

Bug Report #10: Missing API Methods for Fetching Full Entities by ID

Inability to Display Detailed Information Due to Missing Entity Fetch Methods

Description:

An API limitation was identified where the system lacked endpoints or service methods to fetch full entity details by ID. This restricted the frontend's ability to display complete information for selected items (e.g., user, product, order) when only the ID was available.

Steps to Reproduce:

1. Navigate to a detail view (e.g., product details, user profile, order summary).
2. Attempt to fetch complete entity data using only the entity ID.
3. Observe the absence of a method to retrieve the full entity.

Expected Behavior:

The backend should provide methods or endpoints to retrieve complete entity information based on a given ID.

Actual Behavior:

The system initially lacked such methods, making it impossible to render detailed views or populate selection forms that required more than just the ID.

Severity: Medium

Affected Component: Various Services (e.g., ProductService, UserService, OrderService)

Root Cause:

Omission of basic "findByld" or "getByld" methods in service layers and API controllers.

Fix Implemented:

Introduced dedicated endpoints to return complete entity objects using their IDs, enabling seamless data fetching and display across the frontend.