

# We need to implement a simple **e-commerce** website admin control panel

This shop has **products**, each product is under **category** - dynamic level of categorization [i.e. one product may under two level of categorization and another one maybe under 4 level of categorization] Each category has its own **properties**. So each product under such a category, it must have the same category properties. [I.e. product category will specify which properties this product should have. For example, the properties for electronic products different from properties for cosmetics products, also properties for products under category Electronic -> mobiles ... should different from electronic -> LCD Screens].

**\*\*We need to implement the following main functions:**

- 1- Add / Edit Categories
- 2- Add / edit Properties
- 3- Assign Properties for Categories
- 4- Add / Edit Products
- 5- Fill Properties values for each product
- 6- A form for searching products in many criteria (ex: Code, Name, and Category).

**\*\*Using the following technologies is necessary to implement this task:**

- MS SQL Server
- ASP.NET MVC / ASP.NET MVC Core (preferred)
- Entity Framework

The task must be delivered by **Wednesday 1 November 2023 at 12:00AM**