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using System;
using System.Collections.Generic;
using System.Data;
using System.Drawing.Printing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace ProductPerformance
{
    public class ProductCatalogueDB
    {
        public static List<string> GetProductTypes()
        {
            string filePath = @"D:\productcatalogue.txt";

            List<string> tempTypes = new List<string>();

            DataTable dt = new DataTable();

            dt = ImportData.GetTextFileData(filePath);
            {
                foreach (DataRow row in dt.Rows)
                {
                    ProductCatalogue lineData = new ProductCatalogue()
                    {
                        ProductType = row.Field<string>(0),
                        Product = row.Field<string>(1)
                    };

                    if (!Lists.StringFound(tempTypes, lineData.ProductType))
                    {
                        tempTypes.Add(lineData.ProductType);
                    }
                }
            }
            return tempTypes;
        }

        public static List<string> ProductsByType(string productType)
        {
            string filePath = @"D:\productcatalogue.txt";

            List<string> tempTypes = new List<string>();

            DataTable dt = new DataTable();

            dt = ImportData.GetTextFileData(filePath);
            {
                foreach (DataRow row in dt.Rows)
                {
                    ProductCatalogue lineData = new ProductCatalogue()
                    {
                        ProductType = row.Field<string>(0),
                        Product = row.Field<string>(1)
                    };

                    if (lineData.ProductType == productType)
                    {
                        if (!Lists.StringFound(tempTypes, lineData.Product))
                        {
                            tempTypes.Add(lineData.Product);
                        }
                    }
                }
            }

            return tempTypes;
        }
    }
}

```

}