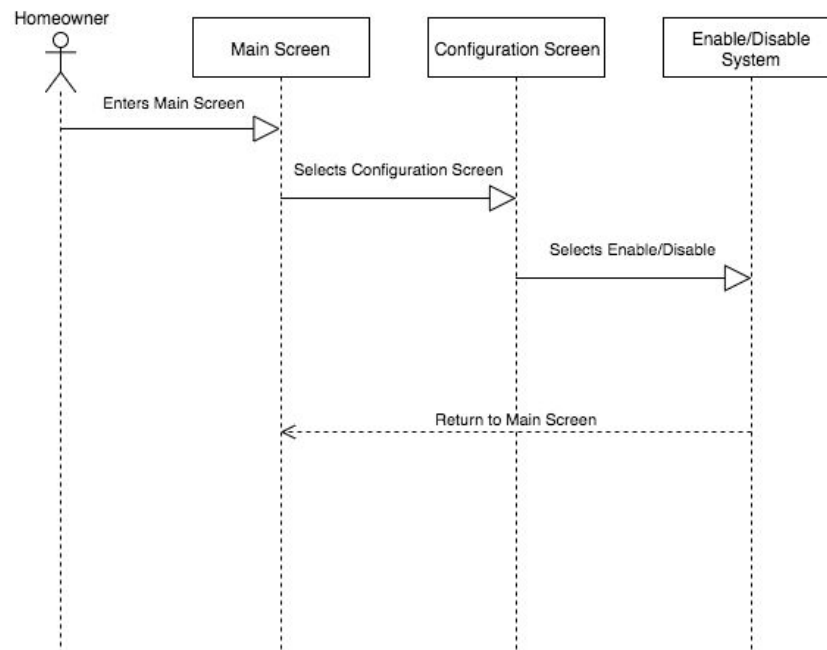# Interaction Diagrams

I. Introduction

The interaction diagrams listed below will show the general flow of the Sprinkler System. The diagrams below are outlining the behavior of the views for the primary use cases.
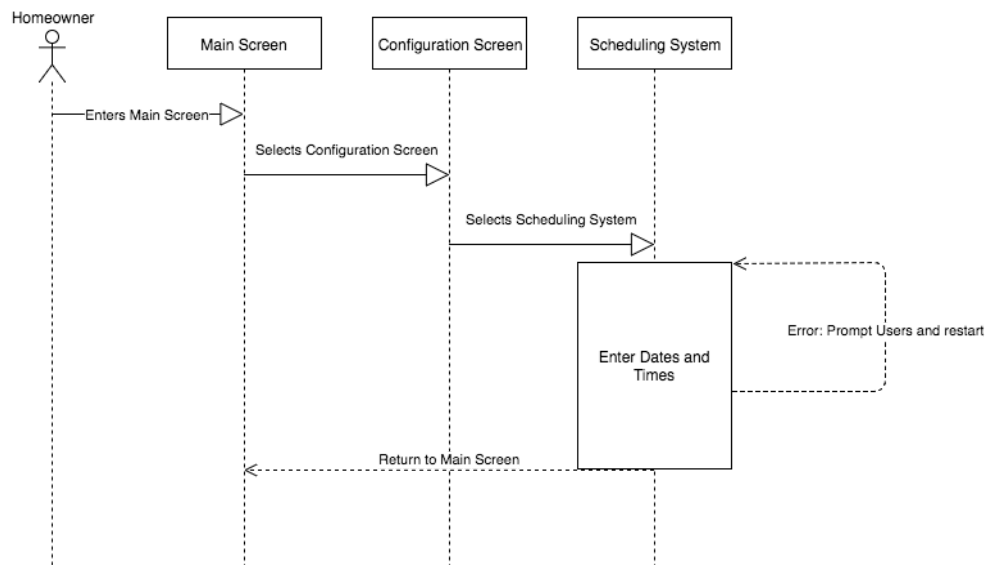
II. Diagram

A.

