

APARTMENT MANAGEMENT SYSTEM

Description:

Welcome to the Apartment Management System repository! This desktop software offers a comprehensive solution for efficiently managing various aspects of apartment complexes. Developed using Python, specifically leveraging the Tkinter library for GUI design, this software provides an intuitive interface for users to navigate and manage new residents, apartment and building maintenance tasks seamlessly.

Key Features:

Home Page: Gives the user 3 options which are admin login, resident login and guest login.

Admin Login: Consists of fields to enter username and password. If both are valid direct to Admin pages.

Resident login: Consists of fields to enter username and password. If both are valid direct to respective profile pages.

Admin page: Consists of five options which are view resident, add resident, remove resident, view maintenance, edit maintenance. It will redirect respective pages after selecting them

Resident page: Consists of respective resident's details.

Guests page: Able to view details of unoccupied houses and contact details

How to access this software?

Install Python language from

<https://www.python.org/downloads/>

Clone the repository or the zip file uploaded.

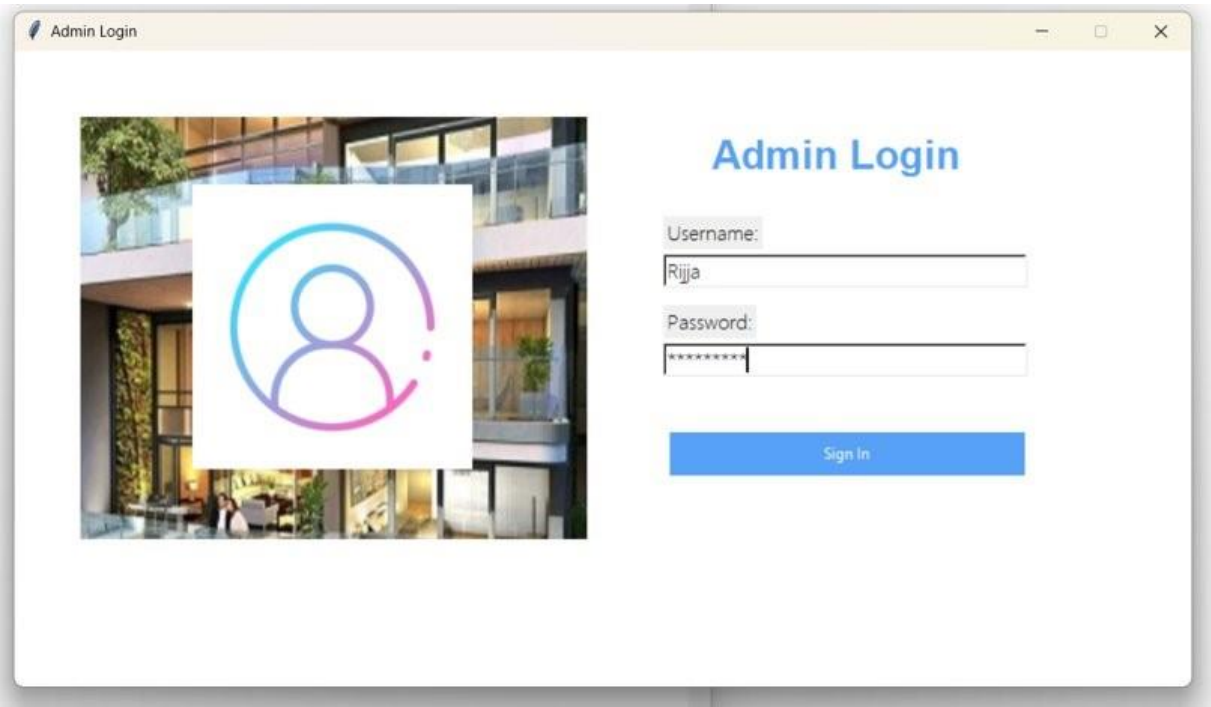
Install Tkinter if visual studio or any other interpreter. If idle not required.

Looking at the screenshot follow the steps

FOR APARTMENT HOME PAGE



FOR ADMIN LOGIN



FOR ADMIN HOME PAGE



FOR ADD RESIDENT

The screenshot shows the 'Add Residents' form. It has a title 'Add Residents' in blue text. Below the title, there are eight input fields arranged in two columns. The first column contains 'Name:', 'Flat No:', 'Block Name:', and 'User Name:'. The second column contains 'Password:', 'Phone No:', 'Email ID:', and 'Maintenance:'. Each field has a corresponding text input box. At the bottom center, there is a pink 'Submit' button.

