

# Bug Report / Feature Request: URL Parameter Standardization

**Title:** Standardize URL Parameter Generation in company\_sidebar.js to use company\_id (snake\_case)

Detail	Specification
Component(s) Affected	company_sidebar.js, application_create.js
Severity	High (Potential for Data Load Failure)
Status	Open - Needs Standardization
Reported By	Gemini Assistant
Date	2025-11-07

## 1. Description of the Problem

The application currently suffers from ambiguity regarding the casing of the company ID URL parameter. The expected standard across the backend API (and thus the client-side handlers) is **snake\_case** (company\_id).

However, the URL generated by or observed in the environment (e.g., when linking from the sidebar or using manual input) frequently uses **camelCase** (companyId).

This inconsistency leads to silent failures where pages like application\_create.html fail to recognize the company ID passed in the URL, resulting in the "Select a company from the sidebar..." error message.

## 2. Impact

- Page Failure:** Pages relying strictly on the snake\_case parameter (company\_id) will fail to load the required company data if the link uses camelCase (companyId).
- Code Bloat (Workaround):** Client-side scripts must implement workarounds to check for both parameter formats, which is a maintenance overhead (e.g., see the fix implemented in application\_create.js).
- Inconsistent DX (Developer Experience):** Developers must constantly remember which casing is currently being used by which part of the system.

### 3. Proposed Solution (Standardization)

The source of the dynamic link generation, which is primarily the **company\_sidebar.js** module, must be audited and updated to ensure **ALL** generated links adhere to the **snake\_case** standard.

#### Action for company\_sidebar.js Team:

1. **Review Link Generation:** Specifically audit the `handleCompanyLinkClick` function (or equivalent function responsible for building the URL) within `company_sidebar.js`.
2. **Enforce company\_id:** Ensure that the query parameter used for the company identifier is always **company\_id** (`snake_case`) when constructing the `window.location.href` or the link URL.

#### Reference: Current Workaround

The current version of `application_create.js` includes a defensive measure to mitigate this issue. Once the links are standardized in the sidebar, this defensive code can be simplified in future refactorings:

```
function getCompanyIdFromUrl() {  
  const urlParams = new URLSearchParams(window.location.search);  
  // Check for standard snake_case first  
  let id = urlParams.get('company_id');  
  
  // Fallback: Check for camelCase (the current inconsistency)  
  if (!id) {  
    id = urlParams.get('companyId');  
  }  
  
  return id && id.length > 0 ? id : null;  
}
```

Standardizing the links will eliminate the need for the fallback check (`if (!id) { id = urlParams.get('companyId'); }`).