The source of problem:

Webform old folder names are clashing with MVC controller names.

IIS will default folder structure and default documents (index.aspx) before it relegates to MVC routing.  
  
Alternative Solutions: “Make it work”

1. Change IIS Module order so that MVC Routing takes precedence over **DirectyListingModule** and **DefaultDocumentModule**.
   1. <https://forums.asp.net/t/1251156.aspx?How+to+create+a+flipcart+like+panel+for+showing+products+in+gridview>
   2. Outcome: Unsure if this works, I need assistance from Dean and Karen.

1. Use routes.RouteExistingFiles = true; then generate a complex Ignore route list to allow webform content to be served still while ignoring folder structures (since all files will require a route unless on the **ignore** list).

**Note**: extremely difficult to capture all loose-ends since MVC Actions must all be manually defined if an ignore route exists for that main subfolder. *(i.e. /company/{\*ignore all}. Will conflict with /company/{contactus \*action})*

1. Redirect from index.aspx old pages to MVC controller action “{controller}/Index” then use some kind of “trick” Javascript or Code to rewrite the URL path to erase the ‘/Index’ part. *Negative: the old website URL page still exists as the target even with the ‘/Index’ removed.* (just for cosmetic purpose)
   1. Possible example: <https://stackoverflow.com/questions/2375256/url-rewriting-in-net-mvc>
   2. <https://msdn.microsoft.com/en-us/library/sa5wkk6d.aspx>

Alternative Solutions: “Accepting some level of defeat”

1. Place the old pages in a subfolder. “i.e. /{subfolder}/company/” and work from there
2. Rename MVC controllers to something else that is non-conflicting
   1. From what I read it was highly recommended that controller names should never match folder names.
   2. **Sources saying Controller Name matching Folder Name is bad:**
      1. <https://stackoverflow.com/questions/2873685/asp-net-mvc-route-clashing-with-physical-path-in-iis7>
      2. <https://stackoverflow.com/questions/30359396/asp-net-mvc-routing-when-a-controllers-and-folders-names-are-the-same>
      3. <https://stackoverflow.com/questions/6643275/asp-net-controller-name-conflicted-with-a-folder-name>
3. Create alias route names, leave controller names the same (conflicted) but add custom routes to go to the “Index” page:
   1. “/Company/Index” -> “/OurCompany” controller=”company” ,action=”Index”
   2. “/Download/Index” -> “/Downloads” controller=”download” , action=”Index”
   3. Etc. etc. etc.
4. Change Index Action Method to something more pleasing sounding like “Landing”
   1. “/Company/Landing” instead of “/Company/Index”
5. Place all new MVC redesign files into a new Area and give the Area start default route name something like:
   1. “www2/{controller}/{action}/{id}”
   2. “home/{controller}/{action}/{id}”
   3. (Area will create a subfolder within root of solution folder)