

Problem Statement: Edit and Delete Functionality in MERN Product App

This application extends the existing MERN product management platform to support real-time editing and deletion of product entries directly from a Material UI table. Each row has dedicated 'Edit' and 'Delete' buttons.

Functional Overview:

- Clicking 'Edit' turns row cells into input fields.
- 'Save' sends a PUT request to update the record in MongoDB.
- 'Delete' removes the document from MongoDB without any confirmation.

Note: No need to ask for confirmation for delete.

Screenshots

Table with Edit and Delete options enabled for each row.

MERN Pagination TableReact Applocalhost:3000

Product List

Search Products by Name

Name	Price	Category	In Stock	Actions
UltraSharp Monitor	\$725	Electronics	Yes	<div>EDITDELETE</div>
Gaming Laptop	\$1194.62	Electronics	No	<div>EDITDELETE</div>
Bluetooth Keyboard	\$1063.61	Electronics	Yes	<div>EDITDELETE</div>
Wireless Mouse	\$1491.15	Electronics	No	<div>EDITDELETE</div>
4K Smart TV	\$518.1	Accessories	Yes	<div>EDITDELETE</div>
Portable SSD	\$391.7	Appliances	No	<div>EDITDELETE</div>
USB-C Hub	\$774.24	Wearables	Yes	<div>EDITDELETE</div>
Smartphone Stand	\$162.13	Appliances	No	<div>EDITDELETE</div>
Noise Cancelling Headphones	\$654.95	Appliances	Yes	<div>EDITDELETE</div>
Ergonomic Chair	\$166.08	Appliances	No	<div>EDITDELETE</div>

Rows per page: 101-10 of 46

Row in editable mode with SAVE button replacing the actions.

The screenshot displays a web browser window with the address bar showing 'localhost:3000'. The page title is 'Product List'. Below the title is a search bar with the placeholder text 'Search Products by Name'. The main content is a table with the following structure:

Name	Price	Category	In Stock	Actions
UltraSharp Monitor	725	Electronics	Yes	SAVE
Gaming Laptop	\$1194.62	Electronics	No	EDIT DELETE
Bluetooth Keyboard	\$1063.61	Electronics	Yes	EDIT DELETE
Wireless Mouse	\$1491.15	Electronics	No	EDIT DELETE
4K Smart TV	\$518.1	Accessories	Yes	EDIT DELETE
Portable SSD	\$391.7	Appliances	No	EDIT DELETE
USB-C Hub	\$774.24	Wearables	Yes	EDIT DELETE
				EDIT