



**Deccan Education Society's
Fergusson College (Autonomous), Pune.
Department of Computer Science**

A

Project Report

on

**Content Management Portal For Valuer's
Master of Science (Computer Science)-I
(Semester - II)**

CSC4212 Computer Science Project-II

Submitted By -

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[2022-2023]



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Content Management Portal For Valuer's

in partial fulfilment of the requirement of the completion of

F.Y.M.SC (C.S.)

[Semester-II]

Master of Science (Computer Science)

Submitted By:

- 1. Abhishek Sachin Dhondalkar Roll No. 226235**
- 2. Shivam Laxmikant Dandavate Roll No. 226254**
- 3. Saurabh Santosh Deo Roll No. 226264**

**Under the Guidance of -
Prof.Mr.Irfan Khatik**

CERTIFICATE

This is to certify that the project entitled **Content Management Portal For Valuer's**
Completed by

1. Abhishek Sachin Dhondalkar 226235
2. Shivam Laxmikant Dandavate 226254
3. Saurabh Santosh Deo 226264

in partial fulfilment of the requirement of the completion of M.Sc. (Computer Science)
[Semester-II], has been carried out by team under my guidance satisfactorily during the
academic year 2022-2023.

Place: Pune

Date: / /2022

Mr.Irfan Khatik

Project Guide

Dr. Kavita A. Khobragade

Head, Computer Science Department

Internal Examiner

External Examiner

ACKNOWLEDGEMENT

It gives us pleasure in presenting the project report on

***‘Content Portal For
Valuer’s Association’***

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of people whose cooperation made it possible, whose constant guidance and encouragement all efforts with success.

We are grateful to our project Mentor ***Mrs. Swati Satpute and Mr.Irfan Khatik*** for the guidance,inspiration and constructive suggestions that helpful us in the preparation of this project.

A Special Thanks To Our **HOD Dr.KAVITA KHOBRA** Ma’am and We also thank our ***Friends and Teachers*** who have helped in successful completion of this project.

With deep sense of gratitude we are thankful to ***Department Of Computer Science*** for providing us all necessary facilities and their constant encouragement and support.

Thank You...!!

Abhishek Sachin Dhondalkar.

Shivam Laxmikant Dandavate.

Saurabh Santish Deo.

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1. Introduction

1.1 Existing System

- Valuers are the people who can help clients determine the value of a property they are looking to buy and what areas of their property need insurance.
- Valuer's need to manage each client's data and documents reg it is tedious job to manage all client's data also there is a possibility of loss of data.
- Existing system does not have a functionality where valuers can manage data efficiently and securely existing system does not have a portal or website where all user's data from different states comes together

Managing client data and data accessibility is the most important issue in this existing system.

1.2 Need of the System

- The portal which we have developed makes it easy for a valuer's to maintain, add, delete important users data and to it is also helpful to manage the IndexedII documents and storing data locally by using SQLite as it provides. Also there is a superuser named as admin which manages the whole system
- So, this system is very convenient for valuers. It saves the time of the valuer's and makes their work easy and comfortable.

1.3 Project Overview

Valuer's Association web portal is a website where anyone can search for property valuation documents. The documents are categorized under India, different states, cities under states followed by area. Also the user can view the documents and download this documents also valuer's can manage this users can keep the information and document downloaded count of user.

a) VA members

These are the users, who are actually members of Valuers association. They are the one who does valuation of a property, generate relevant documentation and upload in the system

- Can add 'n' no of index2 documents.
- Can download another 'n' no of documents.

b) Random users /Guest Users

Random users are end users who are looking for information on the portal. Does have account in the system. Can browse through area wise document list and download it. This users are managed by valuers.valuers kept the count of this us

c) Administrators

These users are part of administrative group having higher access right to manage software configuration. and they also manage all the valuer's and keeps the information of valuer's and all the random users.

Project Overview:

- **Login and registration:** This is for valuer's management. user first register by giving his name, email, username and password after successful registration user can login and identified as a valuer by using username and password and can use this portal.
- **Document upload & download:** valuer's can download and upload any no of IndexedII documents after successful login they can manage the count of documents uploaded by guest. user's document should be in PDF or image format.by using OCR (Optical Character Recognition) we are extracting required data from document.
- **Document Search:** we are providing a home page where guest user can search the document uploaded by valuers user can search document according to state, district, sub-district and if the document is present then it will be shown to user.
- **Admin Panel:** Admin is a superuser of this portal we are using default admin panel provided by Django for managing all the valuers and random user's data admin has the authority to add, update, delete the valuer's and user's information. we are using customized admin panel provided by Django

2. Analysis

2.1 Feasibility Study

2.1.1 Technical Feasibility

- The developed Portal is cost effective as technologies used are open source and freely available.
- The necessary hardware and software tools are available in the computer system and the software recommended supports application objectives. The technology we are using i.e. Django is free and open source.
- This web portal is responsive and user friendly.
- Languages Used are: Python (Django framework), Html, CSS, Bootstrap

2.1.2 Economical Feasibility

- To use this portal users are required to just search the document and download it. it's a simple task not much complexity involved in this process.
- The proposed portal minimizes the time and effort right from managing activities.
- We are providing simple GUI (Graphical user interface) in this application so even novice can easily use this portal. This portal does not involve much complexity it is simple and efficient.

