A close up of a map

Description automatically generatedCrime Mapping

I worked with another developer to create a web application to map crime in the UK. Above is a screenshot with crime information about Southend-on-Sea in various categories. The software itself runs from an Angular.js server, using a Police API to collect data about crimes in an area, as well as Email.js to then send emails to a specified email address about crimes in an area.

The CSS was written entirely by me, as well as sorting out the DOM to create custom elements that displayed each section and item. While my contribution to the email service was limited, as this was mostly using an imported module, I also worked on presenting the data that had been received from the police API, as well as presenting all the data and handling user events.

As well as writing the program, I was also entirely responsible for running test cases. These included functionality testing, validation testing, verification testing and compatibility testing to make sure that this app could be used in every scenario.

# Skills

This project contained a lot of different modules and sections and therefore utilised a lot of skills, which are listed below. The project is not publicly available, so, if you would like more details, please, contact me.

* JavaScript programming
* Responsive design
* HTML and CSS
* Client-server model
* JavaScript React
* Testing
* APIs
* Debugging
* User interfaces