

## Initial Form

**Get Products** button gets the products from API (and sends search filters if they are not empty and valid) and displays them in the **DataGridView**.

**Keyword** searches through both the Product Name and Description.

**Categories** checkbox list filters the products based on the categories they have (if both are selected, only the products containing both categories will be shown).

**Page**, **Per Page** and **Total Count**(not total pages, products count) labels update dynamically. Current page cannot be set to 0 or to a value greater than Total Pages. Default PerPage value is set to 8, but the API is configured so that this value can be changed.

**Delete Selected Product** and **Update Selected Product** buttons work only if exactly one row in DataGridView is Selected.

**Add New Product** and **Update Selected Product** buttons open a new form for adding/editing a product, based on which button is clicked.

The image shows a Windows-style window titled "AddProductForm". Inside the window, there is a form with the following elements:

- Name:** A single-line text input field.
- Description:** A multi-line text area.
- Price:** A single-line text input field.
- Stock Quantity:** A single-line text input field.
- Categories:** A container with two checkboxes labeled "Category 1" and "Category 2".
- Save:** A large rectangular button at the bottom of the form.

## Insert Form

Validation is done on the server-side, so if the data is invalid, a **MessageBox** with validation errors will be shown when the **Save** button is clicked. If the operation is successful, a **MessageBox** with an OK button will be shown, if OK is clicked, this form is closed and the **Initial Form** is reset and **DataGridView** is updated to show the results.

The image shows a Windows application window titled "AddProductForm". The window has a standard title bar with minimize, maximize, and close buttons. The main content area is light gray and contains the following elements:

- Name:** A text box containing "Product 1".
- Description:** A text box containing "Description Test".
- Price:** A text box containing "19".
- Stock Quantity:** A text box containing "4".
- Categories:** A list box with two items: "Category 1" (checked) and "Category2" (unchecked).
- Save:** A gray button at the bottom.

## Update Form

**Update Form** is the same form as the **Insert Form**, but with Product Value Bindings.