2.1.3 Operational Feasibility

- As the proposed application is a user-friendly package with all the visual aids, the effort that goes into the educating and training the user is negligible. Therefore, resistance to the proposed application is NIL.

2.2 Hardware and Software Requirements

1. Hardware Requirements (for development)

- **Processor** :Dual core i3 or more
- **Memory** :4 GB RAM or more
- **Hard Disk** : 512GB

2. Software Requirements and technologies used

- **Operating System** : Windows 8/8.1/10/11 (64-bit)
- **IDE** : PyCharm Community Edition (2022.2.1)
- **Database** : SQLite (for local storage)
- **Python** : Version 3.10.7
- **Django** : Version 4.1.1
- **Html, CSS, Bootstrap** : For GUI

3. Design

3.1 Database Table Designing

Database used: SQLite

Table: Customuser

Table Fields















 id	integer	"id" integer NOT NULL
 password	varchar(128)	"password" varchar(128) NOT NULL
 last_login	datetime	"last_login" datetime
 is_superuser	bool	"is_superuser" bool NOT NULL
 username	varchar(150)	"username" varchar(150) NOT NULL UNIQUE
 first_name	varchar(150)	"first_name" varchar(150) NOT NULL
 last_name	varchar(150)	"last_name" varchar(150) NOT NULL
 is_staff	bool	"is_staff" bool NOT NULL
 is_active	bool	"is_active" bool NOT NULL
 date_joined	datetime	"date_joined" datetime NOT NULL
 email	varchar(254)	"email" varchar(254) NOT NULL UNIQUE
 status	varchar(100)	"status" varchar(100) NOT NULL
 number_of_docs_...	integer	"number_of_docs_uploaded" integer NOT NULL
 number_of_docs_...	integer	"number_of_docs_downloded" integer NOT NULL

Table Data

Table: users_customuser		Filter in any column									
	id	password	last_login	is_superuser	username	first_name	last_name	is_staff	is_active	date_joined	email
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	1	pbkdf2_sha256\$390000\$8k1u...	2022-11-22 10:35:10.430999	0	test2	test2fname	test2lname	0	1	2022-11-22 04:42:37	atharvaadsul11@gmail.com
2	2	pbkdf2_sha256\$390000\$yZTsn...	2022-11-22 07:34:35.645556	1	OCR@111			1	1	2022-11-22 04:46:18.938547	athusiddeveloper@gmail.com
3	3	pbkdf2_sha256\$390000\$teHky...	2022-11-22 10:59:05.715437	0	test3	test2fname	test2lname	0	1	2022-11-22 10:36:16.764163	athuadsul7@gmail.com
4	4	pbkdf2_sha256\$390000\$pCwE...	NULL	0	siddharthlele	Siddharth	Lele	0	0	2022-11-23 05:42:26.715441	lele.siddha@gmail.com

Table: users_customuser										
username	first_name	last_name	is_staff	is_active	date_joined	email	status	number_of_docs_uploaded	number_of_docs_downloaded	
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	
1 test2	test2fname	test2lname	0	1	2022-11-22 04:42:37	atharvaadsul11@gmail.com	valuer	2	0	
2 OCR@111			1	1	2022-11-22 04:46:18.938547	athusiddeveloper@gmail.com	valuer	0	0	
3 test3	test2fname	test2lname	0	1	2022-11-22 10:36:16.764163	athuadsul7@gmail.com	valuer	4	0	
4 siddharthlele	Siddharth	Lele	0	0	2022-11-23 05:42:26.715441	lele.siddha@gmail.com	valuer	0	0	

