



- trafficTrends: Trends
- trafficIncidents: Report
- mapData: MapData
- searchResults: string

+ initializeMapPage()
+ clickOnLocationMarker()
+ showLocationMarkerDetails()
+ displayMap()
+ displayTrafficData()
+ displayLoadingError()

+ enterSearch(location)
+ clickIntoResult()
+ displaySearchResults()
+ displayNoResultsFound()

+ initializeFilterOptions()
+ showFilterOptions()
+ selectFilters(filters)
+ promptConfirmation()
+ refreshMap()
+ closeFilterOptions()

- apiKey: string

+ loadMap()
+ requestTrafficInfo()
+ fetchLocationMarkerDetails()

+ search(location: string)
+ showDetailedResult()

+ applyFilters(showCams: bool, incidentTypes: string)
+ plotCameras()
+ plotAccidents()
+ plotRoadWorks()
+ plotRoadClosures()