7.3.2

Let us get gather some knowledge on what API Discovery & Search is:

Search is people looking for content, and discovery is content looking for people.

Explanation on what is Search:

* When someone does a search, its explicit, and the user has an expectation of relevancy.
* Search is usually described by a set of keywords and then perhaps refined by further facets. (such as categories, content types, popularity, etc.)
* Searching for something involves matching a keyword to the most relevant results.
* Speed is a factor here, which affects the UX.

Explanation on what is Discovery:

* Discovery on the other hand feels more seamless.
* As you browse around, the site or app you are using tries to determine what else you might like by deploying personalization or content recommendations.
* It is about presenting the right content to the right user.
* This involves processing past data and guessing what content a specific user will like.
* Discovery is a cognitive search and content analytics engine that you can add to applications to identify patterns, trends and actionable insights to drive better decision-making.

Search implementation:

For rough Developer Portal design, we have implemented the search feature for the available APIs:

Note: The design is likely to be updated.

Graphical user interface, text, application, email

Description automatically generated

Discovery implementation:

API Discovery feature is not implemented yet. Discussion is needed on how the architectural setup will be.

Sample Discovery implementation from Rapid API is shown below:

Graphical user interface, website

Description automatically generated

Important Link:

[Service Discovery feature from 3Scale to import services from an OpenShift cluster.](https://access.redhat.com/documentation/en-us/red_hat_3scale_api_management/2.11/html/admin_portal_guide/service_discovery_from_openshift_to_3scale)