**Version History**

**SRS - Search Documents (System Requirements Specification)**

**Version 1.0**

**March 15th, 2020**

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| --- | --- | --- | --- |
| Version | Release Date | Modified by | Revisions |
| 1.0 | 13/03/2020 | Anil Adusumalli | Initial draft version |
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**References**

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# Introduction

**Business Case:**

This document details all steps to be done to execute multiple searches to locate any the text documents containing one or more key words. E.g. find me all documents containing the word “elephant”.

As a Business User, we have received a palette of hard drives containing text documents. We do not know how many text documents exist at this time but we expect at least one more palette in the future. Initial estimate suggests 900 Million plus documents.

We need the ability to execute multiple searches to locate any of these text documents containing one or more key words. E.g. find me all documents containing the word “elephant” . Results should be returned in reasonable time nominally under 1 hr.

# Create new Document Content Store DB

## Create the Document Meta Data schema

DBA will have to create a new DB, which will only contain the Document Meta Data schema for the documents. Metadata of a Document is typically details like Document Name, Size, File type, created date, user, etc.

# Define Search Criteria

UltraFileSearch allows you to specify several File Names and multiple Drives and/or Folders at the same time; it is able to sort out Files and Folders according to their properties (e.g. Modified Date) and find Files which contain one or more specific words or sentences. The search results can be put in order by column (upward, downward or neither of them). The results window supports Windows® Explorer functionality (e.g. icons, context menus). Specific actions can be carried out on the results (e.g. Open Folder, Open Containing Folder), moreover they can be exported in various **File Formats** (\*.TXT, \*.TSV, \*.CSV, \*.HTML, \*.XML).  
  
This Utility does not use background Indexing, does not waste system resources and does not use extra space on the Disk.

## File Search Criteria

The Search Criteria’s to be implemented:

### Search Files by “Files and Folders”

### Search Files by “Containing Text”

#### 3.1.3 Search Files by “Date and Size”

#### 3.1.4 Search Files by “Attributes”

# Security changes to allow for ad-hoc users usage

## Current Security Overview

The Everyone group (which holds all authenticated users) is included into the ‘Search Users’ role. Due to this, users have access to all functions and folders in the portal. However, the ‘Search Users’ role is removed from the Capabilities list.

## Security changes needed for SRS Pre-Prod, to allow for access

### Create new security role

The role ‘pre-prod adhoc users’ needs to be added into the user’s namespace. Note that any user that must be setup as adhoc user, will need to be added as a member into this role.

### Set security for the new role

The following security needs to be set on the new role :

Change the Permissions for the ‘pre-prod adhoc users’ role :

Delete all roles and add in the ‘pre-prod adhoc users’ role and give it the permissions: Read + Execute + Traverse