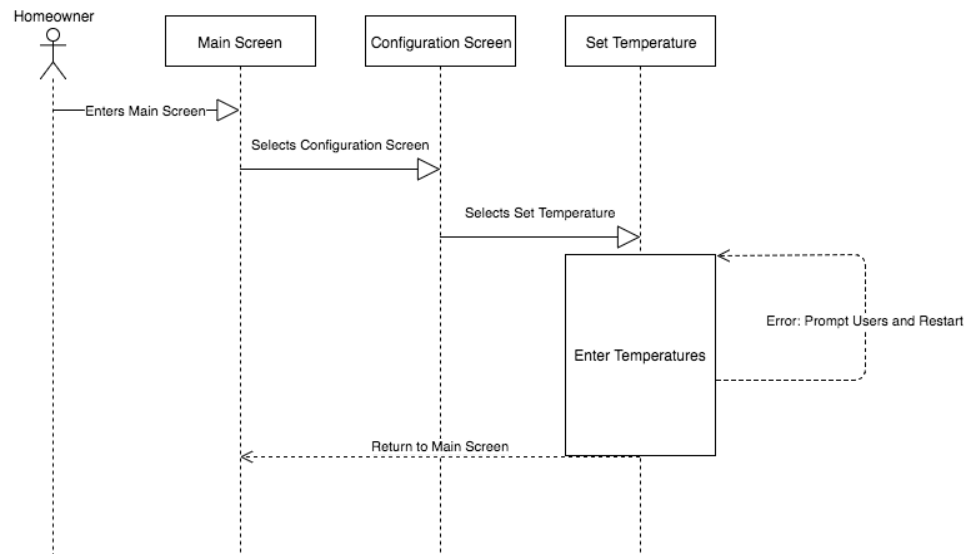## Usecase 1 Enable or Disable the System
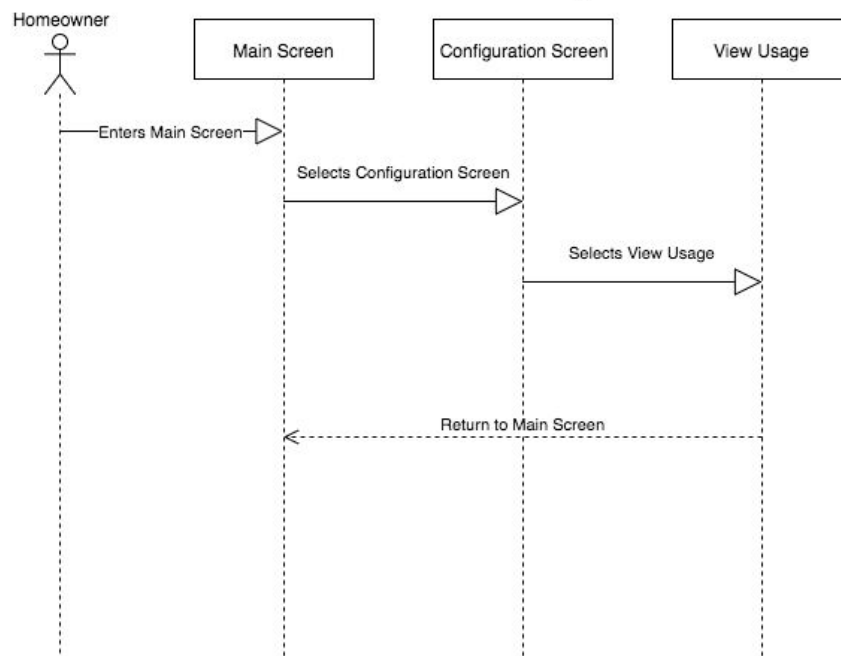

B.

Usecase 2 Scheduling System

C.

Usecase 3 Setting Threshold Temperatures

Homeowner | Main Screen | Configuration Screen | Set Temperature

— Enters Main Screen ▷

Selects Configuration Screen ▷

Selects Set Temperature ▷

Enter Temperatures

Error: Prompt Users and Restart

Return to Main Screen

D.

Usecase 4 View Usage

Homeowner | Main Screen | Configuration Screen | View Usage

— Enters Main Screen ▷

Selects Configuration Screen ▷

Selects View Usage ▷

Return to Main Screen

E.

Usecase 5 View Status

Homeowner

| Main Screen | Configuration Screen | View Status |

Enters Main Screen

Selects Configuration Screen

Selects View Status

Return to Main Screen