Table: indexedIIdocument

Table Fields











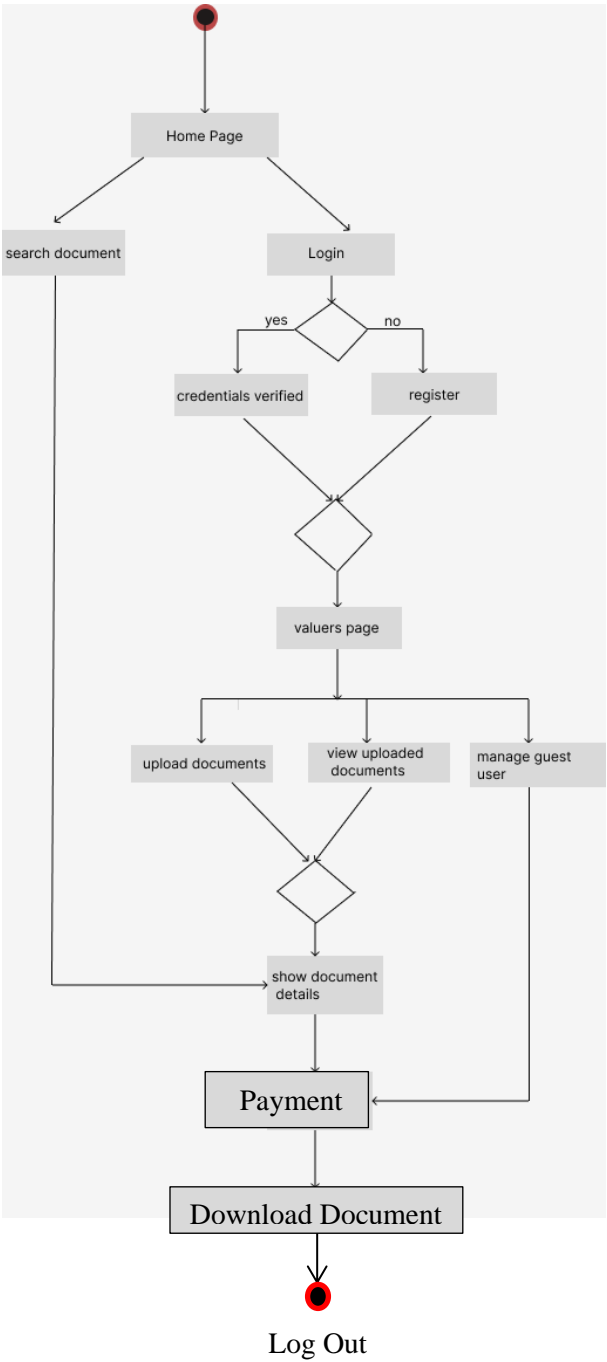
 Doc_ID	char(32)	"Doc_ID" char(32) NOT NULL
 fileIn	varchar(200)	"fileIn" varchar(200) NOT NULL
 serialNo	varchar(50)	"serialNo" varchar(50) NOT NULL
 description	varchar(500)	"description" varchar(500) NOT NULL
 vilagename	varchar(200)	"vilagename" varchar(200) NOT NULL
 subdistrict	varchar(200)	"subdistrict" varchar(200) NOT NULL
 district	varchar(200)	"district" varchar(200) NOT NULL
 state	varchar(200)	"state" varchar(200) NOT NULL
 language	varchar(100)	"language" varchar(100) NOT NULL
 added_by_id	bigint	"added_by_id" bigint NOT NULL

Table Data

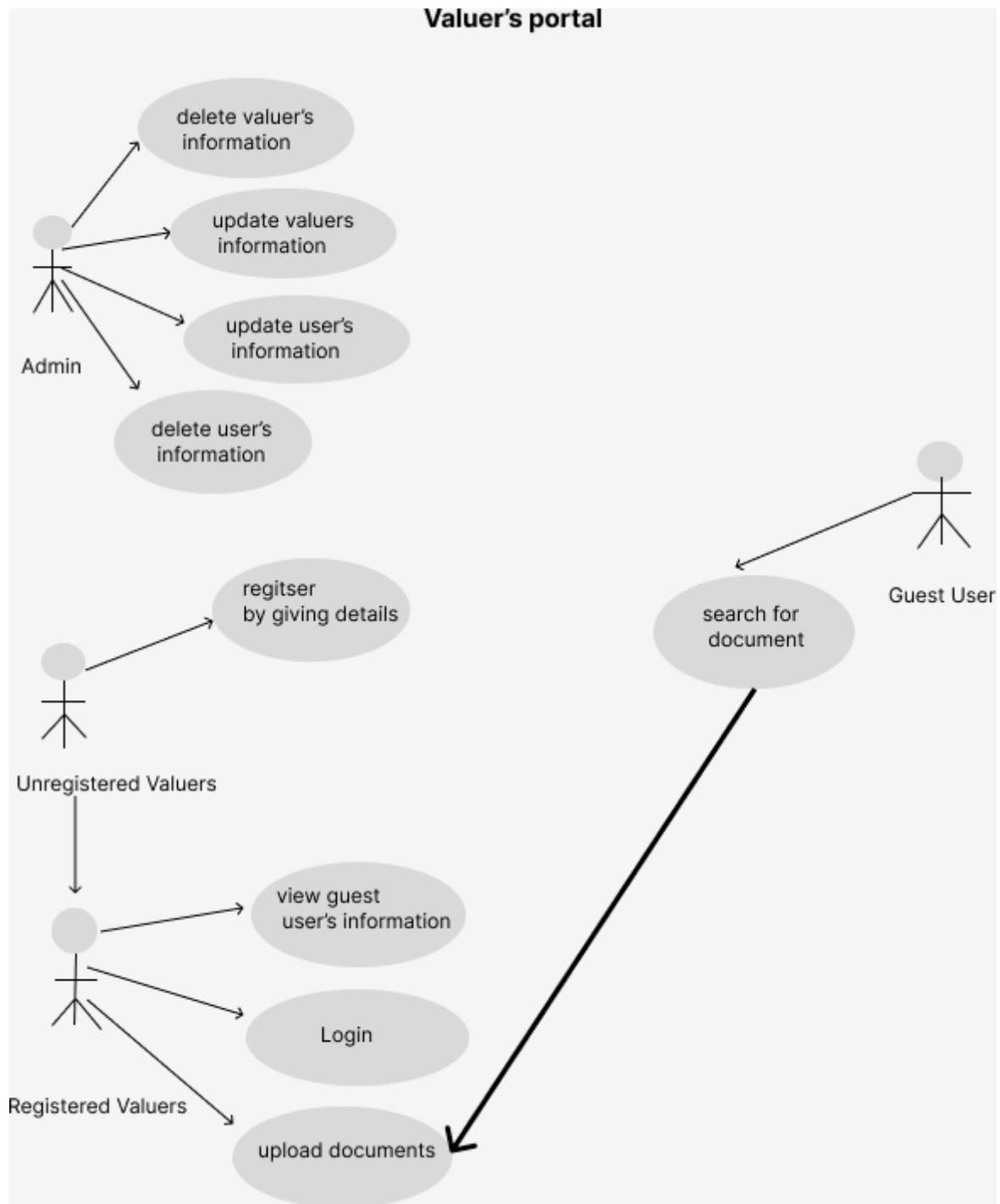
Table: indexIIdocument_indexiidoc										
Doc_ID	fileIn	serialNo	description	vilagename	subdistrict	district	state	language	added_by_id	
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	
1 36c69901f17745d8bfd1d090d9...	/media/...	5879/2022	1) name of municipality:pune ...	bopodi	haveli	pune	maharashtra	('English', 'eng')	1	
2 b8e37cbe7e554c7c932ec9dc4e...	/media/document2.pdf	14695/2022	1) name of municipality: pune ...	bopodi	haveli	pune	maharashtra	('English', 'eng')	3	
3 fdff1f197c324f6186feead2fb9...	/media/document5.pdf	105/2022	1) name of municipality: nashi...	anjaneri	trambakeshwar	nashik	maharashtra	('English', 'eng')	3	
4 ea9122dfcc8a458f9af9edd5af1...	/media/document7.pdf	1507/2022	1) name of municipality: nagp...	akola	umred	nagpur	maharashtra	('English', 'eng')	3	

3.2 Diagrams

1. Flowchart



2. Use case Diagram



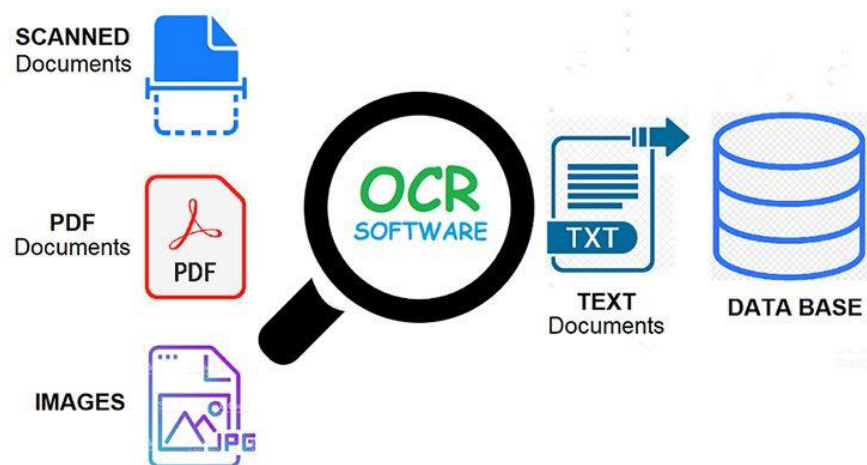
3.3 Alogorithm

Optical Character Recognition (OCR)

OCR systems transform a two-dimensional image of text, that could contain machine printed or handwritten text from its image representation into machine-readable text. OCR as a process generally consists of several sub-processes to perform as accurately as possible.

The subprocesses are:

1. Preprocessing of the Image
2. Text Localization
3. Character Segmentation
4. Character Recognition



- We are using OCR in this portal to extracting a data from a uploading document and for getting the required fields from that document.
- For this we are using pytesseract which is optical character recognition tool for python. It can read and recognize text in images and is commonly used in python OCR image to text use cases.
- We are using Table OCR which is used to extract data which contains in a table format first valuers upload the IndexedII document then the OCR algorithms gets applied on this document by using table OCR. we can get data in the table manner by using table OCR.

