

# Bookmark Management System

## Objective of the software system

To provide users with a better way to organise and access their (large number) of browser bookmarks

## Major functionalities of the system

1. Search for bookmarks
2. Categorise bookmarks
  - folders (as already exists)
  - tags
  - recently bookmarked, recently used
3. Preview bookmarked pages (thumbnail)
4. OPEN bookmarks in browser (choice of browser)
5. Add/edit info/delete bookmarks from browser/this desktop program
6. Sync across browsers

## Major challenges of the system's user interface

1. Organisation of a large amount of data (UI architecture)

## Preliminary drawings of the user interface

The user interface consists of three main components: the menu/search bar, the organized view of the bookmarks and the grid view of the bookmarks. Users can look at their bookmarks organized by folders or by tags.

### **General Controls**

- Browser icons above the grid view allow users to open a selected bookmark in that browser.
- Double-clicking a thumbnail in grid view will open the bookmark in the default browser.
- Right-clicking a thumbnail opens a context menu. Users can open (in different browsers), edit or delete a bookmark.
- Hovering over a thumbnail displays an overlay containing the url and tags associated with the bookmark.

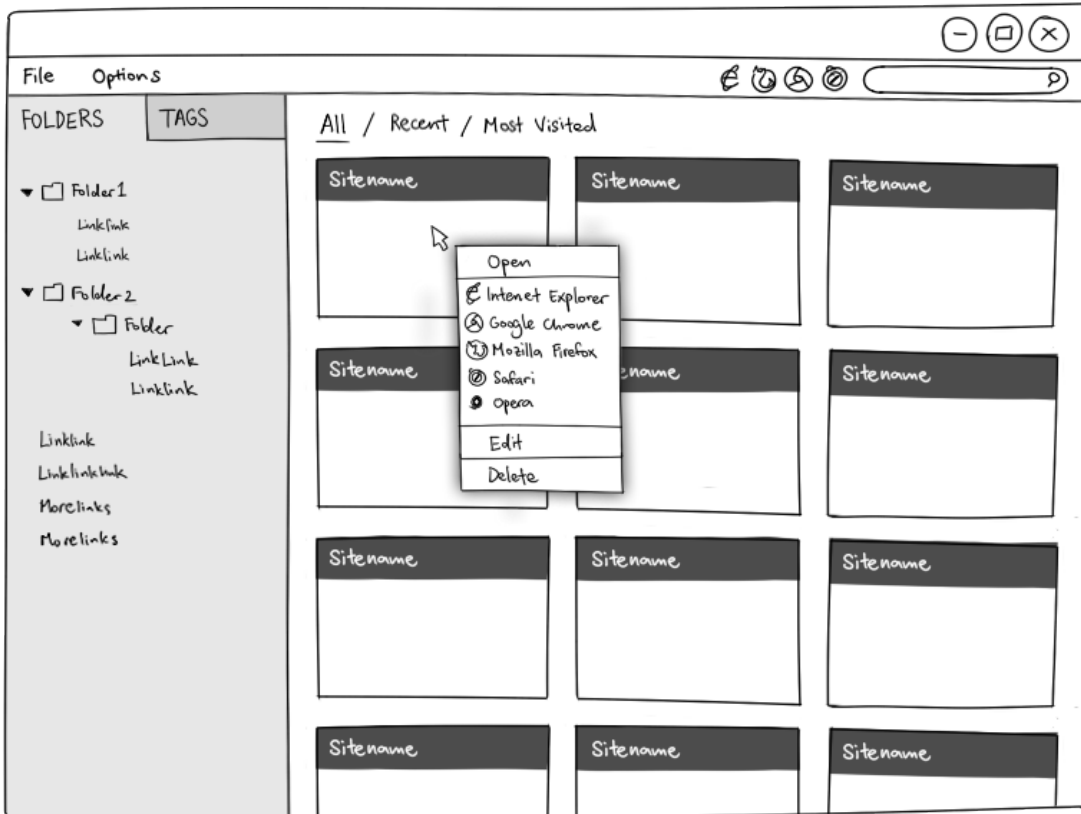


Figure 1. Context menu for bookmark appears upon right-click

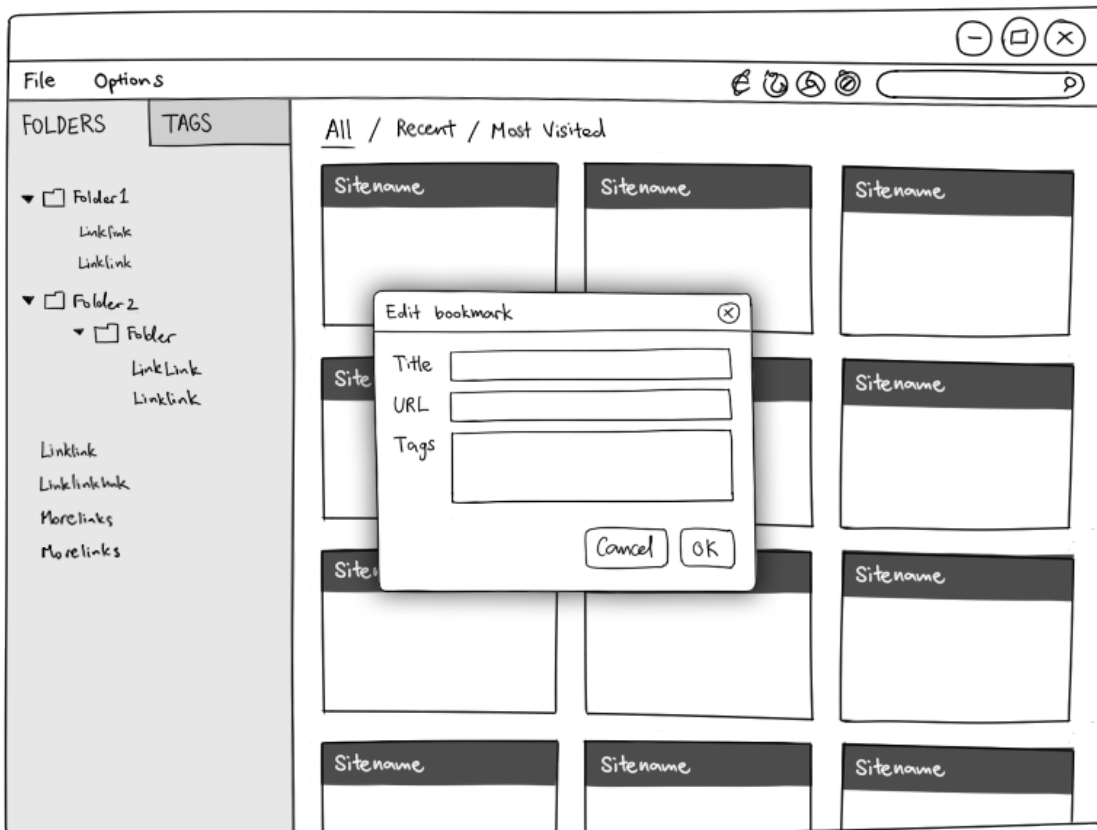


Figure 2. Clicking edit on context menu reveals an edit popup.

## Folder View

Users can look at their bookmarks by folder, which is consistent with how bookmarks are organized today in browsers. Selecting a folder will show all the bookmarks it contains in the grid view.

