[RR-23] Home Page: map of restaurants in New York not loading

Created: 18/Sep/23 **Updated**: 18/Sep/23

Status:	To Do
Project:	Restaurant Reviews
Affects versions:	1.0

Type:	Bug	Priority:	Medium
Reporter:	Aneesa Saleh	**Severity**	Medium
Resolution:	Unresolved	**Assignee**	Unassigned
Labels:	user-experience		

Description

The map on the restaurant reviews home page is not loading. This map would be useful to give a visual representation of the location of each of the restaurants.

Currently, users must copy the address of a restaurant to a navigation/map service to see its location on a map, negatively impacting the user experience.

The screenshot below shows the map highlighted with an orange box.
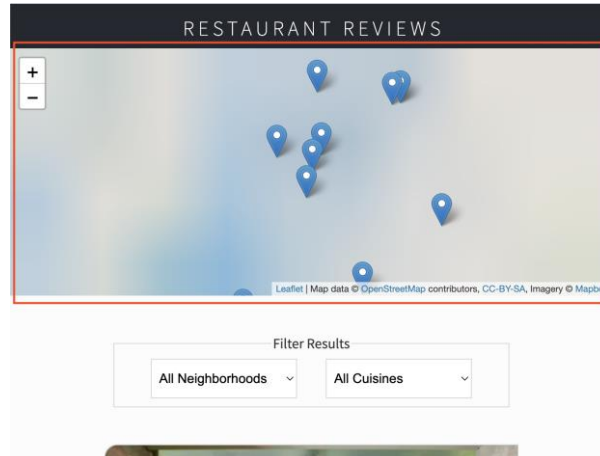
Key Analytics

- **95% decrease** in navigation to restaurant details pages from clicking the map pins

- **7% decrease** in ratio of restaurant details page visits to overall site traffic

- **22% increase** in overall site traffic. This is likely due to the recent UX redesign of the site.

Steps to reproduce

1. Navigate to the home page (online, stable internet connection i.e., not in offline mode)
2. Observe the map of restaurants at the top of the page

Expected result

The map should load, showing the pinned locations of all restaurants in New York.

Actual result

The map does not load, and the pins appear to have arbitrary locations.

Preliminary investigation

In the console of the browser, error logs showed the map tiles failed to load with a status of 410 (Gone), as shown in the screenshot below:
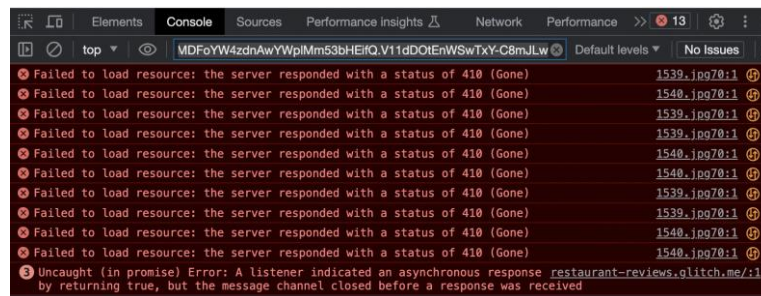
Following the URL for map tiles API (https://api.tiles.mapbox.com/v4/mapbox.streets/14/4824/6158.jpg70?access_token=pk.eyJ1IjoiYW5lZXNhLXNhbGVoIiwiYSI6ImNqa2xmZHVwMDFoYW4zdnAwYWplMm53bHEifQ.V11dDOtEnWSwTxY-C8mJLw), a message is shown stating that classic styles are no longer supported by map box:
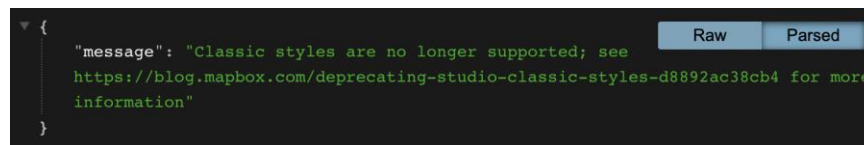
Potential solution

A guide is provided by map box describing how to migrate to the newly supported studio components: https://blog.mapbox.com/deprecating-studio-classic-styles-d8892ac38cb4. Once the migration is complete, the maps should load as expected.

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