

# Genesys Snippets

A set of Genesys Snippets for Visual Studio Code.

Genesys is a prototyping toolkit for use with VSCode. It enables designers and UI developers to quickly create low to high-fidelity prototypes, or even production-ready UI. Genesys provides support for most major design systems (Bootstrap, Material Design, Foundation, Ionic, Tailwind, Tachyons, et. al.) and you can add any others. Additional features include multi-lingual support, automated walk-throughs, on-screen comments, A/B testing, conditional logic, animation, and more—all through markup.

## Page Templates

Create new pages based on common design systems. Create a new HTML document and type `!!` to see the available page templates.

Trigger	Description	Documentation
!html	Plain HTML5 page	<a href="https://www.w3schools.com/html/default.asp">https://www.w3schools.com/html/default.asp</a>
!!atlassian	Atlassian page	<a href="https://www.atlassian.design/components/">https://www.atlassian.design/components/</a>
!!bs3	Bootstrap 3 page	<a href="https://getbootstrap.com/docs/3.4/components/">https://getbootstrap.com/docs/3.4/components/</a>
!!bs4	Bootstrap 4 page	<a href="https://getbootstrap.com/docs/4.5/getting-started/introduction/">https://getbootstrap.com/docs/4.5/getting-started/introduction/</a>
!!bs5	Bootstrap 5 page	<a href="https://v5.getbootstrap.com/docs/5.0/getting-started/introduction/">https://v5.getbootstrap.com/docs/5.0/getting-started/introduction/</a>
!!bulma	Bulma page	<a href="https://bulma.io/documentation/">https://bulma.io/documentation/</a>
!!fabric	Microsoft Fabric page	<a href="https://developer.microsoft.com/en-us/fluentui#/controls/web">https://developer.microsoft.com/en-us/fluentui#/controls/web</a>
!!foundation	Foundation page	<a href="https://get.foundation/sites/docs/">https://get.foundation/sites/docs/</a>
!!ionic	Ionic page	<a href="https://ionicframework.com/docs/components">https://ionicframework.com/docs/components</a>
!!pure	Pure.css page	<a href="https://purecss.io/">https://purecss.io/</a>
!!mdb	Material Design Bootstrap page	<a href="https://mdbootstrap.com/">https://mdbootstrap.com/</a>
!!mds	M-Design System page	<a href="https://m-docs.org/">https://m-docs.org/</a>
!!material	Material Design page	<a href="https://material.io/components">https://material.io/components</a>
!!material-lite	Material Design Lite page	<a href="https://getmdl.io/components/index.html">https://getmdl.io/components/index.html</a>
!!materialize	Materialize page	<a href="https://materializecss.com/">https://materializecss.com/</a>
!!paper	PaperCSS page	<a href="https://www.getpapercss.com/">https://www.getpapercss.com/</a>
!!reveal	Reveal.js presentation	<a href="https://revealjs.com/">https://revealjs.com/</a>
!!semantic	Semantic UI page	<a href="https://semantic-ui.com/">https://semantic-ui.com/</a>
!!tailwind	Tailwind CSS page	<a href="https://tailwindcss.com/">https://tailwindcss.com/</a>
!!uikit	UIKit page	<a href="https://getuikit.com/docs/introduction">https://getuikit.com/docs/introduction</a>
!!vue	Vue.js page	<a href="https://vuejs.org/v2/guide/">https://vuejs.org/v2/guide/</a>
!!webslides	WebSlides presentation	<a href="https://github.com/webslides/webslides/">https://github.com/webslides/webslides/</a>

## Libraries

Trigger	Description
gns-add-genesys-lite	Add the basic Genesys prototyping tools to the page
gns-add-genesys-full	Add all of the Genesys prototyping tools to the page
gns-add-analytics	Add the analytics library to the page

