Given Requirements for Initech

Form requirements
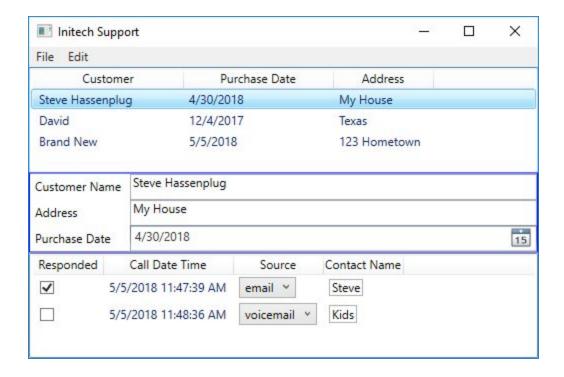
- View/Add/Edit Customers
- View list of calls per customer
- Add/Edit calls not required
    - List is automatically logged
    - Will be required for testing

Data to store

- Customers
    - Customer ID **
    - Company Name (Editable)
    - Address (Editable)
    - Date Purchased
- Support Calls
    - Call ID **
    - Customer ID **
    - Source (voicemail/email)
    - Date/Time
    - Contact Name
    - Responded

** These fields are not required for this app, but would be used with a database to create a unique ID

Screenshot of actual software

Usage notes

This application is a single form that allows users to view customer contact (call) data.

Form Functionality:

- Add Customers
- Edit Customers (when enabled, or when a new customer is added)
  - Enter purchase date with a date picker
  - Customer Edit panel can be disabled
- Add Call for selected customer (voicemail or email)
- Edit call information (*not listed in requirements*)
- Delete Customer or Call (*not listed in requirements*)
- All data will be saved into an XML file when program is closed
- All saved data will be loaded when program is opened

Data Structure

public class MainWindow : Window -- contains ->
public class CustomerDataClass (all data) -- contains ->

```
public class CustomerListCollection: ObservableCollection<CustomerListClass>
public class CustomerListClass (single customer) -- contains ->
public class CallListCollection : ObservableCollection<CallListClass>
public class CallListClass (single call)
```