An Aggregate property in pega refers to a property that can hold a collection of elements. These elements can be simple values (value list, Value Group.) this allows you to manage and access groups of related data efficiently.

Types of Aggregate Properties

* Value List- An ordered collection of simple values. Think of it as a numbered list.
* Page List- An ordered collection of whole pages within a single flow.
* Value Group- An unordered collection of values identified by unique names (like a dictionary)
* Page Group- An unordered collection of whole pages within a single flow, identified by unique names.

Accessing Elements in Aggregate Properties: Pega provides different ways to access specific elements within an aggregate property:

Numeric Indexes (for Value Lists and Page Lists):

* Elements are accessed using a number starting from 1 (not 0, unlike Java). o Example: .Months(3) refers to the third element in the Months Value List.

Identifier Subscripts (for Value Groups and Page Groups):

* Elements are accessed using unique string identifiers that follow Java identifier rules (start with a letter). o Example: .Customer("CA") refers to the element with the key "CA" in the Customer Value Group.

. Symbolic Indexes (for Value Lists and Page Lists)

* These are special special keywords used for specific operations
* <APPEND> : Add an element to the end of the list
* <LAST> : Access or set the value of the end of the list
* <INSERT> : Insert a new element at a specific position
* <PREPEND> : Add an element to the beginning of the list
* <CURRENT>(within loops): Refers to the current element being processed in a loop iteration.