Trigger	Description
gns-add-animation	Add the Animate & AniJS libraries
gns-add-atlas	Add the Atlassian Design System
gns-add-basscss	Add the Basscss CSS Low-Level Toolkit
gns-add-bulma	Add the Bulma CSS Framework
gns-add-diagram-library	Add the Flowchart & Diagramming Library (Mermaid)
gns-add-font-awesome	Add the Font Awesome icon library
gns-add-fractures	Add the Fractures Atomic CSS Toolkit
gns-add-mdbootstrap	Add the Material Design Bootstrap library
gns-add-mdesignsystem	Add the M-Design System Web Component library
gns-add-modulz	Add the Modulz CSS library
gns-add-paper	Add the Paper CSS library
gns-add-pure	Add the Pure.css library
gns-add-page-testing	Add automated page testing using Gremlins
gns-add-persistence	Add the Persistence library (Mavo)
gns-add-roles	Add the User Roles (PolyPage) library
gns-add-tachyons	Add the Tachyons CSS Toolkit
gns-add-tailwin	Add the Tailwind CSS framework
gns-add-turret	Add the Turret CSS Framework
gns-add-uilang	Add the UILang library
gns-add-walkthru	Add Intro.js library

Site Maps

Trigger	Description
gns-sitemap-add-page	Connect a new page block to your sitemap page

Flowcharting & Diagramming

Trigger	Description
gns-insert-diagram	Insert a flowchart or diagram

Design Stubs & Placeholders

Trigger	Description
gns-stub-block	Generic Block placeholder
gns-stub-image	Image placeholder

Common UI Elements

Trigger	Description
gns-button	Button
gns-header	Heading Level (1-6)
gns-link	Hyperlink
gns-icon	Icon (Font Awesome)

Virtual Pages

Trigger	Description
gns-virtual-page	Add a new Virtual Page

Annotations & Comments

Trigger	Description
gns-add-note-library	Add the Annotation library
gns-add-note	Annotation

Blur, Redact, Hide Data

Trigger	Description
gns-blur	Blur fake/realistic data and user input
gns-redact	Redact fake/realistic data and user input
gns-invisible-ink	Hide fake/realistic data and user input

A/B Testing

Trigger	Description
gns-add-ab-testing	Add the A/B testing library to the page
gns-add-ab-testing-config	Add the A/B/ testing library configuration settings
gns-insert-ab-test-scenarios	Insert A/B test scenario sections

Measuring Perceived Usability

Trigger	Description
gns-feedback-seq	Add the Single Ease Question (SEQ) to your page
gns-feedback-sus	Add the System Usability Scale (SUS) to your page
gns-feedback-tlx	Add the Task Load Index (TLX) to your page

## Genesys Page Settings

Add any of the following CSS class names to your prototype page's BODY element. Note that the Genesys Toolbar provides real-time interactive access to these functions as you view your prototypes.

BODY Class	What It Does
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BODY Class	What It Does
gns-grid	Display the page with visible outlines of all page layout grids
gns-inspect	Display the Genesys Page Inspector
gns-lofi	Display the page in Low-Fidelity mode
gns-notes	Display the page with all (any) page notes/annotations visible
gns-redact	Display the page with all fake/realistic data redacted
gns-test	Display the page with automated interactive tests running
gns-walkthru	Display the page with the automated Walthru feature activated (if present)
gns-footer-hide	Hide the Genesys Page Footer

## Genesys Object Settings

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Add any of the following CSS class names to any page element.

BODY Class	What It Does
gns-text-left	Left align text
gns-text-center	Center text
gns-text-right	Right align text
gns-float-left	Push the element to the left as far as possible
gns-float-right	Push the element to the right as far as possible

## Building the Extension

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For first time builders, make sure you have [Node.js](#) installed, then run:

```
npm install -g vsce
```

To build the extension:

1. If you have made changes, update the `package.json` file version number appropriately, using [Semantic Versioning](#) rules.
2. Run `vsce package`