## Development tools and Technologies

We make use of the following technologies in the development of the indie-game development website:

* Technologies used :

1. HTML : The markup language that is made use of to display the webpage content.
2. CSS : Cascading Style Sheets helps in stylizing the HTML content.
3. Javascript : Facilitates client-side scripting that can achieve data validation, UI effects etc.
4. jQuery : jQuery is the cross-browser JavaScript library used in designing the website that simplifies the client-side scripting of HTML.
5. ASP.NET - Active Server Pages : The server-side script-engine for dynamically-generated web pages. All the webpages for the website would be for dynamically-generated ASP pages.
6. C# : The code-behind for the webpages (ASP.NET framework)

* Database :

1. Microsoft SQL Server : MSSQL server is the relational database used to store and serve the data content for the indie game development website.

* Creating sprites/mock-ups :

1. GIMP -GNU Image Manipulation Program : Open Source tool to create/edit/modify images used for the development of the website. Primarily used for image retouching.
2. Adobe Photoshop : Advanced graphics editing program used for manipulation of logos/banners/images used in the webpage design.

* Versioning Repository :

1. GitHub : GitHub is the web-based hosting service that hosts the software development project . It makes use of the Git revision control system. Team members can work on code in their respective modules and commit changes to the master branch. All changes would be tracked by the repository.

* Coding tools :

1. Microsoft Visual Studio 2010 : Microsoft Visual Studio is the integrated development environment (IDE) from Microsoft that is used to develop the web site. Visual Studio also includes a web-site editor and designer that allows web pages to be authored by dragging and dropping widgets. It is used for developing ASP.NET applications and supports HTML, CSS and JavaScript. It uses a code-behind model to link with ASP.NET code.
2. Notepad++ : Notepad++ is an open-source text editor/source code editor for Windows. One advantage of Notepad++ over the built-in Windows text editor, Notepad, is tabbed editing, which allows working with multiple open files.

The website is designed with cross-browser compatibility in mind. The website is designed to work in

* Internet Explorer
* Mozilla Firefox (and other Gecko engine based browsers)
* Google Chrome (and other Webkit-based browsers)
* Opera, Safari, etc.