



Tech_Shakti

presents

DocMan

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Problem Statement



The government agencies in India keep records of all the citizens either in hard copies that comes out as a huge pile or in software formats like word, pdf, csv, excel etc.

It'll easily require 10-15 mins or more for any person to search for a single document and especially any particular text inside the document, which becomes very time consuming task along with hard copies having the huge risks of getting damaged.

So, making it convenient for the government officers and the users we are here with the idea of "**DocMan**".

What is DocMan

01

Document Management System

DocMan which is basically a **Document Search and Management System** designed to ease the cumbersome and tedious moments with the traditional file system.

02

DocMan working

This tool has an upload option, when we click upload, all the files present in the system will get visible in the web app and stored in the cloud. The files will be arranged according to the extensions and date modified and date created . In the search page we can type the ID of the paper associated with the person and the document will be found well timed.

03

Significance

The tool has a great significance in Government Sectors like PWD, IPH, CPWD, Municipal Corporation etc.

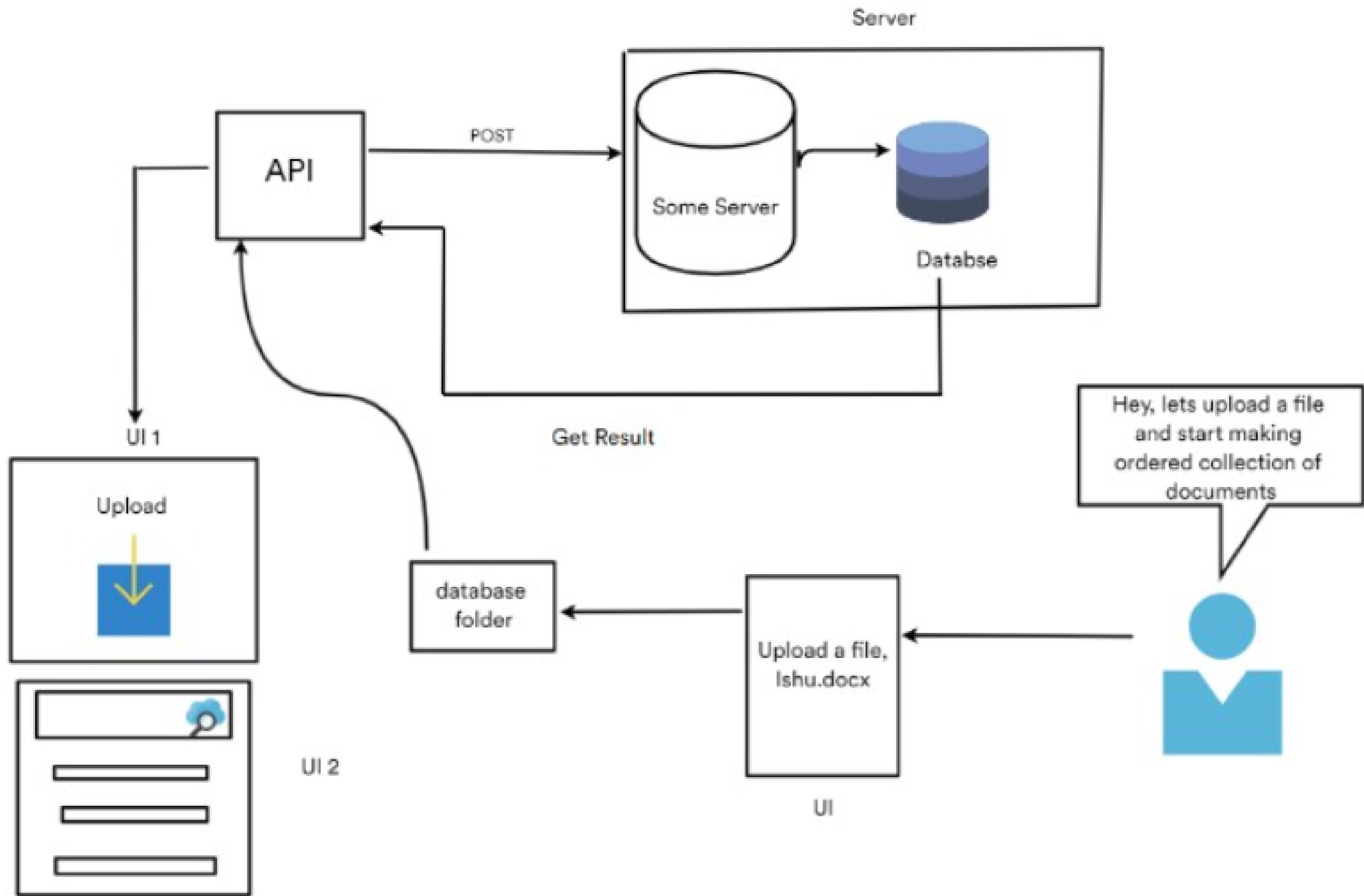


DocMan

The Document Search Engine Superhero

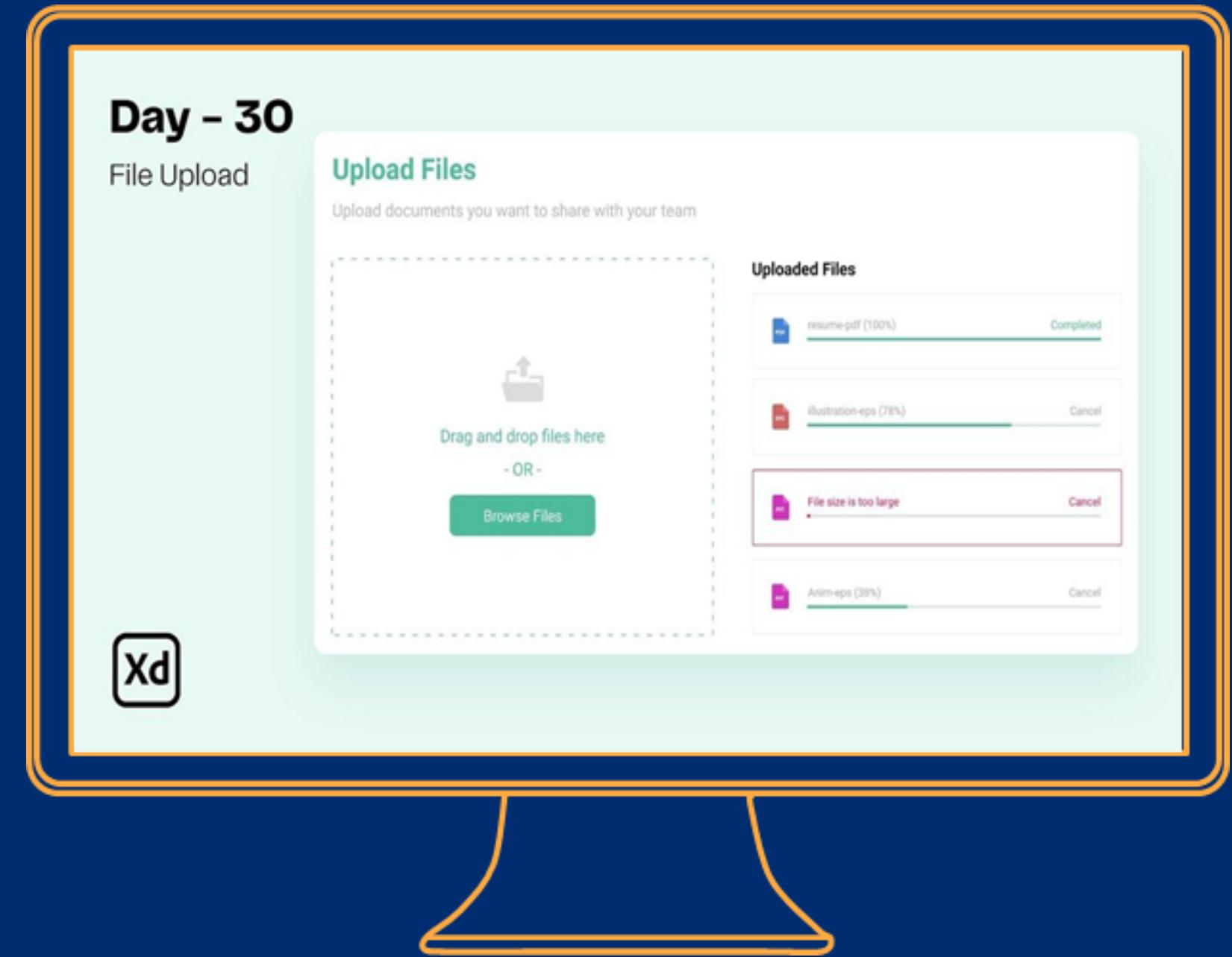
Handles your millions of files and makes them searchable with such an ease that next time you will say I want to docify it!

