

MVC Assignment

General Notes:

1. Create a new MVC project for this project.
2. Use Bootstrap to make your views pretty. But keep it professional and avoid garish colours.
3. Use Dependency Injection.

Requirement:

Consider “ShaktiMan Super Mart” which needs a software to manage their Products list. They sell all fruits and vegetable products. The average per unit cost of any of their products is about 50 INR.

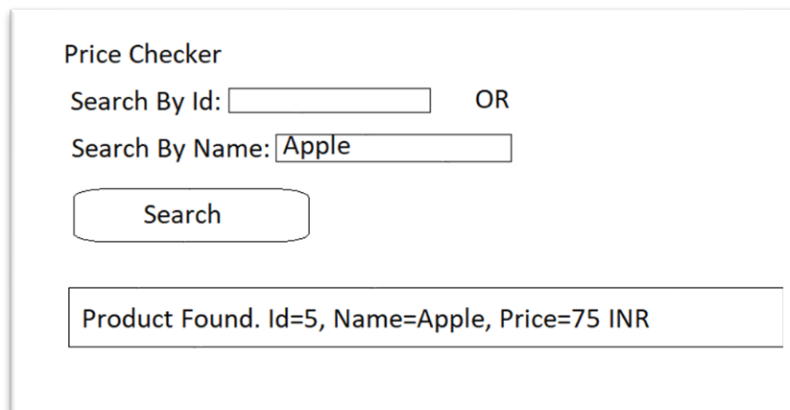
Create a MVC project to satisfy the following requirements.

Task1

1. Create a Product Table with fields (Id int, string Name, double Price)
2. Create a simple CRUD screen to allow users to
 - a. View All products and
 - b. Add New Products
3. Add validations for
 - a. Id is Primary Key
 - b. Name is mandatory and should be at least 3 characters long
 - c. Price should be > 0 and maximum 5000 INR
4. Add data for about 10 products using the Add screen.

Task 2

5. Create a screen as below



Price Checker

Search By Id: OR

Search By Name:

Product Found. Id=5, Name=Apple, Price=75 INR

6. User can type in Id or Name.
 - a. If Id is entered, search by Id
 - b. If name is entered, search by Name
7. If found, display product found, along with details
8. If not found display, Product Not Found.
9. Add Validation that at least one of the two textboxes is required.
 - a. Do you think this can be done using Client-Side Validation?
 - b. If yes, how?
 - c. If not, why? And how can this be done user server-side validation?