Search Engine Sequence diagram

Member

:Search Engine

:Search Results
(Imaginary Layer)

:Catalog
(Imaginary Output
Layer)

1 :Searching Input: Author, Book Name etc.

Alt

[Search Input Added]

1.1: SearchBy"Input"

1.1.1: Finding Search Results

1.1.2: Displaying All Results in all Categ.

[Search Input Not Added]

1.2: DisplayErrorMasage

*** According to UML Sequence Diagram, there should be objects that show layers in Alternative Box. In Search Engine Function, we only have one input and categorized outputs, but we had to show these massages with layers in diagram, these imaginary objects created for these layers with massages, there aren't any objects or functions called "Search Results" or "Catalog"!