IMPLEMENTATION

Remix IDE

ABI:

```
[
        {
                "anonymous": false,
                "inputs": [
                        {
                                "indexed": false,
                                "internalType": "uint256",
                                "name": "productId",
                                "type": "uint256"
                        },
                        {
                                "indexed": false,
                                "internalType": "string",
                                "name": "name",
                                "type": "string"
                        },
                        {
                                "indexed": false,
                                "internalType": "string",
                                "name": "description",
                                "type": "string"
                        },
                        {
                                "indexed": false,
                                "internalType": "uint256",
                                "name": "quantity",
                                "type": "uint256"
                        },
                        {
                                "indexed": false,
                                "internalType": "address",
                                "name": "owner",
                                "type": "address"
                        }
                ],
                "name": "ProductAdded",
                "type": "event"
        },
        {
                "anonymous": false,
```

```json
        "inputs": [
                {
                        "indexed": false,
                        "internalType": "uint256",
                        "name": "productId",
                        "type": "uint256"
                },
                {
                        "indexed": false,
                        "internalType": "string",
                        "name": "name",
                        "type": "string"
                },
                {
                        "indexed": false,
                        "internalType": "string",
                        "name": "description",
                        "type": "string"
                },
                {
                        "indexed": false,
                        "internalType": "uint256",
                        "name": "quantity",
                        "type": "uint256"
                }
        ],
        "name": "ProductUpdated",
        "type": "event"
},
{
        "inputs": [
                {
                        "internalType": "uint256",
                        "name": "ProductId",
                        "type": "uint256"
                },
                {
                        "internalType": "string",
                        "name": "_name",
                        "type": "string"
                },
                {
                        "internalType": "string",
                        "name": "_description",
                        "type": "string"
                },
                {
                        "internalType": "uint256",
                        "name": "_quantity",
                        "type": "uint256"
                }
```

```json
                }
        ],
        "name": "addProduct",
        "outputs": [],
        "stateMutability": "nonpayable",
        "type": "function"
},
{
        "inputs": [
                {
                        "internalType": "uint256",
                        "name": "_productId",
                        "type": "uint256"
                }
        ],
        "name": "getProductDetails",
        "outputs": [
                {
                        "internalType": "string",
                        "name": "name",
                        "type": "string"
                },
                {
                        "internalType": "string",
                        "name": "description",
                        "type": "string"
                },
                {
                        "internalType": "uint256",
                        "name": "quantity",
                        "type": "uint256"
                },
                {
                        "internalType": "address",
                        "name": "owner",
                        "type": "address"
                }
        ],
        "stateMutability": "view",
        "type": "function"
},
{
        "inputs": [],
        "name": "productCount",
        "outputs": [
                {
                        "internalType": "uint256",
                        "name": "",
                        "type": "uint256"
                }
```

```json
        ],
        "stateMutability": "view",
        "type": "function"
},
{
        "inputs": [
                {
                        "internalType": "uint256",
                        "name": "",
                        "type": "uint256"
                }
        ],
        "name": "products",
        "outputs": [
                {
                        "internalType": "string",
                        "name": "name",
                        "type": "string"
                },
                {
                        "internalType": "string",
                        "name": "description",
                        "type": "string"
                },
                {
                        "internalType": "uint256",
                        "name": "quantity",
                        "type": "uint256"
                },
                {
                        "internalType": "address",
                        "name": "owner",
                        "type": "address"
                }
        ],
        "stateMutability": "view",
        "type": "function"
},
{
        "inputs": [
                {
                        "internalType": "uint256",
                        "name": "_productId",
                        "type": "uint256"
                },
                {
                        "internalType": "string",
                        "name": "_name",
                        "type": "string"
                },
```

```json
            {
                    "internalType": "string",
                    "name": "_description",
                    "type": "string"
            },
            {
                    "internalType": "uint256",
                    "name": "_quantity",
                    "type": "uint256"
            }
        ],
        "name": "updateProduct",
        "outputs": [],
        "stateMutability": "nonpayable",
        "type": "function"
    }
]
```

Bytecode:

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