

# DNS SERVER SYSTEM USER MANUAL

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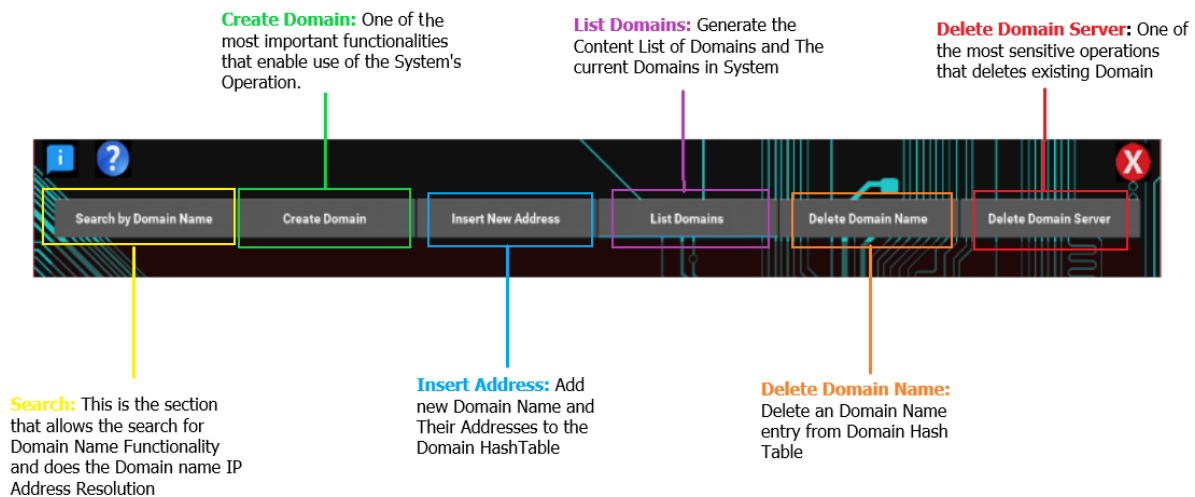
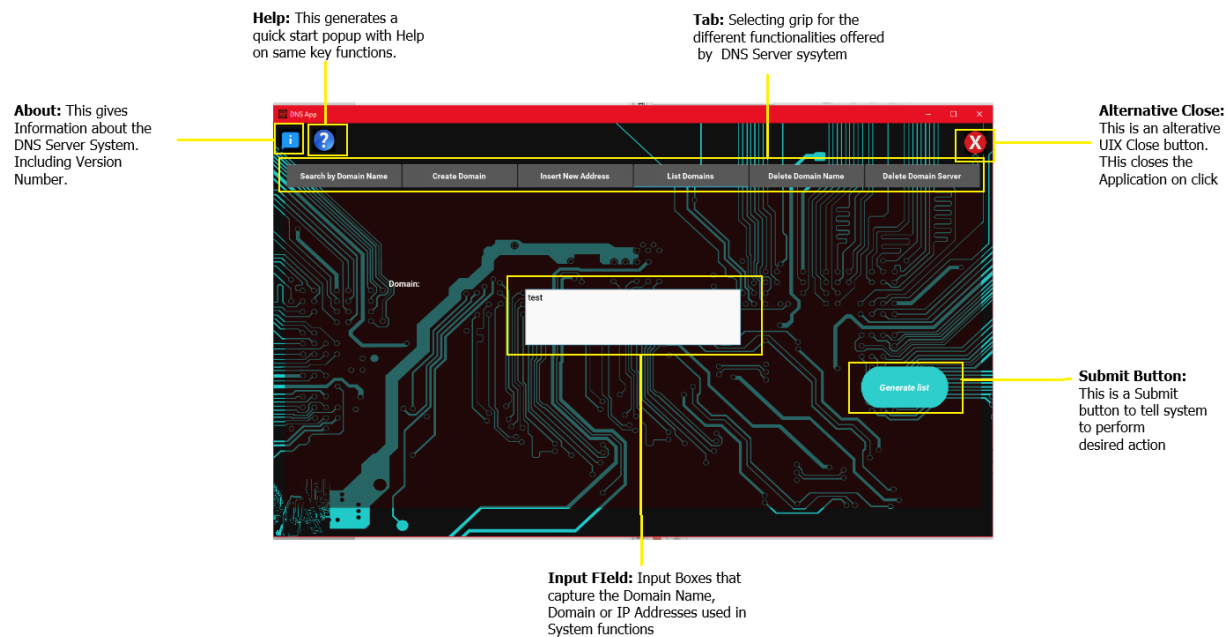
## Getting Started

To get started with using the DNS Server System, follow the setup steps and read through this user manual.

