**[PRD] Search Application workflow**

**Summary:** Search documents present on cloud

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| **Created:** July 04, 2021  **Owner:** reachout@krishansaini.com  **Contributors:** reachout@krishansaini.com | **Status:** WIP | **In Review** | Approved | Obsolete  **RFC:** Link to RFC when created |

The Problem Requirements Document (PRD) begins with a brief introduction that explains the goal of the PRD. While the introduction section is read first, it should be authored last. Writing the overview last allows the author to summarize the final content of the PRD, rather than write an introduction without knowing the end result.

Background

We keep our documents on cloud servers but over a long period of time, we may end up with thousands of documents with us. We may need to search among the documents based on some string of words we have. That is the purpose of this application.

Problem

We all keep our files on cloud servers and it’s difficult to find them based on the content of the files. This is the problem we are facing and we provide a solution for the same.

Requirements and Phases

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|  | **Requirements** |
| **Phase 1:** Scan all documents | Provide a way to scan/parse all the documents present on the cloud |
| **Phase 2:** Search through all the documents | Allow users to search through all the documents for specific terms or words using partial or impartial match |

The problem is broken down into phases to enable iterative implementation. Each phase:

1. Builds value on the previous phase and therefore they are defined in sequential order of value. There is no need to define priority as that’s inferred from ordering.
2. Is not considered complete until all of the requirements are fulfilled.
3. Should provide end-to-end value. That is, even if only the phase can be addressed then this should provide value and feel like a new feature/solution for the user:

Scan all documents

<Requirement 1>

* Provide a way to scan/parse all the documents present on the cloud.

Acceptance Criteria

Any document added on the cloud should be scanned immediately when we hit its respective API. Its content, name and metadata should be added to the database for searching purposes.

Only docx and pdf files should be parsed.

Search all documents

<Requirement 1>

* Allow users to search through all the documents for specific terms or words using partial or impartial match

Acceptance Criteria

Users should be able to search through the documents present on the cloud either using its content or by its name.

Users should be able to search the files using partial or impartial search.

Approvals

Red names still require approval, green names with a checkmark have approved.

Each of the representative stakeholders must approve the PRD before it proceeds to kick-off and RFC writing. Sign-off by stakeholders requires these to be satisfied:

* The release summary defines which acceptance criteria are in scope.
* Engineering and Product Management agree on the target release.
* Provides sufficient clarity to author the RFC.
* Schedule a meeting with engineering and design to review the PRD.

**Approved names will have a ✅**

Project Engineering Lead: XX

Product Manager: **✅** XX

VP of Product: XX

Sales Engineer Lead: XX

ProductDesign Lead: XXX