Name:	<input type="text" value="Srinidhi"/>	Password:	<input type="text" value="S123dgj"/>
Flat No:	<input type="text" value="M805"/>	Phone No:	<input type="text" value="9012432657"/>
Block Name:	<input type="text" value="Magenta"/>	Email ID:	<input type="text" value="srinddhi2@gmail.com"/>
User Name:	<input type="text" value="Srindhi"/>	Maintenance:	<input type="text" value="5000"/>

FOR REMOVE RESIDENT

Remove Resident

Remove Resident

Flat No:

Block Name:

FOR RESIDENT DETAILS

Resident details

RESIDENT DETAILS

Block Name	Flat No	Name	Contact No	Email ID
Magenta	M101	Tariq	9010588157	tariqsknsp@gmail.com
	M102	Syed	7452409304	syedsns@gmail.com
	M103	Vijay	6385095923	vijaysns@gmail.com
	M104	Sandhya	9718092648	sandhyasns@gmail.com
	M105	Geetha	9534112806	geethasns@gmail.com
	M201	Srinidhi VG	9354835486	srindhi@gmail.com
	M202	Murari	8103990774	murarisns@gmail.com
	M203	Arya	6116446764	aryasns@gmail.com
	M204	Santhosh	9510184203	santhosh@gmail.com

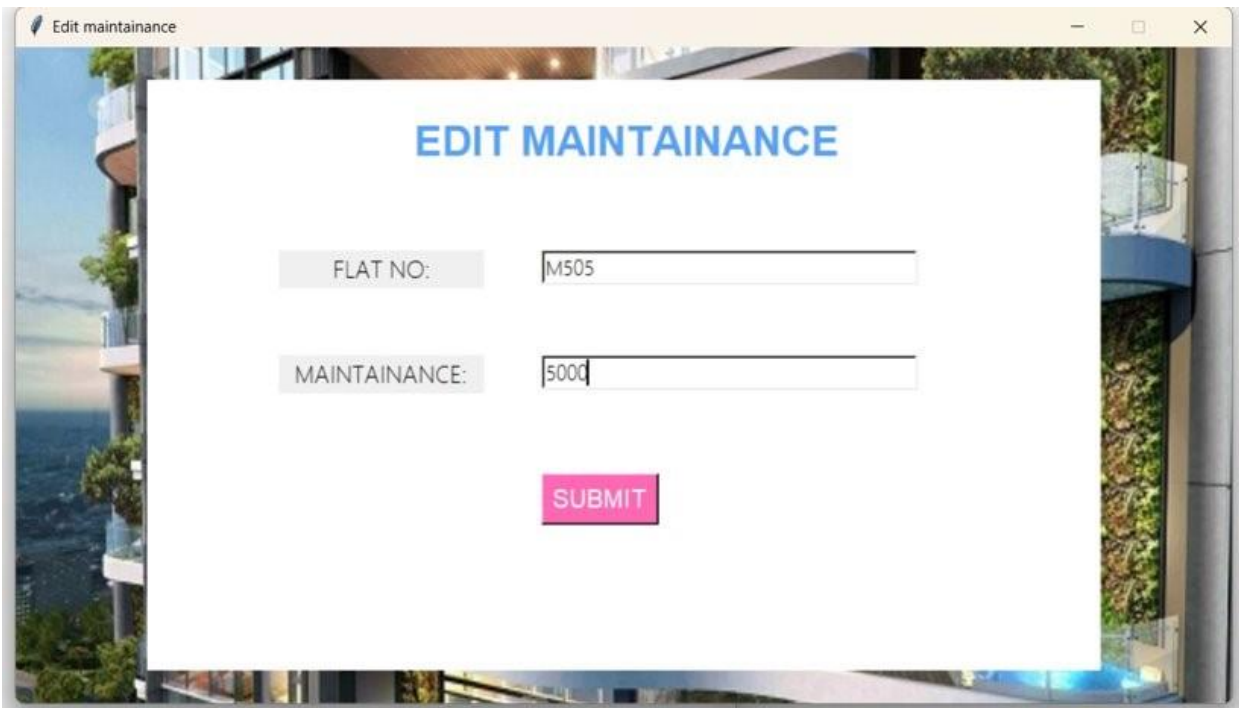
FOR VIEW MAINTENANCE



The screenshot shows a web application window titled "Maintenance". Inside, there is a modal box with the heading "MAINTENANCE" in blue. Below the heading is a table with four columns: "Block Name", "Name", "Flat No", and "Maintenance". The table has two main sections: "Magenta" and "Turquoise". The "Turquoise" section is expanded, showing a list of residents and their flat numbers and maintenance costs.

