

Project Title:

Postcode Guardian

Description:

'Postcode Guardian' is an innovative web application designed to provide users with comprehensive insights into specific areas. Leveraging two powerful server-side APIs, our platform seamlessly combines postcode information with real-time crime data, offering a unique perspective on neighbourhood safety.

Breakdown of Tasks/Roles:

Working collaboratively with Rachel having a focus on CSS styling, Lauren with JavaScript and Gemma with the media and colour schemes.

Which APIs they think they'll use:

We will utilise two free and public APIs to generate this data.

One belongs to https://postcodes.io/, which provides UK postcode data as well as several additional options such as counties, districts and parliamentary constituencies.

The second is a government owned public API https://data.police.uk/

docs/method/crime-street/, which provides data on street-level crime in the user-specified area.

How local.storage will be utilised:

Local storage will be utilised in a 'history' section of the website, where 8 placeholders will be populated with the user's most recently searched postcodes will be stored in case the user wishes to return to them at a later time. This will also incorporate a 'clear history' button whereby the user can clear the cache and start afresh.

Wireframing:

