# Business Requirements Document (BRD)

## Feature: Expand All & Collapse All Buttons in Media Plan (Vendor Placement Tab)

Module: Media Plan – Vendor Placement

System: Nexelus

## 1. Purpose

Currently, users must manually expand or collapse vendor placement lines one by one in the Media Plan. This can be time-consuming, especially for large plans with multiple placements. The proposed feature will introduce two separate buttons:  
  
✅ Expand All – Expands all placement lines at once.  
✅ Collapse All – Collapses all placement lines at once.  
  
This feature enhances usability and efficiency by allowing users to control the visibility of all placements with a single action.

## 2. Business Need

- Efficiency: Reduces the time required to manually expand/collapse multiple placements.  
- Usability: Provides better control over large media plans.  
- Clarity: Two separate buttons ensure clear actions instead of a single toggle.

## 3. Proposed Solution

- Add two buttons: 'Expand All' and 'Collapse All' in the Vendor Placement tab in the Media Plan.  
- When clicked:  
 - Expand All → Expands all placement lines.  
 - Collapse All → Collapses all placement lines.  
- Both buttons will be placed above the grid, near existing bulk actions.  
- The system will not persist the expand/collapse state across sessions.

## 4. Functional Requirements

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| Requirement ID | Description |
| FR-01 | A button labeled 'Expand All' will be added to the Vendor Placement tab. |
| FR-02 | Clicking 'Expand All' will expand all placement lines in the media plan. |
| FR-03 | A button labeled 'Collapse All' will be added to the Vendor Placement tab. |
| FR-04 | Clicking 'Collapse All' will collapse all placement lines in the media plan. |
| FR-05 | The feature should not persist across sessions. When the user navigates away, placements return to their default state. |
| FR-06 | The feature should not impact existing functionalities like filtering, sorting, or inline editing. |

## 5. UI/UX Considerations

- Placement: The buttons will be positioned above the grid, next to existing bulk actions.  
- Labels: The buttons will be clearly labeled 'Expand All' and 'Collapse All'.  
- Responsiveness: The UI should update immediately when either button is clicked, ensuring a smooth user experience.  
- Accessibility: Keyboard shortcuts or quick actions may be considered in future enhancements.

## 6. Non-Functional Requirements

- The action should work efficiently, even for large datasets.  
- UI response time should be less than 1 second for bulk expand/collapse actions.

## 7. Risks & Constraints

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| Risk | Mitigation |
| Performance issues with large datasets | Optimize rendering to avoid unnecessary UI redraws. |
| Users may expect the state to persist across sessions | Clarify in UI/UX that the state resets on navigation. Future updates may include persistence if needed. |