1. Setting Up the System.
  - a) Unzip DNS\_SERVER\_SYSTEM.rar
  - b) Run DnsApp.exe

## User Interface

This is the Human-Computer Interactive Part of the System. This is what allows the user to interact with the System. This makes using System Logic, user-friendly.



Figures above show the User Interface of the System.

## How to Use DNS Server System

This System allows the user to create a Domain and manage it.

The DNS Server System has the following features:

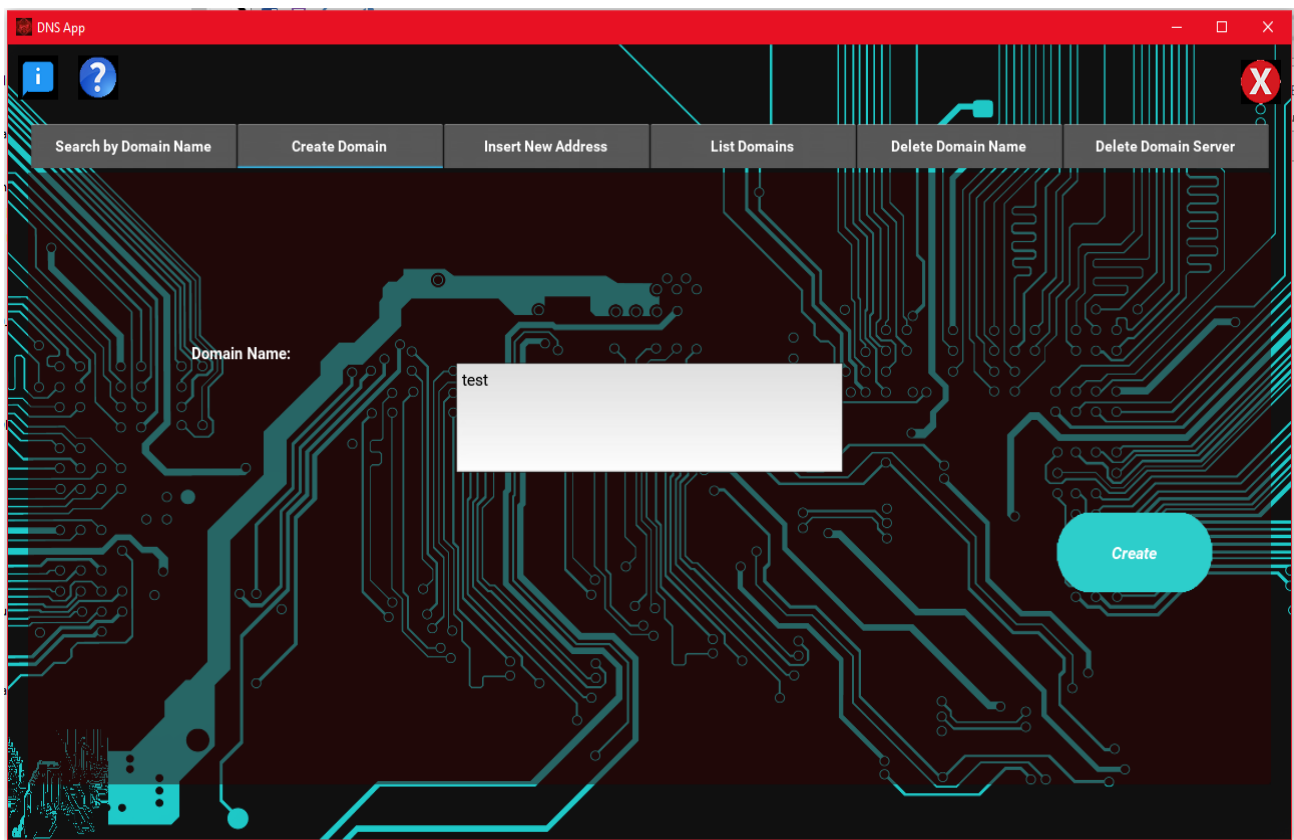
- 1) Create Domain
- 2) Insert Domain Names
- 3) Search Domain
- 4) Get Information about Domains
- 5) Delete Domain Names
- 6) Delete Domain

