

Any unspecified Frontend Policy indicates that the corresponding Backend Policy should be followed.

Frontend	Backend
<div>Global Policies</div> <ul style="list-style-type: none">Avoid polluting the global name space unless attaching your application specific name space.Avoid altering any native objects. <div>Naming Conventions</div> <ul style="list-style-type: none">JavaScript<ul style="list-style-type: none">Methods<ul style="list-style-type: none">camelCaseVerbsPreposition clause/contextual phrase (Fluent interfaces only)Properties<ul style="list-style-type: none">camelCaseNounsCSS custom rules-sets (https://www.w3.org/TR/css-2020/#css)<ul style="list-style-type: none">.kebab-caseHTML Elements<ul style="list-style-type: none">Follow https://html.spec.whatwg.org/multipage/#toc-semanticsHTML Global attributes<ul style="list-style-type: none">Follow https://html.spec.whatwg.org/multipage/dom.html#global-attributesHTML custom attributes<ul style="list-style-type: none">Use prefix of “data-” <div>Coding Style</div> <ul style="list-style-type: none">Braces<ul style="list-style-type: none">Opening braces on end of same line.End braces should vertically align with start of previous line.Use async/await or Promises instead of callbacks when possible.Prototypical inheritance<ul style="list-style-type: none">Avoid using __proto__ or Object.setPrototypeOf() for setting prototype chain.Avoid omissions for optional HTML ending tags.Avoid universal CSS selectors and *= attribute selectors	<div>Global Policies</div> <ul style="list-style-type: none">Adhere to SOLID PrinciplesIdentifier names must be relevant within context.Identifier names must be descriptive for all classes, methods, variables, and class members.No single character identifier names<ul style="list-style-type: none">Exceptions:<ul style="list-style-type: none">Loop iteration variablesAnonymous function parametersDestructuring valuesDiscard variablesConstant variables must be globally scoped to name space.Constant variables must be read-only access.No hardcoding (magic) values<ul style="list-style-type: none">Exceptions:<ul style="list-style-type: none">Parameter defaultsDynamic string constructionDefaults objectConstant variables <div>Naming Conventions</div> <ul style="list-style-type: none">Constants<ul style="list-style-type: none">ALL_CAPSNounsClasses<ul style="list-style-type: none">PascalCaseNounsMethods<ul style="list-style-type: none">PascalCaseAsynchronous methods: Suffix of “Async”VerbsFluent APIs only: Preposition/prose/phrase (e.g., data.FromSource(a).Take(10).ToDestination(b);)Variables<ul style="list-style-type: none">camelCaseNounsBoolean variable names should indicate binary outcome is stored (e.g., isSuccessful, hasCompleted, etc.)Class member fields<ul style="list-style-type: none">Private fields: _camelCaseNounsProperties<ul style="list-style-type: none">PascalCaseNounsCollections<ul style="list-style-type: none">Use Plural form of identifier name (e.g., addresses, files, cars)Custom collection object: Suffix of “Collection”NounsInheritance<ul style="list-style-type: none">Base classes: suffix of “Base”Interfaces: prefix of “I”NounsAdjective (Interfaces only) <div>Coding Style</div> <ul style="list-style-type: none">Avoid needing to scroll horizontally when viewing code under default IDE settings.Braces<ul style="list-style-type: none">Opening braces on new line.Open and end braces should align vertically.Single code blocks should still be wrapped in open and close bracesIndentation<ul style="list-style-type: none">Width of four spacesIndent on new lineMultiple return statements within methods<ul style="list-style-type: none">Acceptable for early method exits.Acceptable for early termination of loops.When using single comments<ul style="list-style-type: none">Developer comment should have a single space and the first letter should be capitalized (e.g., // Developer comment)Commenting out code should not have any gap after comments (e.g., //int age = 10;)Avoid public class member fields.Limit use of tertiary operators with lengthy clauses

Casing Types

- PascalCase
- camelCase
- kebab-case
- snake_case
- strName, intAge (Hungarian Notation)
- __Dunder__
- _camelCase
- ALL_CAPS