

Stanley Martin Homes - Technical Assessment

Component: Product List Search

Objective:

Search through the provided data in a JSON format using an input field.

Requirements:

- Show validation on submit if no entry is made or no results can be found
- Upon searching and populating results, the page must not refresh
- Results must populate below the search field
- Use CDN to load libraries such as Bootstrap & jQuery
- Results must be ordered by ProductName in Ascending order
- Null values must be handled and checked if null
- Style form elements

Data:

ProjectGroupID	MetroAreaID	ProjectName	ProductID	ProductName
23	1007	Edgewater	980	The Davis
23	1007	Edgewater	E15	The Amelia
23	1007	Edgewater	Y54	The Lockwood
23	1007	Edgewater	Y58	The Prescott
25	1007	Inwood	1562	The Dupree
41	1008	Estuary at Bowen Village	1601	The Stono
41	1008	Estuary at Bowen Village	U68	The Moultrie
43	1008	Mixson	1674	The Stella
47	1008	Oldfield	1665	The Tidalview
47	1008	Oldfield	NULL	NULL

Final Output

Product List Search

Edgewater

The Davis
980
1007
Edgewater
23

The Amelia
E15
1007
Edgewater
23

The Lockwood
Y54
1007
Edgewater
23