3.1 Input Output Screens

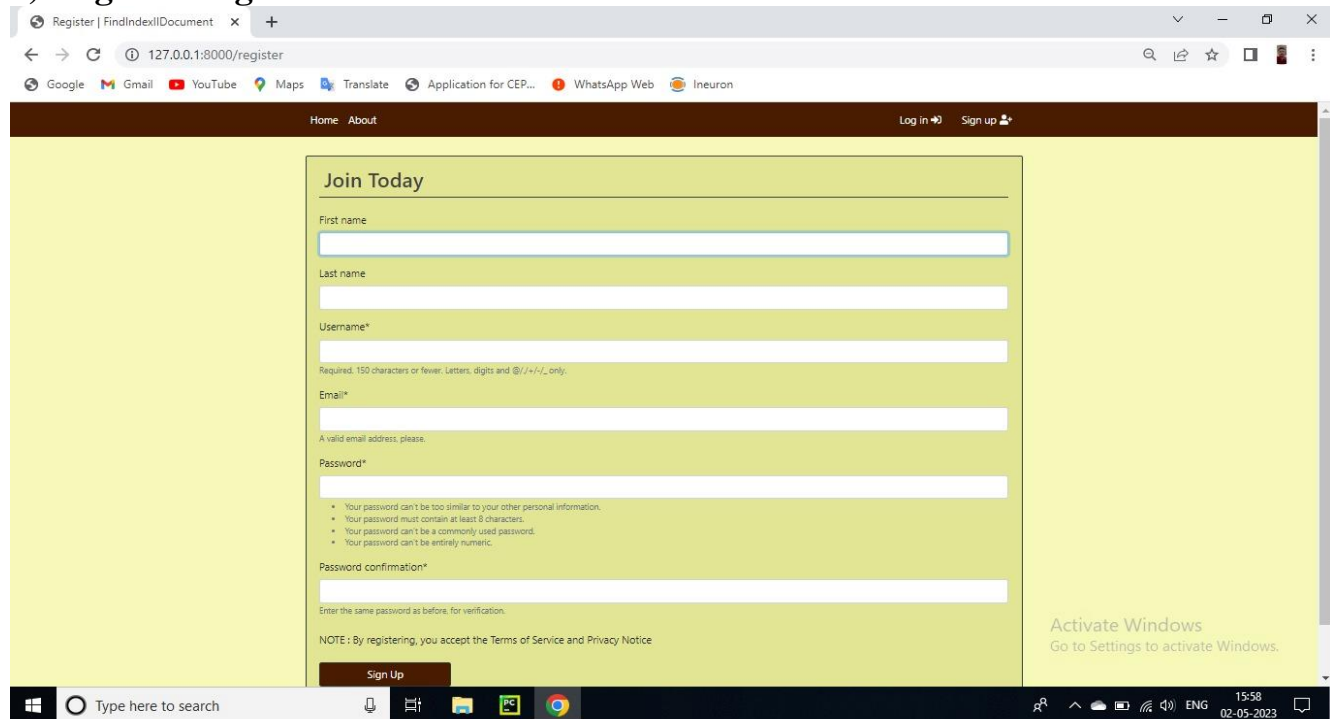
1) Home Page

The screenshot shows a web browser window with the address bar displaying "HOME | FindIndexII Document" and the URL "127.0.0.1:8000". The page has a dark brown header with "Home" and "About" links on the left, and "Log in" and "Sign up" links on the right. The main content area is light yellow and features a "Search For Index-II Document" form. The form includes four input fields: "State:" (a dropdown menu with "maharashtra" selected), "District:", "Tehsil/Sub-District:", and "Village:". Below these is a "PropertyNo:" input field with a placeholder text "(Enter SurveyNo./CTSNNo./MilkatNo./GatNo./PlotNo.)". A "Search Document" button is at the bottom of the form. In the bottom right corner of the page, there is a "Activate Windows" watermark with the text "Go to Settings to activate Windows." The Windows taskbar is visible at the bottom of the screen.

2) Login Page

The screenshot shows a web browser window with the address bar displaying "Login | FindIndexII Document" and the URL "127.0.0.1:8000/login". The page has a dark brown header with "Home" and "About" links on the left, and "Log in" and "Sign up" links on the right. The main content area is light yellow and features a "Log In" form. The form includes three input fields: "Username or Email**" (containing "abhishekjain2225"), "Password*" (masked with "*****"), and "Captcha*" (a reCAPTCHA widget with a green checkmark and the text "I'm not a robot"). A "Login" button is at the bottom of the form. In the bottom right corner of the page, there is a "Activate Windows" watermark with the text "Go to Settings to activate Windows." The Windows taskbar is visible at the bottom of the screen.

3) Register Page



The screenshot shows a web browser window with the URL `127.0.0.1:8000/register`. The page has a dark brown header with "Home" and "About" links, and "Log in" and "Sign up" buttons. The main content area is yellow and features a "Join Today" form. The form includes input fields for "First name", "Last name", "Username*", "Email*", and "Password*", along with a "Password confirmation*" field. A "Sign Up" button is at the bottom of the form. A "NOTE" states: "By registering, you accept the Terms of Service and Privacy Notice". An "Activate Windows" watermark is visible on the right side of the page.

Register | FindIndexII Document

127.0.0.1:8000/register

Home About Log in Sign up

Join Today

First name

Last name

Username*

Required: 150 characters or fewer. Letters, digits and @/+/./_ only.

Email*

A valid email address please.

