**OVERALL EVALUATION REPORT**

**Recommendations/ Improvements:**

1. In case of no results for invalid search inputs - instead of blank space, provision of displaying a text message conveying the following would be an appropriate step for enhancing user experience.  
   "No results found for 'invalid city'. Please try a valid search again"
2. Provision of a scrollbar for quick and easy navigation. The scroll feature is not enough. The database (list of cities) is huge and thus, having a scroll bar would be of immense help for the user to have a quick and brief look at the overall data. This, again, will be a step for enhancing user experience.
3. Search city(ies) is definitely not the optimum way. It could be better categorized first by country and then by states/ cities.
4. Search could be optimized by adding "similar match" instead of only having "exact match".
5. Understand that at this point, searching a city is a very general functionality and probably do not require a security aspect in testing.

However, an additional security parameter can be provisioned in future if requirement demands. That would be solved by providing secure sessions to user/tester by creating login functionality wherein a session remains private and everything searched within the session remains secured.

**Issues:**

1. Search city(ies) is definitely not the optimum way. It could be better categorized first by country and then by states/ cities. ‘Exact match’ e.g. “A Coruna, ES” does not yield any result with introduction of ‘,’
2. A large number of duplicate data for cities is currently seen in the application which should be eradicated.
3. Data processing is very slow and unresponsive. Performing actions quickly on search text field, does not provide immediate and accurate results.

**Risks:**

Due to low responsiveness and low data processing rate, incorrect search results are being displayed quite frequently in the application. This involves a huge risk for the application if it’s been prepared to GO LIVE.

**My test strategy:**

1. I have been very particular on testing “Search” aspect of the application. I wanted to make sure to cover test scope through my test scenarios in detail. At the same time, keeping an eye on what requirements have been provided and not going astray with what other “Search” functionalities in the real world would mean.
2. I wanted to perform different test types - sanity, exploratory and performance tests. QA goes beyond just Sanity. Rigorous testing is required to carefully speculate AUT and its behavior under pressure. This is important for me as it provides a holistic view of the application’s quality and reliability and altogether, helps in coming to a conclusion of a Go/ No Go decision.

For current AUT, it’s a No Go for production (due to issues listed above).