

As a user, I want to see the top categories within a parent category on the search results page, so I can easily find popular and relevant products based on recent activity.

## **Summary**

When a user searches via category, the search results should display the top subcategories within that parent category on the search results page.

The ranking of these subcategories should be based on following metrics:

1. The number of recent views of products within the subcategory
2. Number of products added to the basket from within the subcategory
3. Products demanded most often based on the query (MonotaRO)

## **Acceptance Criteria**

### **Ranking Criteria**

1. Given that the system calculates the ranking of subcategories,
2. When determining the order of subcategories,
3. Then the ranking should be based on a combination of the number of
  1. Recent views of products within each subcategory
  2. Number of products added to the basket from within each subcategory.

### **Display Top Categories**

1. Given that a user has performed a search via category,
2. When the search results are displayed,
3. Then the top subcategories within that parent category should be shown as we do today
4. Ability to AB test with current setup of categories

## **Analytics**

- Sub-category interactions
- Sub-categories that lead to add to basket
- Group these interactions for the category and create a boost score