Password*

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Password confirmation*

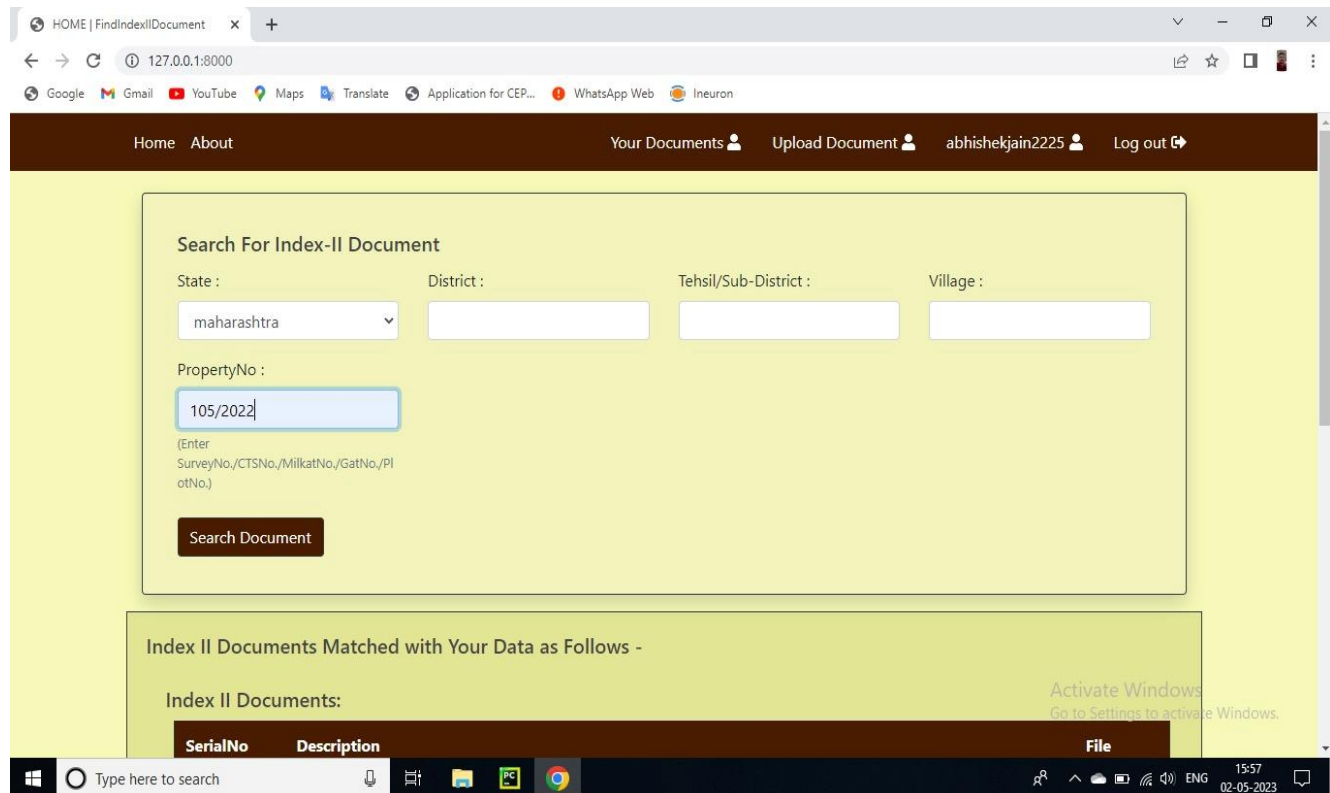
Enter the same password as before, for verification.

NOTE: By registering, you accept the Terms of Service and Privacy Notice

Sign Up

Activate Windows
Go to Settings to activate Windows.

4) Search Document



The screenshot shows a web browser window with the URL `127.0.0.1:8000`. The page has a dark brown header with "Home" and "About" links, and "Your Documents", "Upload Document", "abhishekjain2225", and "Log out" buttons. The main content area is yellow and features a "Search For Index-II Document" form. The form includes input fields for "State" (a dropdown menu showing "maharashtra"), "District", "Tehsil/Sub-District", "Village", and "PropertyNo:". A "Search Document" button is at the bottom of the form. Below the form, a section titled "Index II Documents Matched with Your Data as Follows -" contains a table with columns "SerialNo", "Description", and "File". An "Activate Windows" watermark is visible on the right side of the page.

HOME | FindIndexII Document

127.0.0.1:8000

Home About Your Documents Upload Document abhishekjain2225 Log out

Search For Index-II Document

State : maharashtra

District :

Tehsil/Sub-District :

Village :

PropertyNo : 105/2022

(Enter SurveyNo./CTSNo./MilkatNo./GatNo./PlotNo.)

Search Document

Index II Documents Matched with Your Data as Follows -

Index II Documents:

SerialNo	Description	File
----------	-------------	------

Activate Windows
Go to Settings to activate Windows.

HOME | FindIndexII Document

127.0.0.1:8000

Google Gmail YouTube Maps Translate Application for CEP... WhatsApp Web Ineuron

Index II Documents Matched with Your Data as Follows -

Index II Documents:

SerialNo	Description	File
5879/2022	1) name of municipality:pune m.n.p.other description:, other information: in e wing of gagan nest building, constructed on income ct survey no. 2470 to 2500 in gaon mauje bopodi, taluka haveli, district pune within the limits of pune mahanagar palika. flat no. 201 on the second floor has an area of 513 square feet i.e. 47.67 square meters.	Document
14695/2022	1) name of municipality: pune m.n.p. other description:, other information: bopodi, pune s.no. 47a share no. 1/1, c.s.no. 2229,2230,2231,2232 aundh road,bopodi,pune 411020 total area 1972.77 sq.mt. out of 661.14 sq.m. a four-storied building owned and occupied by sasna bhise park co-owned housing society limited, having a total of 14 flats and a total built-up area of 659.65 sq. m., this income. registrar (class 1) collecting stamp duty by order of collector of stamps, pune city (9100/- as per assessment case no. 128/2022) (cts number : 2229 ;))	Document
18/2022	1) municipality name: trimbakeshwar other description:, other information: plot no. 1059 in mauje-anjaneri ta trimbakeshwar dist nashik area ha 12.40 r + po.kh 00 ha 06 r haansi total area 1 ha 18.4 r haansi size 1 rs 19 paise this income ((gat number : 1059 :))	Document
105/2022	1) name of municipality: nashik other description:, other information: , other information: tukadi district nashik pot tukadi taluka trambakeshwar village mauje anjaneri income of shiwar agricultural land yansi group no. 1019 yancy area 03 ha. 12 r+ po. b. 00 is 02 r with a total area of 03 ha. 14r yancy size rs. 03. sector 01 of this income	Document

Type here to search

15:57 02-05-2023

5) Document Upload Page

File Upload | FindIndexIIDocume

127.0.0.1:8000/uploadDocument/

Google Gmail YouTube Maps Translate Application for CEP... WhatsApp Web Ineuron

Home About Your Documents Upload Document abhishekjain2225 Log out

Upload Document -

Total Documents Uploaded : 4

Upload Valid Image or PDF file of IndexII Document :

Choose File No file chosen

Upload

127.0.0.1:8000/uploadDocument/

Type here to search

15:57 02-05-2023

Activate Windows
Go to Settings to activate Windows.

