POSTCODE GUARDIAN

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.
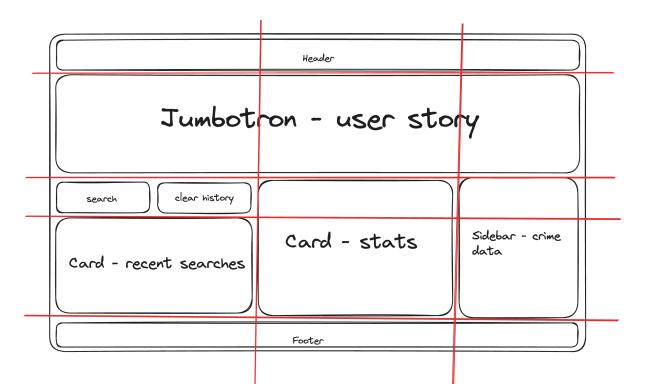The second is a government owned public API https://data.police.uk/docs/method/crime-street/, which provides data on street-level crime in the user-specified area.

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:

| Header |
| Jumbotron - user story |
| search | clear history | | Sidebar - crime data |
| Card - recent searches | Card - stats | |
| Footer |