



Personal Bookmarker – My Bookmarks

Minor Project

Disclaimer

This Software Requirements Specification document is a guideline. The document details all the high level requirements. The document also describes the broad scope of the project. While developing the solution if the developer has a valid point to add more details being within the scope specified then it can be accommodated after consultation with IBM designated Mentor.

INTRODUCTION

The purpose of this document is to define scope and requirements of a Personal Book Marking tool for the users of Corporate Intranet. This feature named as 'My Bookmarks' is a part of customization in the Intranet space for the users to access and view web based content as per their needs or reading requirements. The proposed feature will empower users to achieve the following:

1. Users can add and manage Bookmarks of their choice.
2. Simple interface to access the customized Bookmarks within the intranet space.
3. As this tool does not have any dependency on the browser it will make users access their bookmarks available from anywhere as long as they have an access to intranet.

This document is the primary input to the development team to architect a solution for this project.

System Users

All employees authorized to access intranet shall be able to leverage the My Bookmarks feature.

About Bookmarks

Bookmarks make reaching out to your Favorite, Must read, Must visit web sites remain in line of sight. You may add the bookmarks using the browser add-ons or use a customized solution to manage the bookmarks. A bookmark can be categorized based on labels or tags to be used as ready reckoner. In public domains and social networking, people use shared bookmarks to access common resources.

REQUIREMENTS

The intranet user clicks on the *My Bookmarks* link to view the Bookmarks created on the landing page.

The view will be displayed in a two-column layout. The leftmost column will display three menu items:

1. First menu item is 'Bookmarks' and the list of labels with their count. These labels or are based on the user's choice of labeling the URLs marked for future reference. Each user will view the bookmarks created by them only. A default view where there is no bookmark, displays a 'no item found' below the Menu title 'Bookmarks'. On selecting a label from the left side, the rightmost column displays the corresponding bookmark titles with their Favicon. Links to 'Modify' and 'Remove' are also displayed with each

bookmark entry. The second row of each bookmark entry displays links for various other labels that have been assigned to the bookmark. These are clickable and the view refreshes and shows the bookmarks applicable to the clicked label.

2. The second menu item “Add Bookmarks” allows the user to add a new entry. Clicking on this refreshes the right hand column and displays a form with the following fields:
 - a. Bookmark Title
 - b. Location (URL) – This can be copy-pasted from the browser tab or window
 - c. Labels – Entry of multiple comma separated labels
 - d. Notes – Text box to enter content for future reference
3. The third menu item “Manage Labels” will allow the user to Rename or delete the labels permanently. A tabular view is displayed with links to Rename or Remove the labels. Click on Rename displays a field to accept the modification in the name. Remove will delete all the entries of the bookmarks that were assigned this label.

Optional Requirement

The student may like to add a 4th Menu item as ‘Shared BMs’. This will require an additional link ‘Share’ while adding a bookmark. Clicking on Shared BM’s link will display two sets of information in the right pane, 1) Shared by Me and 2) by Others

DEVELOPMENT ENVIRONMENT

My Bookmarks will be developed as a web application using Java/JSP and DB2 database. Eclipse will be used as the IDE for the same. Knowledge of XML is a must for this project.