Water Tank Measurer Item Requirements

*Outline Document*

|  |  |  |  |
| --- | --- | --- | --- |
| **DOCUMENT DETAILS** | | | |
| ***Created by:*** | Connor Ryan | ***Created Date:*** | 15-OCT-2020 |
| ***Modified by:*** | Connor Ryan | ***Modified Date:*** | 15-OCT-2020 |
| ***Document ID:*** | N/A | ***Document Type:*** | Reference Document |
| ***Version:*** | A | ***Version Date:*** | 15-OCT-2020 |
| ***Update Details:*** | N/A | | |

Contents

[1. Summary 3](#_Toc35349626)

[Prerequisite 3](#_Toc35349627)

[2. Build 4](#_Toc35349628)

[3. Packaging 8](#_Toc35349629)

[4. Configure App Center distribution group 12](#_Toc35349630)

[6. Release 14](#_Toc35349631)

[Revision History 18](#_Toc35349632)

# Current Summary

Currently, the functioning parts of this project include code that sits on Ardunio and pulls the distance based on a Ultrasonic waterproof sensor. This data is then pushed to a mongoDB cloud database (Could potentially be Azure if necessary) for logging and future analysis.

This data is then pulled back down onto the Ardunio

# Next Steps

## Stage 1

# Item Requirements

## Stage 1

# Revision History

Please be advised that documents versioned by a letter (e.g. A,B,C,D) are considered as Draft versions, only once the document is versioned using a number (1.0,1.1,2.0) is it considered as a live document.

|  |  |  |  |
| --- | --- | --- | --- |
| **DOCUMENT REVISION HISTORY** | | | |
| ***Version*** | ***Updated By*** | ***Updated Date*** | ***Reason for Update – Description*** |
| A | Connor Ryan | 17-MAR-2020 | Document created – initial draft. |
| B | Connor Ryan | 21-APR-2020 | Updated text from peer review. |