Below is the breakdown of how to use the features stated above:

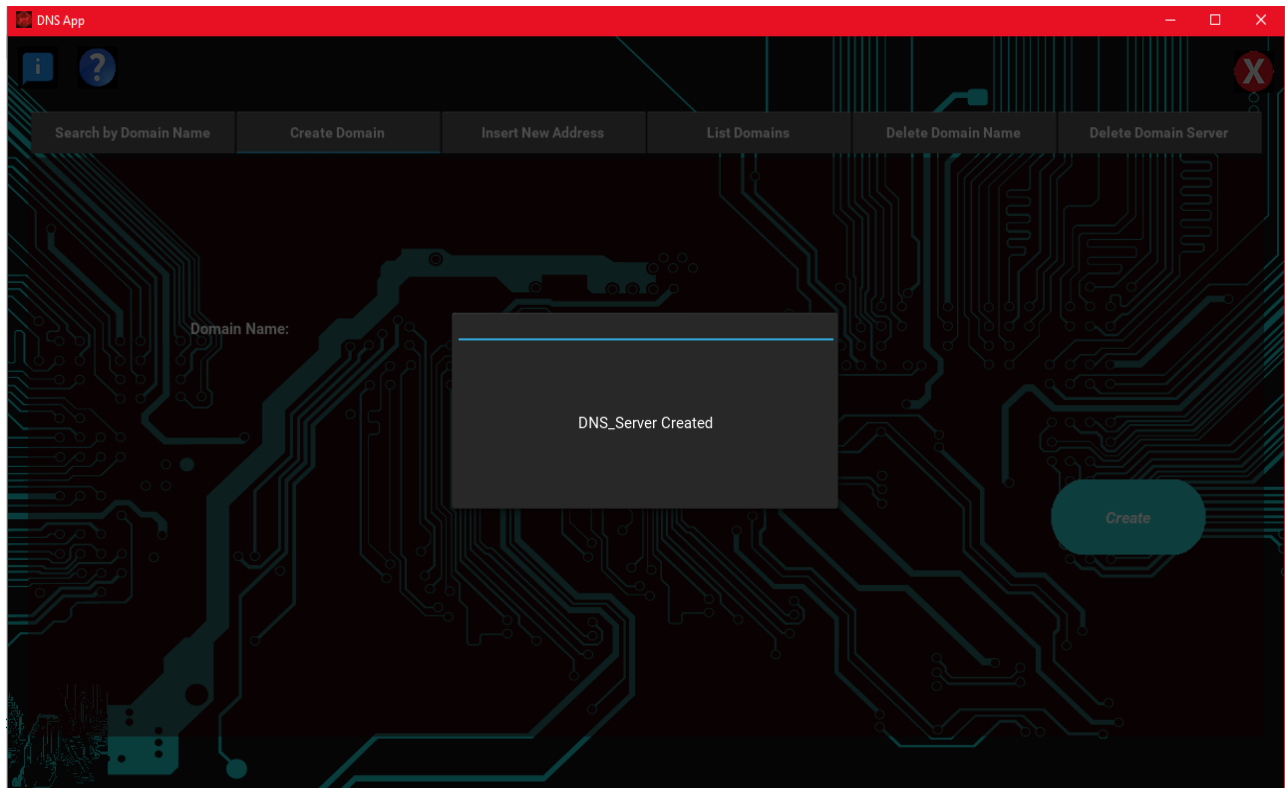
### Create Domain

To create a Domain, Perform the following steps:

- i) Go to **Create Domain** Tab
- ii) Enter Domain Name in Input box and click **Create** button
- iii) If successful, the system displays a popup confirming creation
  - Creating Domain **test**.



