

# Remote Home

# Introduction



# Problem



# Remote Home Framework Overall Design



# Remote Home Framework Communication Protocols

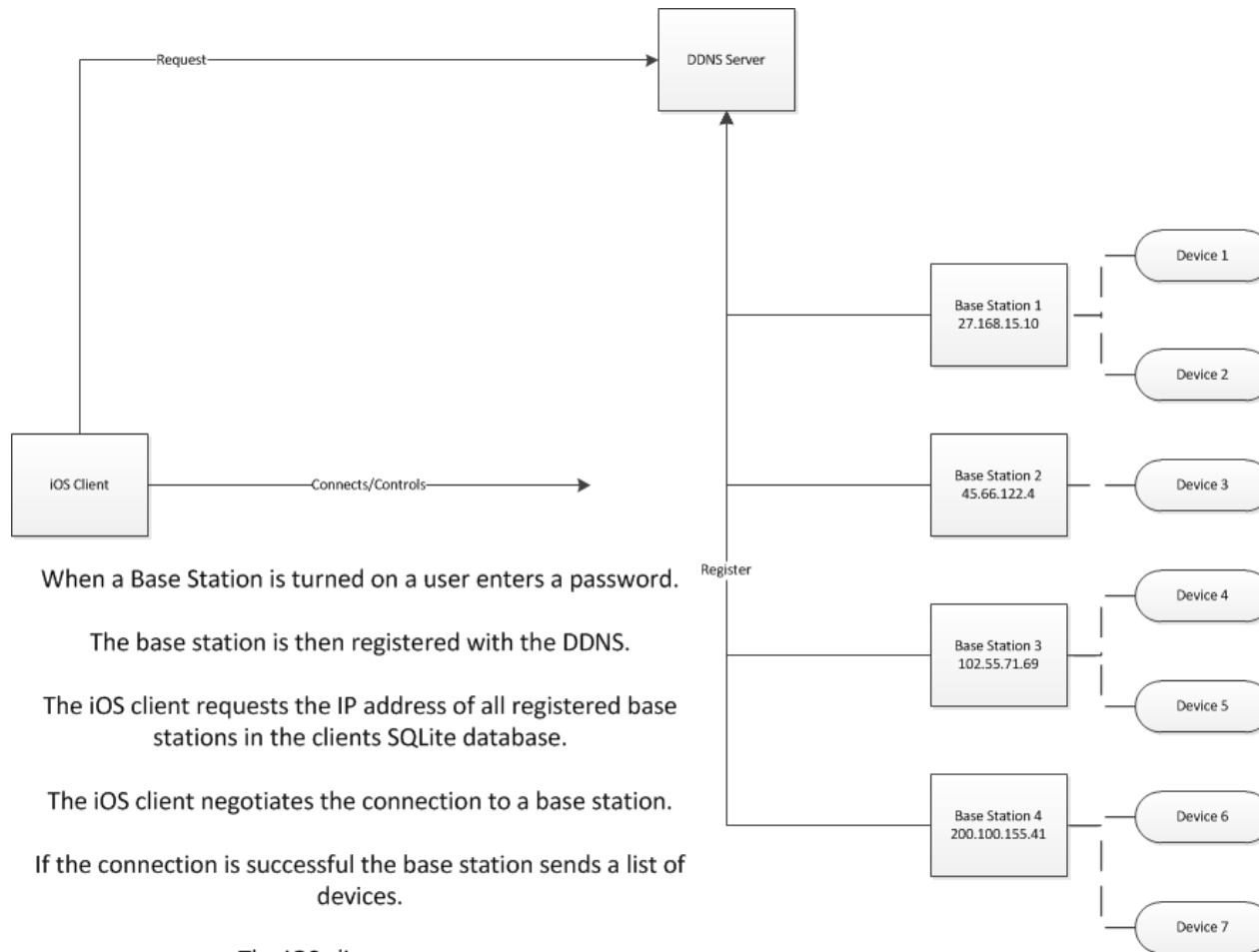


# iOS to DDNS Protocol

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# Remote Home Communication Overview



When a Base Station is turned on a user enters a password.

The base station is then registered with the DDNS.

The iOS client requests the IP address of all registered base stations in the clients SQLite database.

The iOS client negotiates the connection to a base station.

If the connection is successful the base station sends a list of devices.