6) Profile Display –

Profile | FindIndexII Document x +

127.0.0.1:8000/profile/abhishekjain2225

Google Gmail YouTube Maps Translate Application for CEP... WhatsApp Web Ineuron

Home About Your Documents Upload Document abhishekjain2225 Log out

Profile Information -

Name : Abhishek Jain (valuer)

UserName : abhishekjain2225

Email : abhishekjain2225@gmail.com

Edit Profile Information

First name Last name

Abhishek Jain

Email*

abhishekjain2225@gmail.com

State

City

Change password?

Update

Activate Windows
Go to Settings to activate Windows.

Type here to search

15:57 02-05-2023

6) Document Display

Search - find index II document x Create Customers | Razorpay Do x API | Create Customers | Razorpay Python: List object methods. x File Upload | FindIndexII Document x +

127.0.0.1:8000/uploadDocument/

Apps

Note:-Generated Through
eSearch Module,For original
report please contact

Please feel free to edit the information to make it more accurate.

Serial No / दस्त क्रमांक 1507/2022

Description / १५-मापन, पोलिस्सा व परक्रमांक

1) Name of Municipality: Nagpur Other Description:, Other Information:, Other Information: Mauja Akola P. h. No. 21 A,Tah. Umred G. Agricultural land in Nagpur whose group number is 141 is 0.83. R. A deposit of Rs. 2.80 Bho Class 1. Group Purna This agricultural land has been voluntarily

State

Select from the list or enter manually if not found.

District nagpur nashik

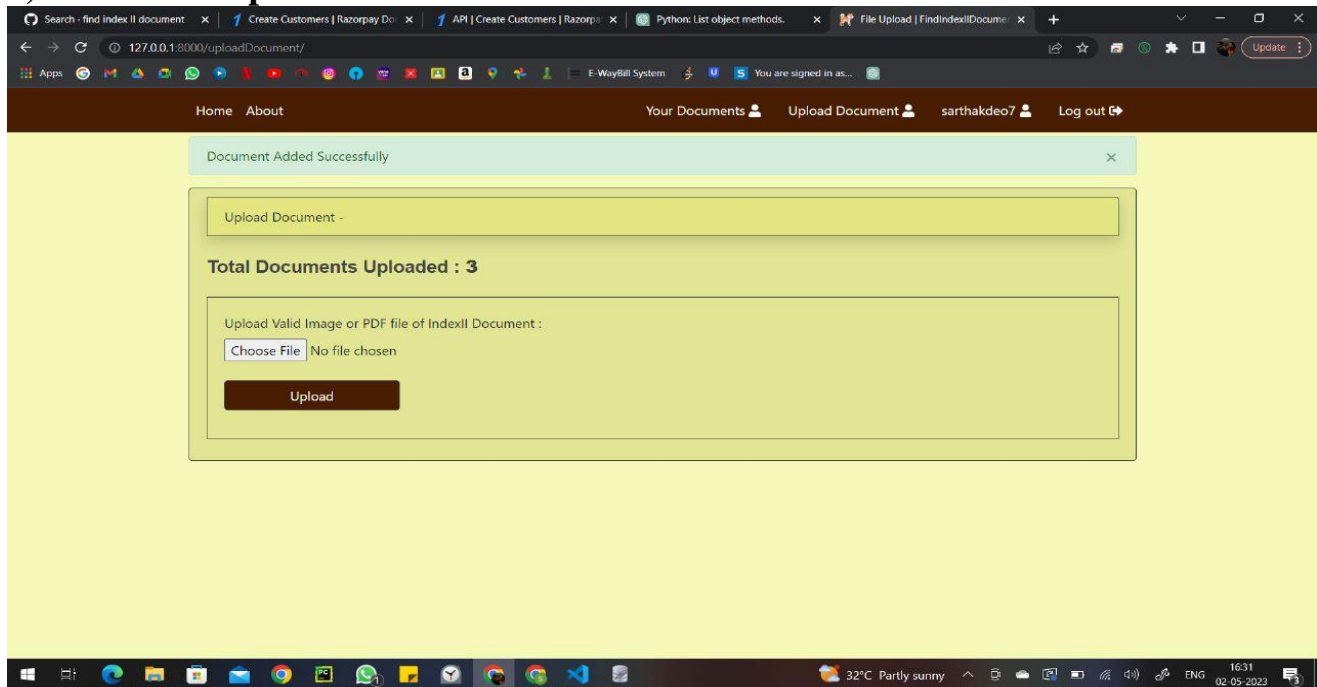
SubDistrict/taluka akola trambakeshwar

village / गावचे नाव : akola

save

32°C Partly sunny 16:27 02-05-2023

7) Document Upload Successful



4.1 Importance of testing

In projects, testing is a way to make sure that the requirements under a project are fulfilled accurately and it is risk free from manual errors, system environment issues, coding issues, crashes, performance, security etc. Testing also helps to make our product better by knowing and understanding the risks associated with it. Risks can be related to User experience, Usability, Functionality etc. Some of the factors that state the importance of testing:

- It produces a defect-free product/software.
- It ensures that the end-user is satisfied. It ensures all the requirements are met.
- It ensures the proper working of all the functionalities of an application.
- It makes sure that the system is reliable.
- It ensures that the software/product works as expected.
- It ensures security and safety. It ensures a good performance of the system.
- It improves the quality of the product. The risks associated with the product/software are reduced and in turn the loss is also reduced.

