Part1: update

System.InvalidOperationException: The instance of entity type 'Category' cannot be tracked

```
[HttpPut("{id}")]

0 references
public IActionResult Update([FromRoute]int id,[FromBody]Category category)
{
    var categoryInDb = _context.Categories.AsNoTracking().FirstOrDefault(C => C.Id == id)
    if (categoryInDb == null) return NotFound();

    category.Id = categoryInDb.Id;
    _context.Categories.Update(category);
    _context.SaveChanges();

    return NoContent();
}
```

Part2:service layer

Controller =>

يستلم request ويرسل

logic ھي تعمل <= Service

```
→ 😭 Edit(int id, Category category)
      v using System.Linq.Expressions;
        using TShop.API.Models;
 2
        namespace TShop.API.Services
 4
 5
             1 reference
             public interface ICategoryService
 6
                  0 references
                 IEnumerable<Category> GetAll();
 8
                 Category Get(Expression <Func<Category, bool >> expression);
 9
                  0 references
                  Category Add(Category category);
10
                  0 references
                  bool Edit(int id, Category category);
11
                  bool Remove(int id);
12
13
14
15
16
```

```
| Image: action of the controller of the control
```

The instance of entity type 'Category' cannot be tracked bec