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.

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

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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.

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Figure 3. Folder view

Tag View

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

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Figure 4. Tag view