

# [PRD] Document Content Search

**Summary:** Application to search given text in stored documents

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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

The documents stored on any storage supports text search capability on each document when searched individually by opening the document and manually finding the search text.

This is a tedious job for any user to search through numerous documents. The idea here is to automate the search and extend it to all the documents on a given storage in one go.

## Problem

The text search done manually on individual documents is a time consuming job. The documents are not maintained as per the domain they belong. Hence there is a need for a search service which will help with a UI for search text input and return exact documents containing the text.

### Personas

* **Payroll** team has troubles with searching employee salary slips

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## Requirements and Phases

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|  | **Requirements** |
| **Phase 1:** Provide text search capability backend | Backend design and development for search service. |
| **Phase 2:** Provide search UI | Search UI to help users input search text and get document names |
| **Phase 3:** Provide context based search capability | Extend the search capability to context based instead of plain text search |

### <Phase 1>

Backend design and development for search service.

#### <Requirement 1>

The backend search service should be built and deployed.

##### Acceptance Criteria

API exposed for accepting search text and response from API should be a list of documents.

##### Considerations

### <Phase 2>

Search UI to help users input search text and get document names

#### <Requirement 1>

UI to be provided to accept text to search with a button to initiate search.

##### Acceptance Criteria

UI should accept search text and provide this text to API. UI should display document names returned from API.

##### Considerations

## User Research

Payroll teams struggle to find salary slips of employees while generating reports for employees based on their location. The payslips are generated by a 3rd party organization and emailed to the payroll team.

## Approvals

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

**Approved names will have a ✅**

Project Engineering Lead: XX

Product Manager: XX

VP of Product: XX

Sales Engineer Lead: XX

ProductDesign Lead: XXX

[Add other approvers as necessary]

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