**Roommate Management App**

Description: Create a Web Application where roommates can participate in a shared calendar that will display day to day individual schedules, see outstanding bills and chores to do around the apartment, as well as receive texts with new announcements

Technologies: ASP.NET Core, C#, HTML, CSS, JavaScript, Google Calendar API, Stripe API, Twilio API

(Out of 65 points)

As a developer, I want to have the ability to create the roles of household administrator and roommate in ASP. NET Core MVC.

As a user, I want to have the ability to register as a roommate or household administrator.

( 7.5 points ) As a developer, I want to use a SQL database to store all of the relevant information for household members and their respective events and display it on the front-end using FullCalendar, a jQuery plugin.

( 5 points ) As a household administrator, I want to be able to manage roommates in my household account. (Add new roommates, remove roommates, approve roommates?)

( 2.5 points ) As a household member, I want the ability to add to my calendar events to the shared calendar of a household (including location if applicable, use Google Maps display the location on the map).

( 5 points ) As a household administrator, I want to be able to make a chore/to-do list.

( 7.5 points ) As a household administrator, I want chores to be assigned through a random, automated process.

( 5 points ) As a roommate, I want to avoid being assigned the same chore two weeks in a row.

( 2.5 points ) As a roommate, I want to have the ability to mark a task completed on the chore/to-do list on the household board.

( 5 points ) As a roommate or household administrator, I want the ability to make announcements to the rest of the members in my household.

( 2.5 points ) As a roommate or household administrator, I want the ability to post a poll.

( 2.5 points ) As a roommate or household administrator, I want my vote in the poll to be anonymous.

( 2.5 points ) As an announcement poster, I want a record of who has seen my announcements.

( 7.5 points ) As a household member, I want the ability to post bills and request payments from other roommates.(Get a text using Twilio of new Bill posted). (Payments implemented using Stripe API)

( 10 points ) As a household member, I want to be able to receive SMS (5pts) and email (5pts) alerts each day (Implemented using Twilio API and/or Mailkit API)