**Terms explanations:**

**- Section** :  
https://www.tektutorialshub.com/asp-net-core/asp-net-core-layouts-and-sections/  
  A section is something you define in your Razor views that you can flag as being optional(“false”) or required(“true”), and which you then provide the implementation in your separate views when creating.  
  
The RenderSection(string name, bool required:false) method defines the named section.  
**example**:   
**<div>**  
**@RenderSection("footer", required: false)  
</div>**Defined a section “Footer” and required as false using the RenderSection method.  
  
**- Partial View** :  
https://www.tutorialsteacher.com/mvc/partial-view-in-asp.net-mvc  
  
A partial view is a reusable portion of a web page. It is .cshtml or .vbhtml file that contains HTML code. It can be used in one or more [Views](https://www.tutorialsteacher.com/mvc/mvc-view) or [Layout Views](https://www.tutorialsteacher.com/mvc/layout-view-in-asp.net-mvc). You can use the same partial view at multiple places and eliminates the redundant code.  
 **@html.Partial()** - The @Html.Partial() method renders the specified partial view. It accepts partial view name as a string parameter and returns MvcHtmlString.  
**@html.RenderPartial()** - The @html.RenderPartial() method is the same as the @html.Partial() method except that it writes the resulted HTML of a specified partial view into an HTTP response stream directly.  
**@html.RenderAction()** - The @html.RenderAction() method executes the specified action method and renders the result. The specified action method must be marked with the [ChildActionOnly] attribute and return the PartialViewResult using the PartialView() method.

**- Display and Editor template :**https://exceptionnotfound.net/asp-net-mvc-demystified-display-and-editor-templates/Display and editor templates are used to standardize the layout shown to the user when editing or displaying certain types or classes. For example, we might want to specify that an Address object must always be displayed with the street name on its own line, then the city/state/postal code on the next line.

- **Display**:   
A display template is simply **a partial view that is model-bound to the object it wants to display,** and exists in the Views/Shared/DisplayTemplates folder (though you can also put it in Views/ControllerName/DisplayTemplates).

**- MVC Areas:**

<https://openclassrooms.com/fr/courses/1730206-apprenez-asp-net-mvc/2098951-mieux-organiser-son-projet-avec-les-areas>  
  
<https://www.tutorialsteacher.com/mvc/area-in-asp.net-mvc>  
  
Il est possible de découper son application en zones, que l’on appelle en anglais « Areas ». Cela permet notamment de regrouper des éléments par domaine fonctionnel.

- **Responsive design :**https://developers.google.com/search/mobile-sites/mobile-seo/responsive-design?hl=fr

- **Exception handling:**<https://www.tutorialspoint.com/csharp/csharp_exception_handling.htm>  
  
- **Dependency injection:**

<https://www.tutorialsteacher.com/ioc/dependency-injection>

Dependency Injection (DI) is a design pattern used to implement IoC. It allows the creation of dependent objects outside of a class and provides those objects to a class through different ways. Using DI, we move the creation and binding of the dependent objects outside of the class that depends on them.