**Common**

This homework based on results from **Controllers, Applications, Requests**module.

**Task 1. Layouts and Sections**

Create 2 layouts.

**First layout.**Using by default. Including:

* Section “Headers”
* Page body
* Section “Footers”

If any section not defined on the page, layout should insert instead some default content.

For page with category list define “Footers” section so that a message appear on the page that user can’t edit categories.

**Second layout.** Based on first layout, but:

* Doesn’t include sections
* Contain couple of additional visual elements (e.g. some picture)

Second layout used for home page.

**Materials:**

* [Layout in ASP.NET Core](https://docs.microsoft.com/en-us/aspnet/core/mvc/views/layout)

**Task 2. ViewComponents / PartialViews**

Create View Component for visualize simple [breadcrumbs](https://en.wikipedia.org/wiki/Breadcrumb_%28navigation%29). View Component should show navigation in 2 variants:

* Home > Entity > New / Edit (e.g. **Home > Products > Create New**) – if user open edit/create form.
* Home > Entity (e.g. **Home > Products**) – if user open list/table of entities

Apply this component to any pages except Home page.

**Materials:**

* [Partial Views in ASP.NET Core](https://docs.microsoft.com/en-us/aspnet/core/mvc/views/partial)
* [View components in ASP.NET Core](https://docs.microsoft.com/en-us/aspnet/core/mvc/views/view-components)

**Task 3. Html Helpers / Html Tags (Tag Helpers)**

Create Html Helper and Tag Helper, which produce link to image in format **images/{image\_id}**.

Usage of those helpers can be look like:

* Html Helper

                    @Html.NorthwindImageLink(imageId, “Link text”);

* Tag Helper

         <a northwind-id="imageId">Link text</a>

**Materials:**

* [Tag Helpers in ASP.NET Core](https://docs.microsoft.com/en-us/aspnet/core/mvc/views/tag-helpers)