Block Name	Name	Flat No	Maintenance
Magenta			
Turquoise	Lalit	T101	0
		T102	
	Srija	T103	0
	Nyla	T104	5000
	Swapnil	T105	5000
	Deepan	T201	0
	Varshini	T202	0
	Laxman	T203	0

FOR EDIT MAINTENANCE




The screenshot shows a web application window titled "Edit maintenance". Inside, there is a modal box with the heading "EDIT MAINTAINANCE" in blue. Below the heading are two input fields: "FLAT NO:" with the value "M505" and "MAINTAINANCE:" with the value "5000". A pink "SUBMIT" button is located below the input fields.

FLAT NO:

MAINTAINANCE:

FOR RESIDENT HOME PAGE

Resident Login



The image shows a modern building facade with glass balconies and a large white square overlay in the center. Inside the square is a stylized '@' symbol logo with a blue-to-purple gradient.

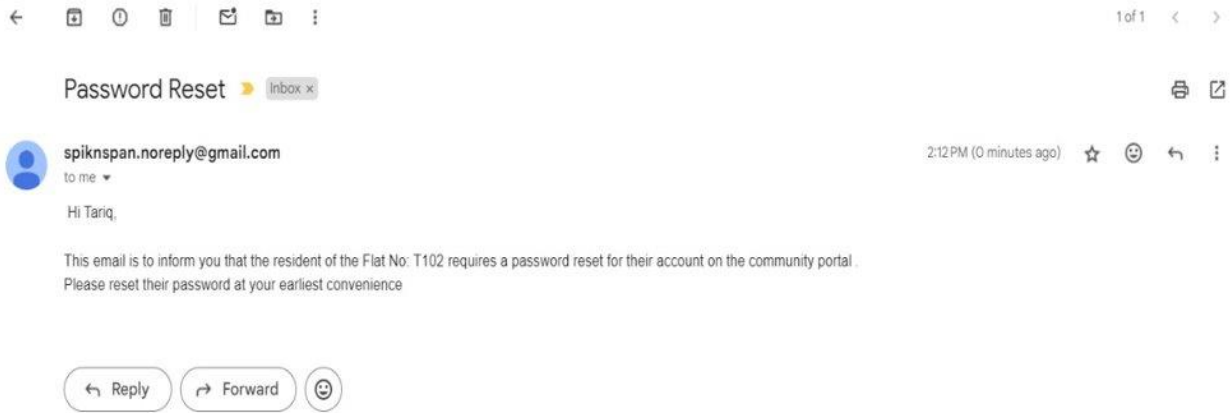
Resident Login

Username:

Password:

[Sign In](#) [Forgot Password?](#)


The image contains two side-by-side screenshots of a 'Password Reset' dialog box. The left screenshot shows the initial state where the user is prompted to 'Enter your Flat Number:' with an empty text input field and 'OK' and 'Cancel' buttons. The right screenshot shows the state after the user has entered their details, displaying an information icon and the message: 'Your details have been forwarded. The administrator will reset the password shortly', with an 'OK' button at the bottom right.



FOR PROFILE PAGE

Resident Profile

PROFILE




NAME: Abhinandha
BLOCK NAME: Magenta
FLAT NO: M701
PHONE NO: 9394176641
Email ID: abhinandha@gmail.com
MAINTENANCE : 10000

FOR GUEST HOME PAGE

Guest Home Page

SPIK AND SPAN
GUEST LOGIN



For details contact:
Tariq
9019901122
spiknspan2024@gmail.com
Spik And Span
Kalaivanar Street
Ramnagar North Extn
Madipakkam
Chennai-600091

VACANT HOUSES

Block name	Flat no
▼ Magenta (3 BHK)	M402 M501 M604 M1003
▼ Turquoise(2 BHK)	T101 T302 T801 T904

Whether you're a property manager, a receptionist, or part of the maintenance team, this Apartment Management System simplifies the process of managing apartment complexes, streamlining hall bookings and building maintenance tasks effectively. Feel

free to explore the codebase, contribute to enhancements, or utilize it for your apartment management needs!