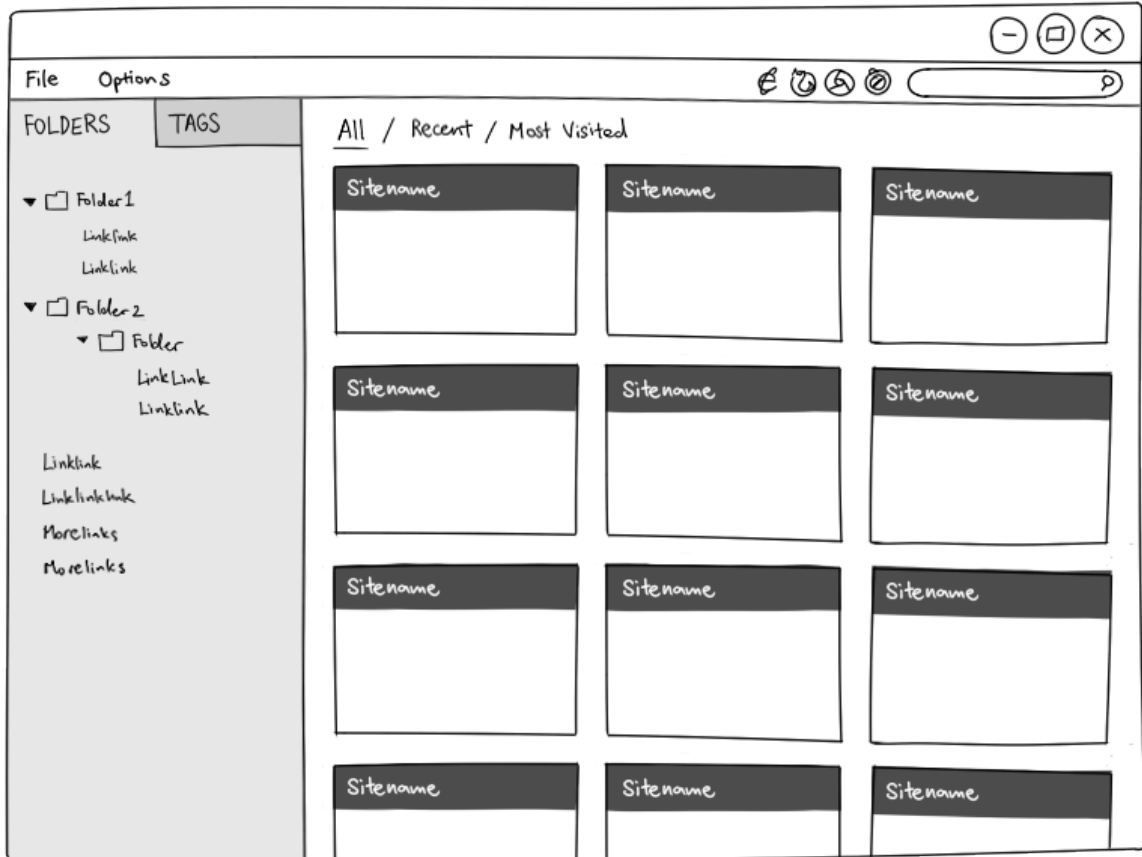


Figure 3. Folder view

## Tag View

Bookmarks can be given tags. Selecting the name of the tag shows all bookmarks given that tag.

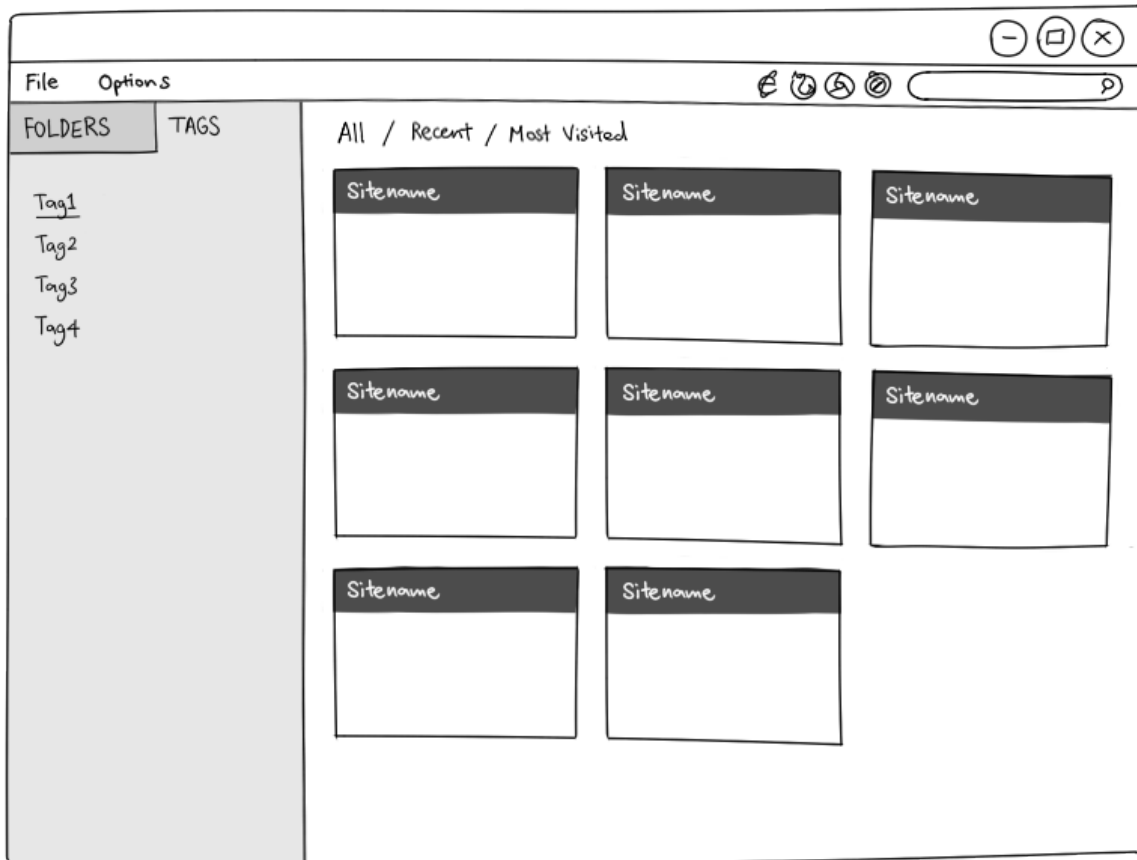


Figure 4. Tag view