

# Community Manager Dashboard



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<https://github.com/NicholeHenry/CommunityManagerDashBoard>

# Description

Community Manager Dashboard is an application that allows a manager of a small residential community, to add residents information in a database. They can also Edit and delete the information. The application will also give the manager the ability to post messages to the community and send text alerts to residents of the community.

# Features

- Create, read, update, delete and edit a list of residents.
- Create, read, update, delete and edit messages to residents
- Authorize only the manager for certain features
- Sent text message alerts

# User Stories

Community manager can easily navigate a list of residents and pull of the information fast and efficiently. Information about residents first and last name, phone number, lot number and email.

Community manager can have comfort that the database cant be access by regular users because of user roles created.

Community manager will be able to alert resident quickly with text alerts for emergencies, preventing he or she from placing sign in front of office, in the hope that ,residents will see the sign

# Database

There are 5 tables in the project.

One table for user Identity which stores users information and Ids.

There is a table that holds the roles. This table and the user table both are combined in the userRoles table to create an authorization for certain user.

There is a resident table that holds resident information.

The last table is the message table to hold any message and their titles to the community.

# Technology Stack

- C#
- SQL
- BootStrap
- Twilio

# What I Learned

- Connecting to Twilio API
- Creating UserRoles
- Incorporating BootStrap
- Understanding user secrets and how to keep your secrets a secret during development

# Whats Next

- Creating better UI by learning frontend enhancements either in Java or expanding with Css and Html
- Adding a comment section, where residents can send messages to the manager that are only visible to manager.
- Learn how to deploy the project.