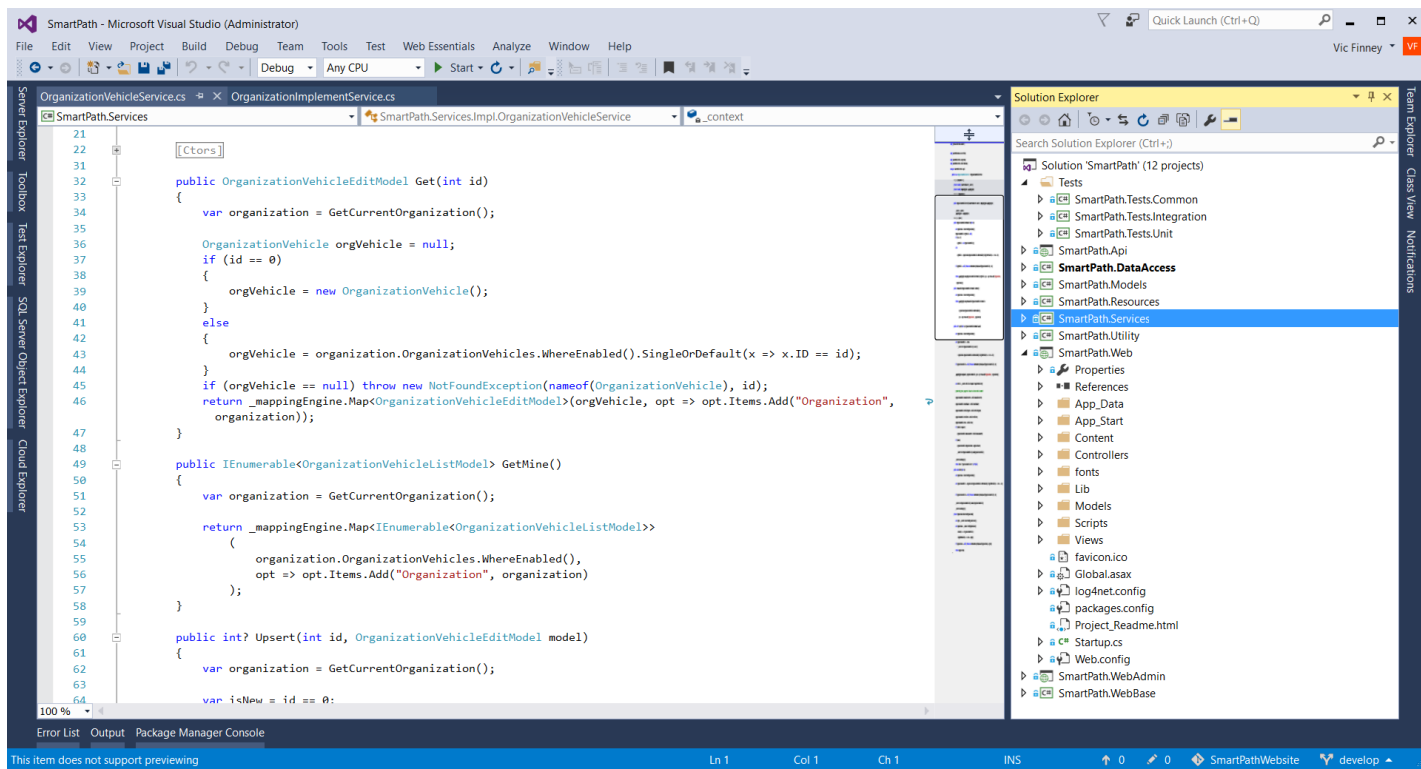# Vic Finney's Development Portfolio

## SmartPath Website

SmartPath is the name of a client company which is creating software to operate self driving lawnmowers. The contract for the company consists of three broad projects. A customer facing web site a Administrative website and a Web API. The customer facing website allows customers to manage their accounts, change paths of the lawnmowers and view the progress of support requests. The Administrative website allows the client to give new customers and organizations access to the customer facing website and to manage the various accounts on the customer facing website. The Web API allows programs and applications to interact with the data stored on the websites database. The users of these programs can then make changes to that data such as responding to support requests. A Web Service was also created in order to handle the large number of database entities which made up the database.

The below code is from the Organization Vehicle Service which deals with Vehicles that are owned and operated by specific customer organizations. In the code below you can see the Get function which retrieves a specific Organization Vehicle from the database as passed by the customer.



## ISP1 Module – Schneider Corp

For one month during my apprenticeship at EFC I was assigned offsite to a company called Schneider Corp.  While at Schneider Corp I worked on a part of their Beacon project.  The Beacon project is a series of websites which displays the property tax information of a given county in the United States.  Each county in the Beacon network has their own website as well as their own database.  The logic powering these websites is contained in Modules and is written in Visual Basic.NET.  While at Schneider Corp I wrote the code for the ISP1 Module which services various counties in Kentucky, specifically Ballard County Kentucky.  Each county in the Beacon network generally has it's own database and because of that each county website requires custom SQL queries for it to run.  While writing the ISP1 module I used the Ballard County database as an example for me to test that the module ran.  Therefore, I had to write the SQL queries that  would access the Ballard County database.  Unfortunately due to the proprietary nature of the software I worked on while at Schneider Corp I do not have any example code to show you.