

Introduction

Mapping

- The map allows the user to view the location of wells and septic systems, view data and trends, and display lot boundaries.

Data Entry

- Allows the user to navigate, enter, save, edit and remove data.

Printing from tablet

- The mobile application will allow the client to print reports of the documents

Mapping

Main Scenario: Client navigates to the map from within the application

- Scenario 1: Client clicks on a septic tank
- Scenario 2: Client clicks on a well

Exception Scenarios:

- Client clicks on an empty spot on the map
- The map is unable to connect to the database

Data Entry

UI: Buttons and their functionality

Use Cases:

- Entering, editing, deleting

Functional Requirements:

- Connected to database
- Save to database
- User authentication

Printing

UI: Tablet, print button on tablet, print this page button

Assumptions: The client is using a mobile printer

Use cases:

- Allow the client to print a document
- Allow the client to print a specific page of a document
- Allow the client to enter any additional data into the document before printing

Conclusion

Our goal is to create robust subprojects

Map must be easy to use

Data Entry must be intuitive

Printing from tablet must be hassle-free