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GROUP 21

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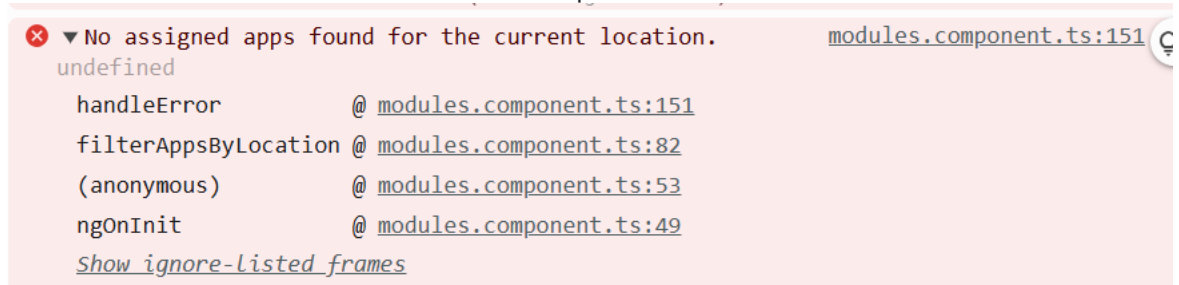# Fix bug: Change location button in the system #77

Bug Issue #77

What we did :

- traced the bug (by inspecting the directed page in google chrome and traced the element by searching in VSCode which was our IDE.
- found in element[View here] required for routing was commented and not linked
- uncomment the logic and added some features
- the areas with changes are clearly commented

Challenges Faced

1. Environment Setup Issues:
   - Instead of using set for Windows in the package.json file, we switched to cross-env to ensure compatibility across different operating systems.
2. Proxy URL Authentication Problems:
   - The prior proxy URL caused issues with logging in, requiring modifications and thorough debugging to resolve.
3. Difficulty Identifying the Bug's Source:
   - It was particularly hard to locate the appropriate file responsible for the issue due to the complexity and structure of the codebase.
4. Remaining Functional Issues:
   - After resolving the main error, Dashboard, General, and Human Resource Skills screens still fail to load, while other screens work as expected.

   - For the Billing screen, users must refresh the page to load the content, which disrupts the user experience.

   5. Unfamiliar With programing Language

Solution [the Fix]

1. Improved Filtering Logic:

   - Fix incomplete filtering logic to handle edge cases where location data or attributes are missing. [view here]

2. Non-Blocking Event Listener:

- Optimize debounce logic to prevent blocking user interactions while the application processes data. [view here]
3. Added error handling logic in [view here] to identify and log any issues in the code.[view here]

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####TESTING THE FEATURE
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Steps to reproduce the behavior:

1. Look for location icon in App navbar
2. Click on 'location icon'
3. Click on 'Exemption'
4. link in the address bar should be `http://localhost:4200/#/billing/exemption` Then click to see the content in the link

Expected behavior

The user expects that when the navigation bar is clicked, a list will be displayed. Furthermore, when an item on the list is clicked, it should open without waiting long time for loading screen.