

NVOS-87: Autocomplete Search

User Story NVOS-87: Autocomplete Search

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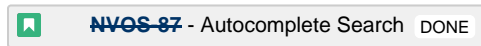
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Description

As a user, I would like an autocomplete feature in the homepage so that I am given suggestions on terms to look for related to environmental research articles.

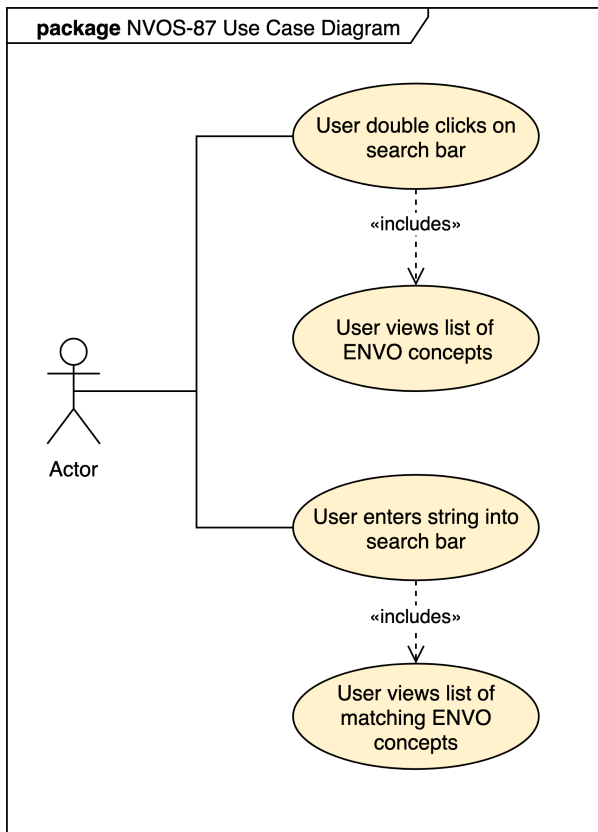
Acceptance Criteria

- The user should be able to see a list of terms related to the environment ontology when the user clicks on the search bar.
- The user should be able to see the terms autocomplete as they start typing any concept.

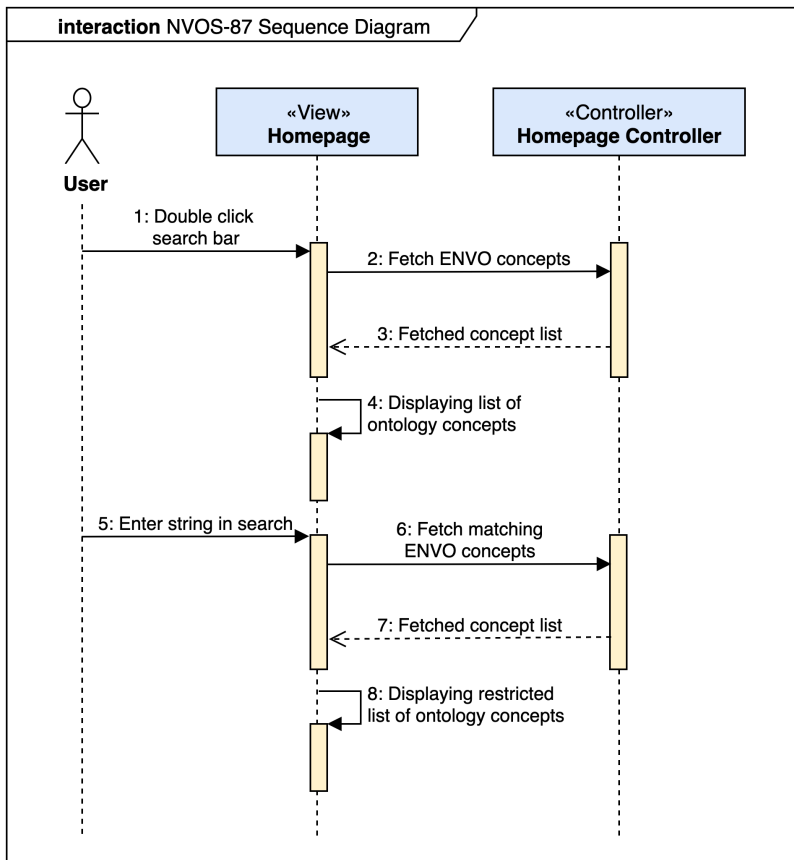
Use Case

- Name: NVOS-87
- Actor: User
- Preconditions: Application must be on accessible from a web browser.
- Description <Flow of events>:
 - User should be able to see the search bar from the homepage.
 - User should be able to click and see a list of terms related to the environment ontology when the user clicks on the search bar.
 - User should be able to see the terms autocomplete as they start typing any concept.

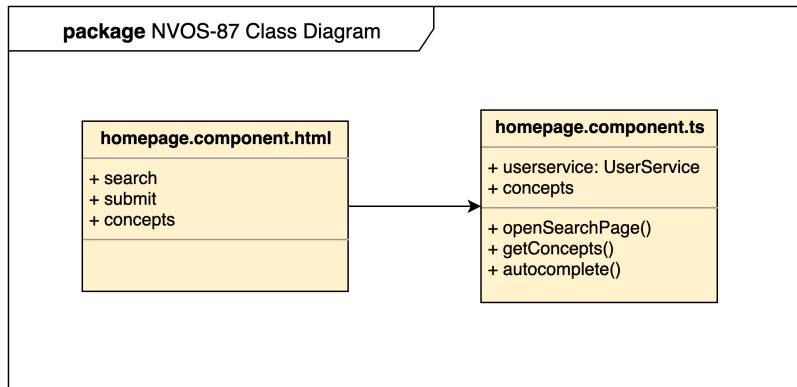
Use Case Diagram



Sequence Diagram



Class Diagram



Unit Test

- Test case ID: NVOS-87-T01
- Description/Summary of Test:
 - User double clicks on the search bar and sees a list of concepts from the ENVO ontology.
 - User has entered a string into the search bar.
 - User has seen a list of concepts in the ENVO ontology that contain the entered string.
- Pre-condition: User in on the Homepage.
- Expected Results: User should be able to easily and intuitively search for concepts in the ontology.
- Actual Result: The expected results are equal to the actual result.
- Status (Fail/Pass): Pass.

Integration Test

- Test case ID: NVOS-87-T02
- Description/Summary of Test: All the possible related concepts are shown from the homepage and can be accessed using a scrollbar.
- Pre-condition: The user is on the Homepage.
- Expected Results: The corresponding concepts are shown when the user enters a string.
- Actual Result: The autocomplete search bar follows the expected behavior.
- Status (Fail/Pass): Pass.

Visual User Guide

The Best Search Engine for
Environmental Peer Reviewed Articles

Search Peer Reviewed Articles

water

environmental contaminant

watercourse

freshwater lake

environment

object aggregate