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Model – Technology.cs

The **model** for our Technology page is a list of technologies. We have a **constructor** taking a file path as a **parameter** in the form of a **string**. Each technology has the following string **properties**: *FilePath*, *FileName*, *Name*, *Info* and *Date*.

> *Models*
>   > ***Technology.cs***

View – Technology.cshtml

Our **view** uses the list of technologies from the **controller** and creates containers displaying the year, title and information **for each** technology.

> *Views*
>   > *Tech*
>   > ***Technology.cshtml***

Controller – TechController.cs

The *Technology()* **method** within our **controller** returns a list of technologies to display the according to the files that fall under the *technologies* folder and sorts them by their name. All text **(.txt)** files for this section are named with the year first and the object second. Words to be separated with a space **char** must start with a capital letter.

> *Controllers*
>   > ***TechController***

> *wwwroot*
>   > *files*
>   > ***technologies***

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Stylesheet – timeline.css

This **stylesheet** determines the look of our page from colours to margins to fonts. We went with "cornflowerblue" **dividers** and a vertical timeline. When the page is shown on a full computer or tablet window, we can see a bullet timeline going from top to bottom where information boxes alternate sides for each different event. For a smaller screen size, the boxes are simply stacked.

> *> wwwroot*
> *> css*
> *> **timeline.css***

Reference(s)

Arfan, Shaifullah, Team Leader. *How to Create a Vertical Timeline Using HTML & CSS.* WEB CIFAR, 2020, 28:58, YouTube, [URL](URL).

 Note:

 I (Elie Thibodeau) used this video and its content as an introduction to HTML. The code in our *timeline.css* file is nearly identical to the original version. Colours and margins may vary. It has been a guide for me to understand the simple syntax and usage of this programming language.