



Create & Manage Notes on Intranet – Quick Notes

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 Simple Notes Management Tool - Quick Notes for the employee Intranet of a large business house. The proposed tool will allow the employees to write and access, their notes in office or on the move. Quick Note is expected to provide:

1. A very simple clutter free user interface.
2. Exceptional ease of use for notes entry, formatting and deleting notes as and when required.

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

System Users

The entire staff of the business house is expected to benefit from the Notes management tool, Quick Notes.

Assumptions

1. Quick Notes will be integrated with the existing company's intranet and therefore it will leverage the existing Intranet's authentication mechanism.
2. The rich text editor customization is part of the project. The TinyMCE provides very advanced formatting features. To keep the Quick notes simple, the developer is expected to customize select few features as shown in the header of the Quick Notes Entry Screen as given in this document.
3. The screens provided in the document should be used as a guideline to design and develop the functionality. They may not include all features expected to be part of the project.

REQUIREMENTS

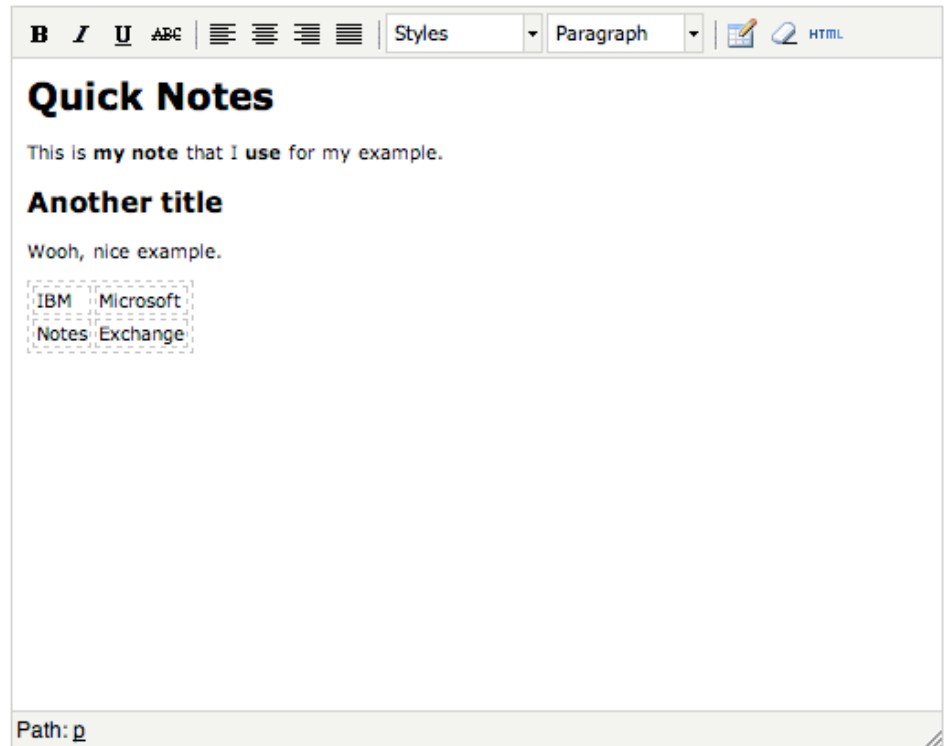
Quick Notes will allow users to maintain & manage their Notes online. The user interface for the same is outlined below.

			New Note
Subject ▾	Created ▾	Updated ▾	
Bubble wrap ideas	Yesterday at 16:00	Today at 11:40	✖
Thoughts on Packaging	Today at 10:35	Today at 11:45	✖
Unit Measurement System	April 27, 2012 at 12:47	May 03, 2012 at 15:55	✖

Logged in employees will see a list view of their notes created in a chronological order with latest being on top. The existing notes appear in a columnar manner, displaying their Subject, Created, Updated dates. A red color minus sign icon appears at the end of each row, for deleting the note.

Notes Entry

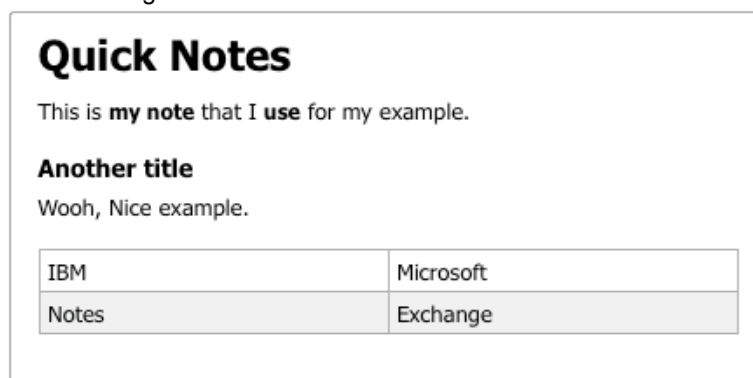
The following screen outlines the rich text editor UI:



A customized rich text editor integrated from TinyMCE will facilitate quick notes entry. User will be able to enter title, text, insert a table, apply formatting from the icons available on the header of rich text editor. The Title and Save button is not displayed in the image. Please include while designing the interface.

Viewing Existing Note

The following screen outlines the Notes View UI:



Clicking on any one of the Note entries from list view will display the Note in a read only mode as above. Edit button not shown in the image will be clicked on to modify the existing content of the note in a rich text editor

Note Deletion

A note will be removed from the view once the clicks on the minus sign appearing on the right hand side of the list view. A dialogue box will prompt user to accept the deletion step. Deleted notes will automatically move to the bottom of the list and will be displayed as “~~striketrough~~” text. They will move to archive at the end of the week, and can be accessed again from the Archive link, not shown in the layout.

Reorder Notes

User will be able to reorder the notes on created or updated columns by clicking on the Sort order icon (inverted triangle). The deleted notes are not included in the sort functionality.

Saving Changes

User will be able to save all the changes of new entry or any update in the back-end database by clicking on a “save” button (not shown in the screen above).

Optional Requirements

All the deleted notes of a week will automatically move to Archive at the end of the week.

DEVELOPMENT ENVIRONMENT

Since Quick Notes is expected to use Intranet’s authentication, for the purpose of this project, entering user name will take you to the user’s Quick Notes screen. You may create sample users directly from the backend database.

Quick Notes will be developed as a web application using Java/JSP and DB2 database. Eclipse will be used as the IDE for the same. You may consider using a JavaScript framework like jQuery/Prototype/ Scriptaculous. We recommend, the developer of this project to use TinyMCE - Javascript WYSIWYG Editor. Details are available on <http://www.tinymce.com/> URL.