4.2 Types of testing

Unit Testing

Unit testing operates on individual modules in which the smallest testable parts are run independently and perform the required test of the project. It was carried to validate that each unit of the software code performs as expected. Unit tests isolate a section of code and verify its corrections.

Validation Testing

It gives the confirmation that the product meets its intended use and the needs of its users. It was carried out to confirm that all functional and performance specifications were satisfied or not by presenting the result after the test is carried out

4.3 Test Cases

Test Case No	Test Case Suite	Test Case	Test Case Input	Expected Result	Actual Results	Pass/Fail
TC1	Register	Authenticate user	Name, Email, Password, Username	After successful registration and login user should use	As expected	Pass
TC2	Login	Login With valid data	Username-siddharthlele password-siddharth@123	User should login and directed to Document search page	As expected	Pass
		Login With invalid data	Username-siddharthlele password-sid@123	User should not login	As expected	Pass
TC3	Logout	Click on Logout button	User clicked log out button	User successfully logged out & redirected to login page successfully	As expected	Pass
TC4	Search document	Searched document is already there in database	User clicked “search document” button.	User successfully view the searched document	As expected	Pass
	Search document	Searched document is not there in database	User clicked “search document” button	User cannot view the searched document	As expected	Pass

TC5	Document view	Click On “view document option”	Valuer clicked on “view Document” button.	Valuer successfully viewed the document	As expected	Pass
TC6	Document Upload	Click On “upload document button”	Valuer clicked on “Upload Document” button	Valuer’s successfully upload the document	As expected	Pass
	Document Upload	Click On “upload document button”	Valuer clicked on “Upload Document” button and document is already exist in database	Valuer’s cannot upload the document that is already exist	As expected	Pass
TC7	Valuer and user management by admin	Admin clicked on user/valuer’s option in admin panel	Admin clicked on Valuer’s option	Valuer’s gets added/deleted successfully	As expected	Pass
	Valuer and user management by admin	Admin clicked on user/valuer’s option in admin panel	Admin clicked on User’s option	User’s get added/deleted successfully	As expected	Pass

5. Reports

Document details in admin panel

127.0.0.1:8000/admin/indexlldocument/indexiidoc/

Django administration WELCOME, ADMIN VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Indexlldocument > Index i docs

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

INDEXIIDOCUMENT

Index i docs + Add

USERS

Users + Add

Select index i idoc to change

Action: 0 of 4 selected

☐ INDEX I IDOC

☐ Indexlldoc object (fdff1f19-7c32-4f61-86fe-ead2fb9994c)

☐ Indexlldoc object (ea9122df-cc8a-458f-9af9-edd5af123040)

☐ Indexlldoc object (b8e37cbe-7e55-4c7c-932e-c9dc4e73773e)

☐ Indexlldoc object (36c69901-f177-45d8-bfd1-d090d9c879a7)

4 index i idocs

ADD INDEX I IDOC +

FILTER

↓ By added by

All

test2

OCR@111

test3

admin

sohamlele

↓ By serialNo

All

105/2022

14695/2022

1507/2022

5879/2022

User's entries in admin panel

127.0.0.1:8000/admin/users/customuser/

Django administration WELCOME, ADMIN VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Users > Users

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

INDEXIIDOCUMENT

Index i docs + Add

USERS

Users + Add

Select user to change

Action: 0 of 5 selected

☐ USER

☐ sohamlele

☐ admin

☐ test3

☐ OCR@111

☐ test2

5 users

ADD USER +

6. Drawbacks and limitations

- Currently this portal is not fully compatible more functionalities are yet to be implement this portal
- Also this portal is not in customized form it has simple UI
- The document OCR is only applicable for English language documents we cannot extract data from regional language IndexedII documents. so it not useful for regional documents.

7. Future enhancement and conclusion

7.1 Future Enhancement

- Integration of payment gateway which is required when guest user download the document.
- Increase accuracy and optimize OCR(Optical Character Recognition) using some algorithms.

7.2 Conclusion

- Our portal can is a best for valuer's association. valuer's can manage different user's amongst different states. with the help of this portal user's can get the required document easily without doing much efforts. Also Data is kept secured and cannot share without permission.

8. Bibliography

- For Django -

<https://pylessons.com/django-website>

<https://www.youtube.com/watch?v=JxzZxdht-XY>

- For OCR-

<https://pypi.org/project/table-ocr/>

<https://pypi.org/project/pytesseract/>

<https://github.com/tesseract-ocr/tesseract>

For GUI(Bootstrap) -

<https://getbootstrap.com>

<https://www.w3schools.com/bootstrap/>

Thank

You...!!