**US 05.01.01 - Search for Available Experiments**

As an experimenter, I want to specify a keyword, and search for all experiments that are available.

**Story Points:**

5

**Risk:**

HIGH

**Rationale / Functionality:**

1. User searches for a keyword (or/and toggles some sort of filter) to search for available experiments
2. Experiments are returned based the matched criteria for the user to view

**Initial Associated GitHub Tasks:**

* Implement a basic search feature for experimenters

**BROKE INTO ADDITIONAL STORIES:**

**US 05.03.01**

**US 05.02.01 - Search Results Formatting**

As an experimenter, I want search results to show each experiment with its description, owner username, and status.

**Story Points:**

3

**Risk:**

LOW

**Rationale / Functionality:**

1. Based on user search results, show experiments matching the criteria
2. Show experiments in some kind of list format with description, owner username, and status

**Initial Associated GitHub Tasks:**

* Set up a view to show each experiment’s description, owner name, status after a user’s search criteria

**US 05.03.01 - Custom Search / Filter List**

As an experimenter, I want to be able to specify and filter by a number of options including geo-location required, owned, subscribed, popular, etc.

**Story Points:**

8

**Risk:**

LOW

**Rationale / Functionality:**

1. User selects the search functionality
2. User can narrow and filter all experiments by a number of criteria that they can fine-tune or turn on and off; criteria may include various experiment stats, personal stats, experiment types or states, etc.

**Initial Associated GitHub Tasks:**

* Implement a more advanced search feature for experiments