The iOS client can now control a device connected to the base station

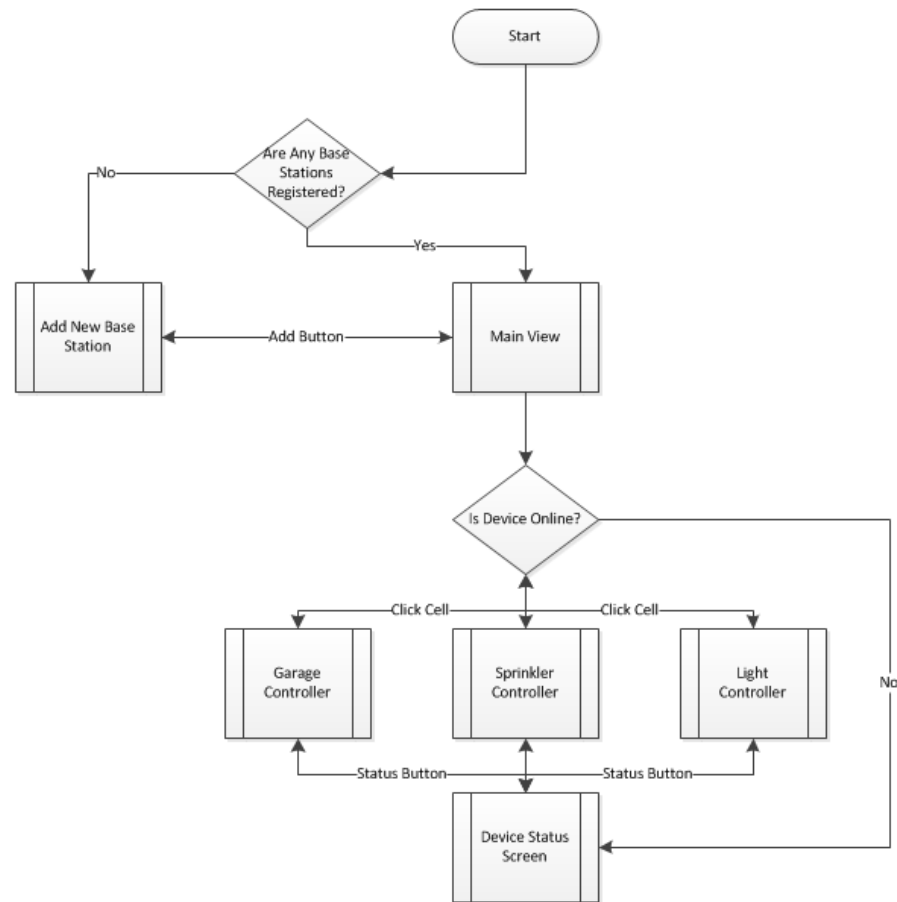
# Remote Home Framework User Stories





# Remote Home Framework Overview

## Remote Home (iOS) Program Flow



# iOS App Prototype



Station Name

Enter a custom name for your device

DID

10 character code on device

Password

Register

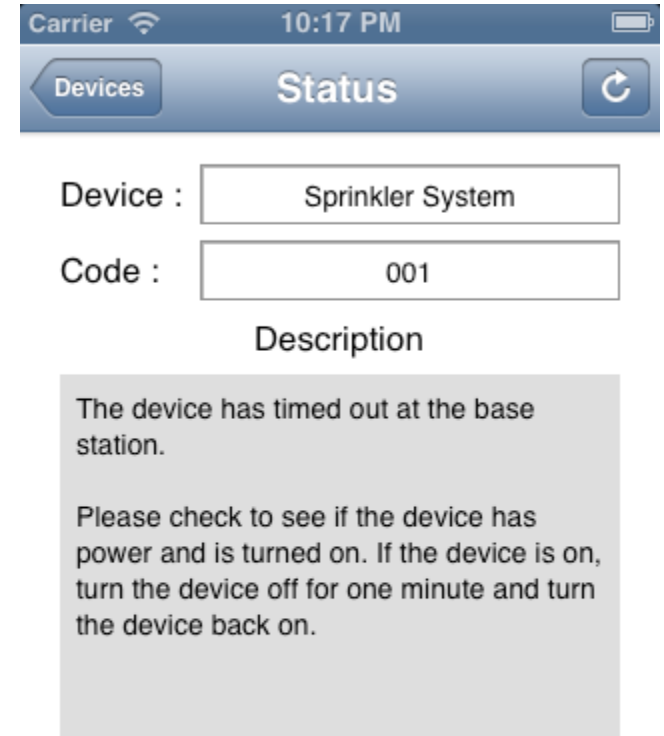
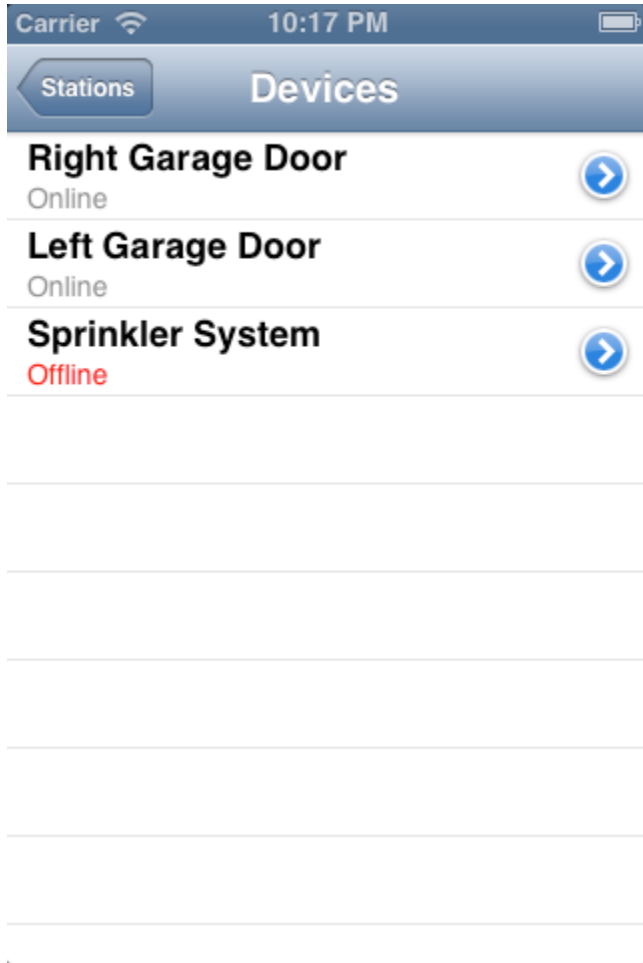


**My Home**

Online



# iOS App Prototype



# Remote Home Framework Backlog

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# Requirements



# Hardware Risks



# Testing



# Testing





# Budget



# Deliverables

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# Questions?