

## Proof of concept scope

Justice League team  
Community Watch app

For the proof of scope, we managed to achieve everything we planned in the “Project plan” with the exception of some details.

To be precise, we fully created and populated the database with data from the official database. We also created data models and APIs for the Crime and Neighborhood concept. Our front-end features a basic display of these concepts, to showcase the API working. We also managed to get a basic working version of the map and we currently show hard-coded markers of crimes. One thing that we did not manage to do as of now is incorporate the filters. This is mostly because we spent time researching useful map APIs and experimenting with them until we settled on one that's appropriate for our use case. For example, we first tried the Google Maps API, but not only we encountered technical difficulties incorporating it but realized it might not work well with the amount of data we have. We decided to go with Leaflet, which seems easier to work with and can handle a higher volume of data.