

## Instructor example



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Explain the purpose and usage of layout views in asp.net core?

- Layout views help to maintain consistent UI across all pages of the web application.
- Layout views contain common HTML structures such as scripts and stylesheets are also frequently used by many pages within an app. All of these shared elements may be defined in a layout file, which can then be referenced by any view used within the app. Layouts reduce duplicate code in views.
- Generally, layout views are presented with in the "Views/Shared" folder.
- Their name is recommended to be prefixed with "\_" (underscore).
- Layout views contains `@RenderBody()` to represent the position to render the content of a view.
- You can reference a layout view from a view by using view's "Layout" property.
- Common layout view path can be applied by using `_ViewStart.cshtml` file either in the "Views" folder or in the "Views\ControllerName" folder. The inner-most takes precedence, because it can override the outer setting.
- Nested layout views are possible.