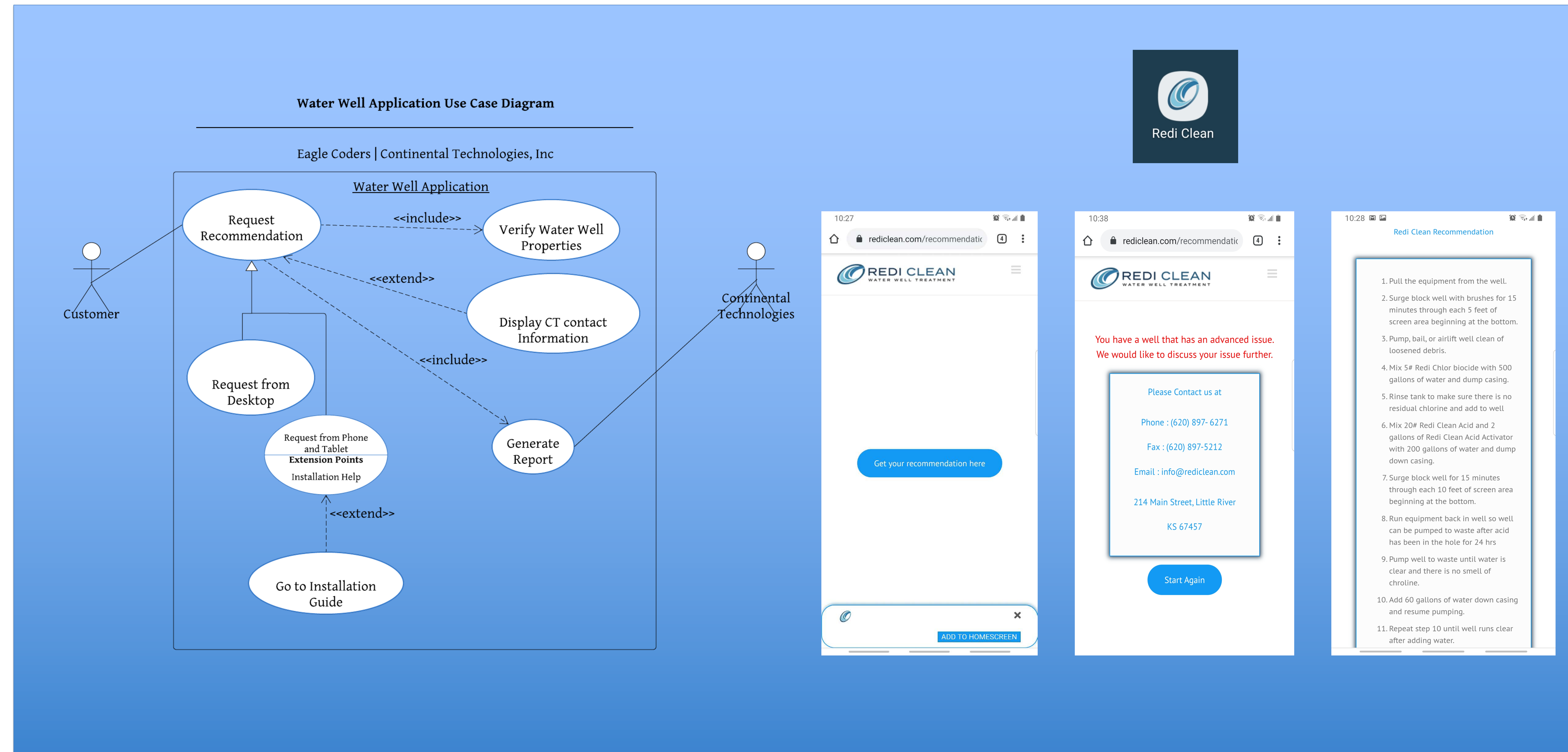


## Project Abstract

Continental Technologies, Inc. has created a trifecta of water well products known as Redi Clean. Redi Clean allows for water well treatment in agricultural, industrial, municipal, and residential sectors by not only regaining the loss of volume but also increasing the life of the wells by reducing or eliminating iron bacteria buildup, corrosion, and mineral scaling. Currently, Continental Technologies, through Redi Clean, provides a recommendation on how to perform water well treatments. The recommendations are given based on the depth, size of casing, and static water level. Contractors usually rely on Continental Technologies to provide recommendations, and in some cases, this is after following wrong procedures for performing the treatment. A web application would streamline the process and remove confusion about the products and the procedures used. It would also help reduce the workload for Redi Clean during after-hours.



## Future improvements / Revisions

- Build a native version of the application.
- Rebuild site on a different platform.
- Rebuild old website using current web standards.

## Challenges

- The current site has poor stability which resulted in repeated crashing and poor performance of the staging site.
- The current structure of the site limited our ability to develop modules which created the need to improvise on multiple occasions.
- Enabling email functionality resulted in crashing of the current emailing system.

## Work still to Complete

- Implement Spanish pages
- Testing

## Tools Learned and Experience Gained

- PHP, WordPress, MySQL
- Soft skills ( Communication), Water Well rehabilitation procedures

## Team Members

- Adriatik Begaj
- Juliet Gacheru
- Brennen Johnson



**Sponsor :** Don Teeters  
Redi Clean | Continental Technologies Inc



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Computer Science and Engineering