[UPLOAD](#)[SEARCH](#)



Technology and Prototype

- Apache Tika
- Tesseract OCR
- ElasticSearch
- Kibana
- Docker
- Pdf-poppler
- Node Js
- EJS



Results

Name	Owner	Last modified	File size
Ayush-Resume	me	Jan 5, 2023 me	4 KB
Ayush_21BCS6040.pdf	me	Oct 26, 2022 me	1 MB
ayush 9 java.pdf	me	Nov 18, 2022 me	311 KB
document search engine	me	Jan 22, 2023 me	—
Ayush_21BCS6040.docx	me	Oct 26, 2022 me	1.6 MB
ResumeAYUSH..pdf <small>25</small>	Sumita Bhat	Jan 17, 2023 Sumita Bhat	37 KB
Ayush-Resume.pdf	me	Jan 5, 2023 me	27 KB
Ayush_21BCS6040.pdf	me	Oct 26, 2022 me	1 MB
ayush 10 java_merged.pdf	me	Nov 18, 2022 me	2.3 MB



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**Selected fields**[? _source](#)**Available fields**[t _id](#)[t _index](#)[# _score](#)[t _type](#)[t file_logo](#)[t file_name](#)[t file_type](#)[t text](#)**3 hits****_source**

> `text: Experiment - 4Student Name: Ayush Katoch Branch: CSE AIML - 105 Semester: 3rd Subject Name: Operating Systems UID:21BCS6142 Section/Group: B Date of Performance: 6/9/ 2022 Subject Code: 21CSH - 242 [bookmark: AIM-:_Study_the_basics_of_shell_programm]AIM-: Study the basics of shell programming using vi editor [bookmark: vi_Command_mode:]vi Command mode: · The vi editor opens in this mode, and it only understands commands · In this mode, you can, move the cursor and cut, copy, paste the text · This mode also saves the changes you have made to the file · Commands are case sensitive. You should use the right letter case.`

> `text: Ayush Katoch katochayushhp@gmail.com https://github.com/AyushKatochh +91 7018959058 EDUCATION B.Tech, Computer Science Chandigarh University 2021 - 2025 Senior Secondary (XII), Science MCM DAV Baghni Senior Secondary School ((CBSE BOARD) board) Year of completion: 2021 Percentage: 95.60% POSITIONS OF RESPONSIBILITY TRAININGS Participate in HackX Hackathon organised by Thapar University as a team leader and won many amazing prizes Participated in hackathon organised by codechef named Live the Code from 24th September to 10th October 2021 Internship training in Survey Of India, Dehradun in UI/UX React.js Complete Course udemy, Online Oct 2021 - Present Learning about complete React.js Node.js - Complete Guide udemy, Online Aug 2021 - Present Currently learning about core`

> `text: bro just wait for 10 min bass ek baar node ko docker ma run kar ka check kar leta hu. hogya done bye , good night file_type: text/plain file_name: 2.txt file_logo: file.png _id: 2.txt _type: text _index: data _score: 0`

UPLOAD FILES

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- | | | |
|--------|--------------------------------------|--|
| a.docx | <div style="width: 25%;">25%</div> | |
| b.pdf | <div style="width: 50%;">50%</div> | |
| c.pdf | <div style="width: 75%;">75%</div> | |
| d.docx | <div style="width: 100%;">100%</div> | |

UPLOAD



Applications

- Highly efficient for the organizations to manage all the file work.
- Makes file searching and extraction easier.
- Reduces manual work and time consumption.
- Accessible to people for their personal use.



Future Scope

- Further DocMan can be developed into an android app to make it more accessible to the public.
- We can add smart upload option, where just by clicking on upload all the files from the device will be uploaded in the software.
- CUD - Create Update Delete feature, where the user will be able to render the file in the application itself and save it there.





Thank You