Alternative Class

Creates and validates Alternative objects. This class essentially serves as an aggregator of all BCNs falling under a single alternative.

# Libraries/Classes calling on Alternative Class

Validate/Read

AlternativeSummary Class

# Internal Library/Class dependencies

None

# External Library Dependencies

None

# Functions

init()

validateAlternativeObject()

# Pseudo Code

Optional inputs are in italics

Begin Pseudocode

init()

Standard class constructor method. Create object based off of list of inputs developed from json string.

Variables:

alternativeID – int (required)

alternativeName – string (optional)

alternativeBCNList – List of bcnIDs associated with the alternativeID (required)

baselineBool – boolean

End init

Define validateAlternativeObject(objectList)

Should not require any validation beyond verifying list of bcnIDs exists and all bcnIDs reference existing BCN objects

Only one alternative can have baselineBool = True

End validateAlternativeObject