

## **Description and comments (already have)**

## **Exporting and importing (already have)**

## **Open Enhancement**

- a confirmation page, otherwise it is too easy to add, avoiding misclick

## **Manage Folder structure Enhancement**

- Currently sort by alphabet
- Sort by usage frequency
- Sort by newest

## **Shortcuts**

- User can assign shortcut keys to frequently used snippets

## **Preview**

- Snippet preview: already have in snippet explorer, also need to implement it in any open editor

## **Search Enhancements**

### **Search Results order**

- Order the search result by usage frequency or newest version. Since we are doing version control, there should be multiple snippet with the same name
- Order by time of creation

### **Advanced Search Capabilities**

- Search by synonyms
- Fuzzy search algorithm techniques like:
  - Approximate string matching
  - Character-skip matching
- Content search functionality:
  - Include partial matching
- Metadata search system:
  - Create searchable indexes for all metadata fields
  - Implement tag-based filtering
  - Enable language-specific searching
- Usage tracking system:
  - Store usage counts per snippet
  - Track last-used timestamps

- Monitor usage patterns
  - Calculate popularity scores
- Date-based sorting:
  - Track creation and modification dates
  - Support custom date ranges
  - Enable reverse chronological ordering
  - Implement date-based filtering

## **Version Control Features**

### **Snippet Versioning**

- Version history system:
  - Maintain version metadata
  - Support branching for variations
  - Enable selective restoration
- Version comparison:
  - Show side-by-side diffs
  - Highlight specific changes
  - Support merging between versions

## **Collaboration Features**

- Sharing capabilities:
  - Team libraries
  - Public/private snippet options
  - Sharing links generation