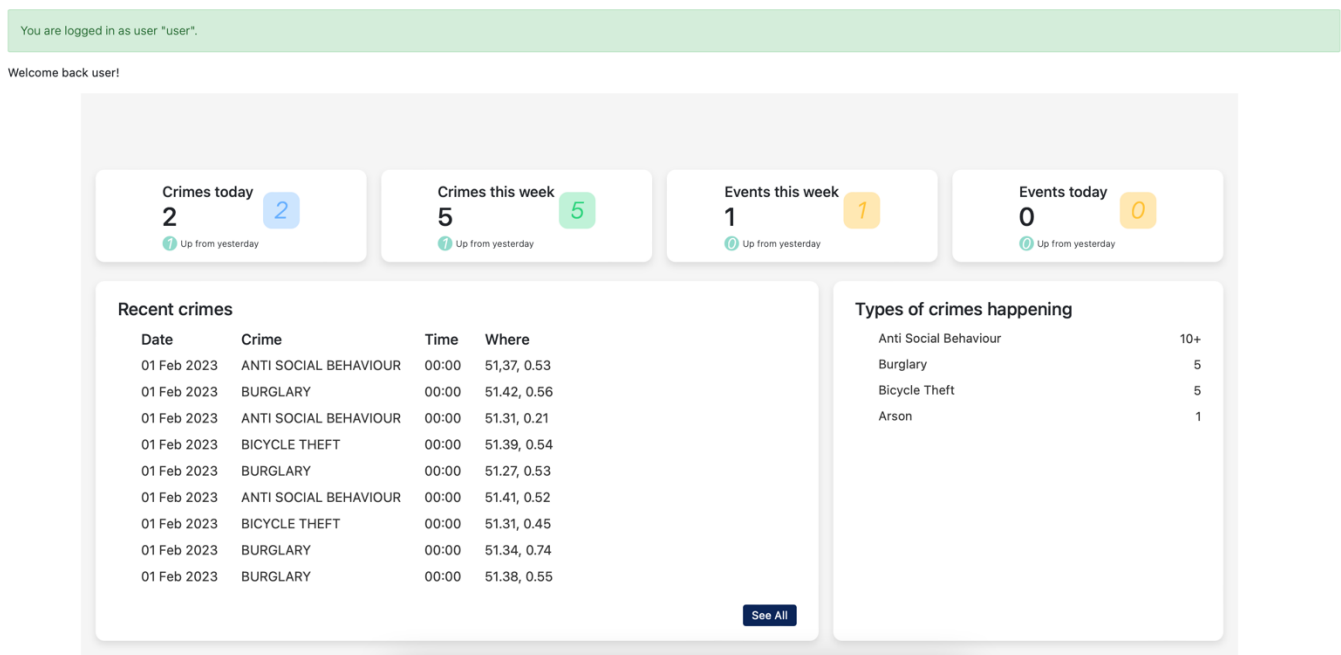




Your Dashboard



My responsibility was to create the home page. However, there two parts to the home page. One side was the side that the user is first greeted with, whether they have an account or not and one that when the user (regardless of their permissions) logs in, they are greeted with their own personal dashboard.

The main home page was created with a goal in mind, to make in welcoming and aesthetically pleasing for the user. I used the *ngIf statement to determine what to show the user that is viewing the page based on the fact of whether they have logged in successfully or not. This therefore meant writing two sets of HTML and CSS portions so that I could create both pages and so that they could be displayed correctly one after the other and revert to each other too (this test passed). Borders were created for a depth to the page and an image relating to the solution is displayed too. Buttons and prompts are available to allow the user to sign in and on successful sign up an alert warning is displayed on the new home page.

The second part of the home page was when a user logs into their account. They will be greeted with a dashboard with widget-like icons on them displaying the most important and valuable information to them at one time. This data has been pulled from the back-end database that has been fetched from APIs to give real time data about criminal activity or general activity happening within an area. The user can then press on the data and navigate to the relative page to read more. The user can also see valuable stats on their dashboard so they can be notified of any activity that has happened recently. Again, they can navigate by pressing on the icon and travelling to the necessary page.

These features on the home page have been designed to make the user experience more efficient. A user can quickly log on and gather all the information they can just by simply looking at the home page. All the real time data has been pulled from the database and displayed to the user instantly for their convenience. If no changes have been made on the application, then they can resume their activities without having to navigate further into the application. This makes using our application a quick and easy process and the full stack feature that displays real data instantly from APIs is reliable and trustworthy. Implementation of this feature was challenging due to the different technologies a lot of developers use when trying to make something like a dashboard. However, the feature has been finished and has proven to be very useful for our system, giving it that professional look from the start.

Code commits: <https://git.cs.bham.ac.uk/team-projects-2022-23/team20-22/-/commit/e0665766565d61909a884f4ccfa9a3a8f5642673>

Image of commits