- Confirmed Creation

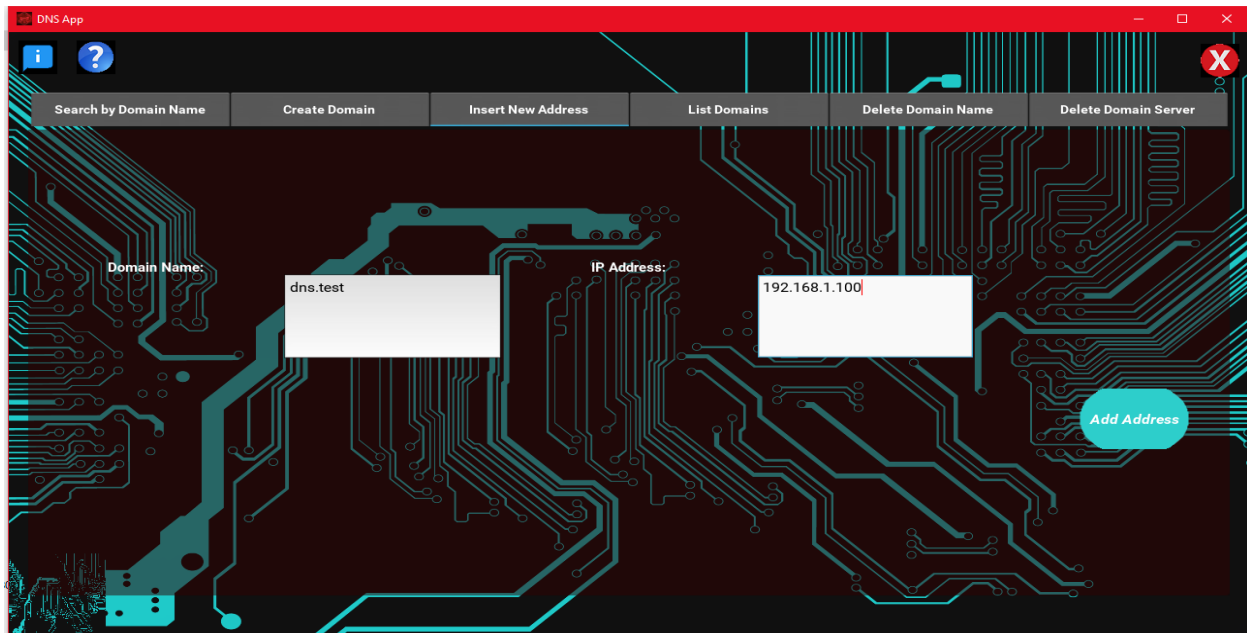


### Insert Domain Names

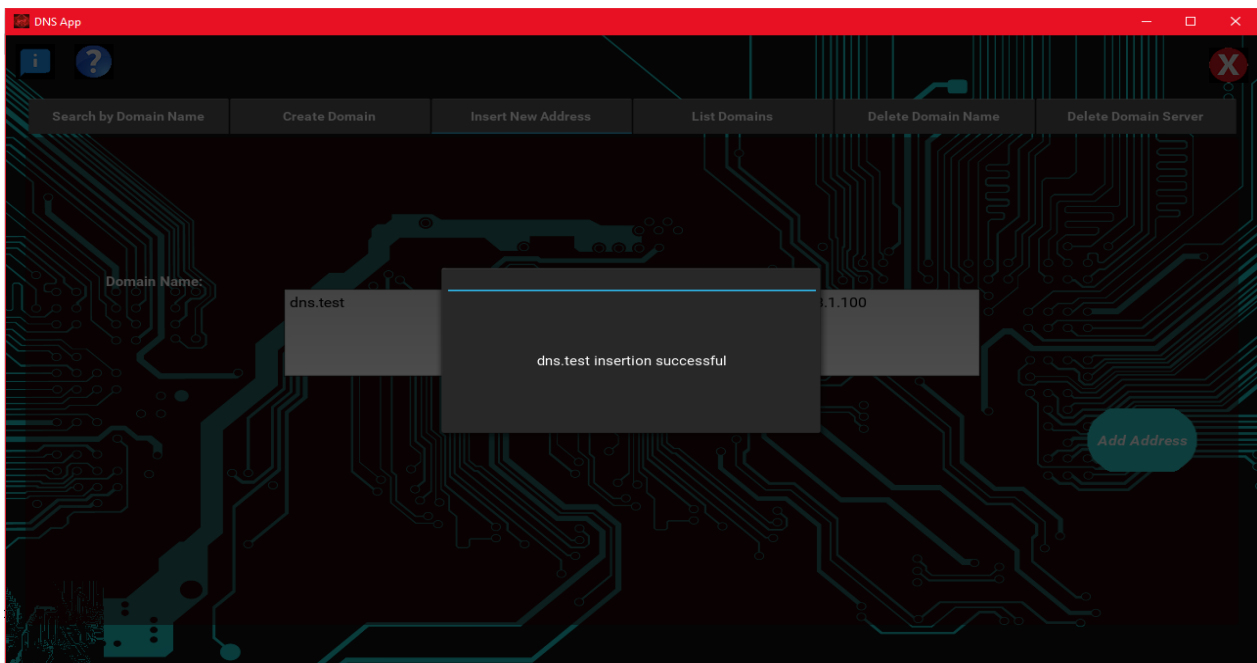
To Insert a Domain Name and IP Address record, do as below:

- Go to **Insert New Address** Tab
- Enter Domain Name (**format: <name>.<subdomain>.<upper domain>**) and Corresponding Address
- Click the **Add Address** Button
- System will confirm if successful or flag if Domain is non-existent in System.
- If Domain does not exist, create it then retry insert.

- Adding **dns.test** to test Domain with address **192.168.1.100**



- If successful:



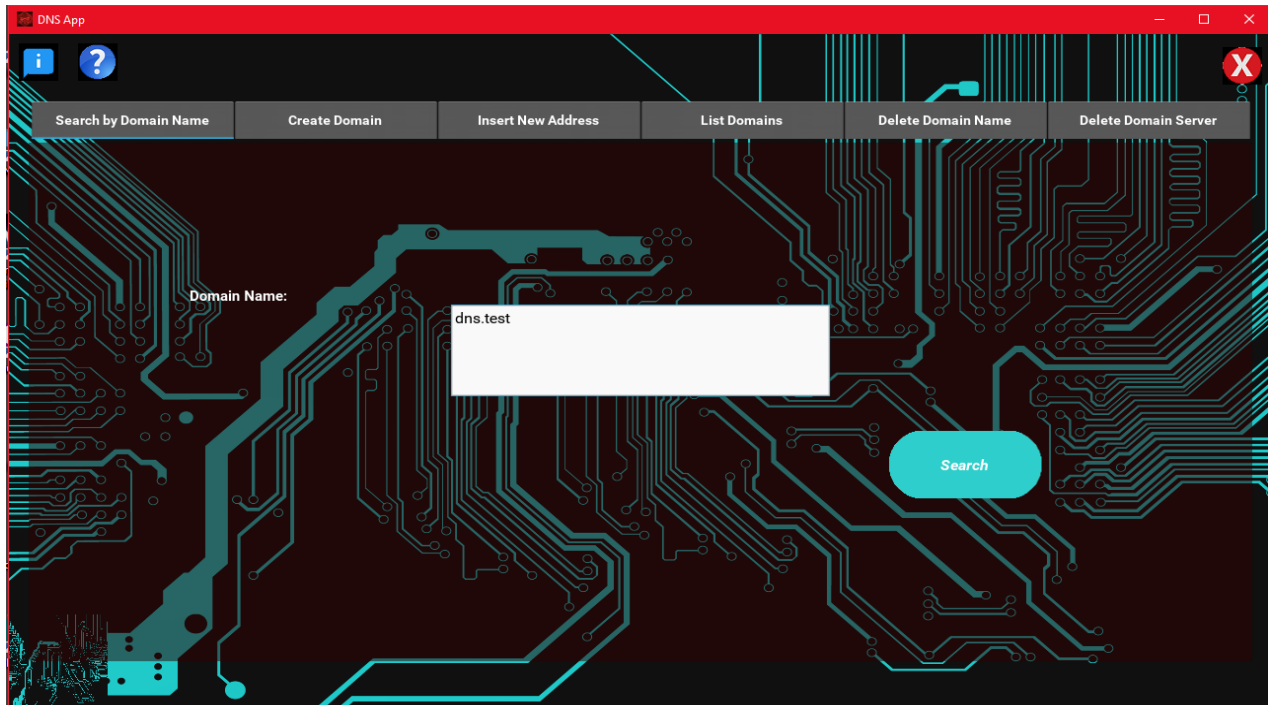
## Search Domain

To Use the search function, follow the steps below:

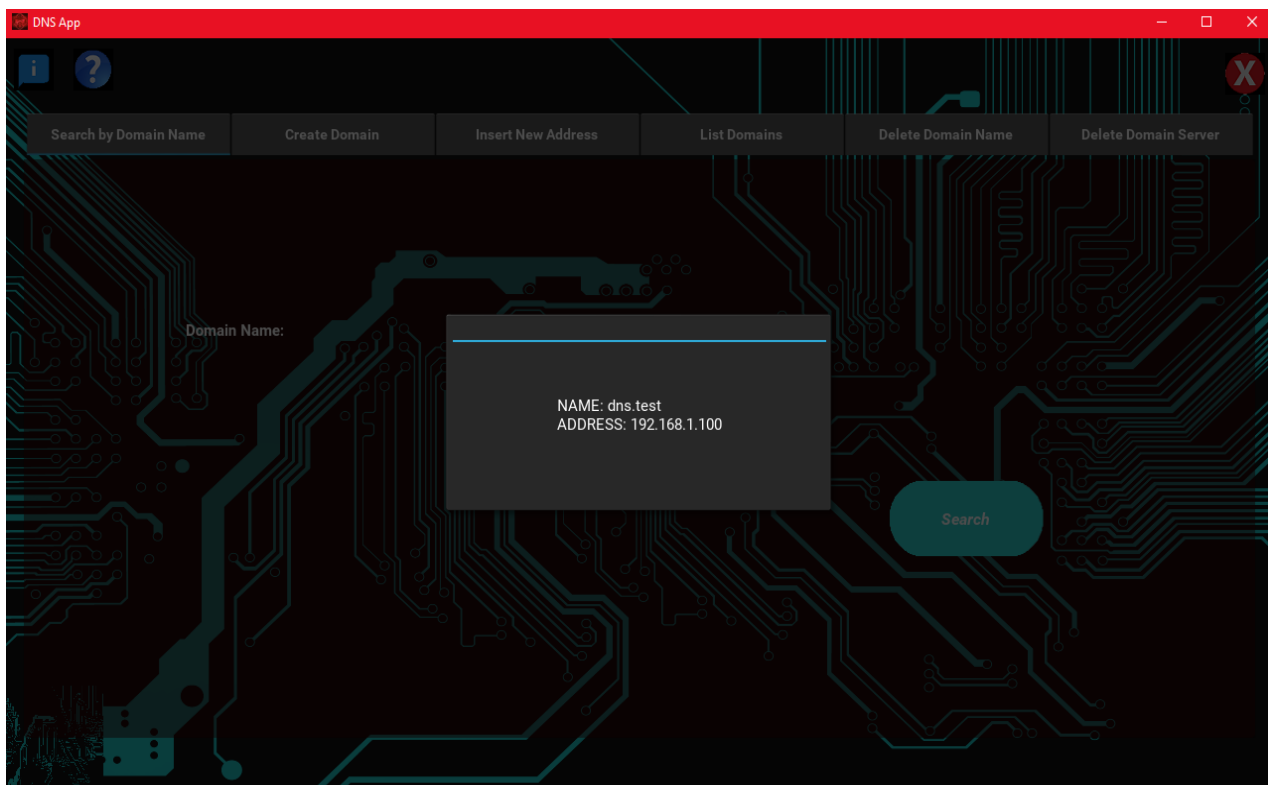
- Go to **Search by Domain Name** Tab
- Enter Domain Name you wish to search for. (**format:**  
**<name>.<subdomain>.<upper domain>**)
- Click the **Search** Button

iv) The System will display Domain Name and IP Address if present. Otherwise will display that it was not found.

- Search for **dns.test**

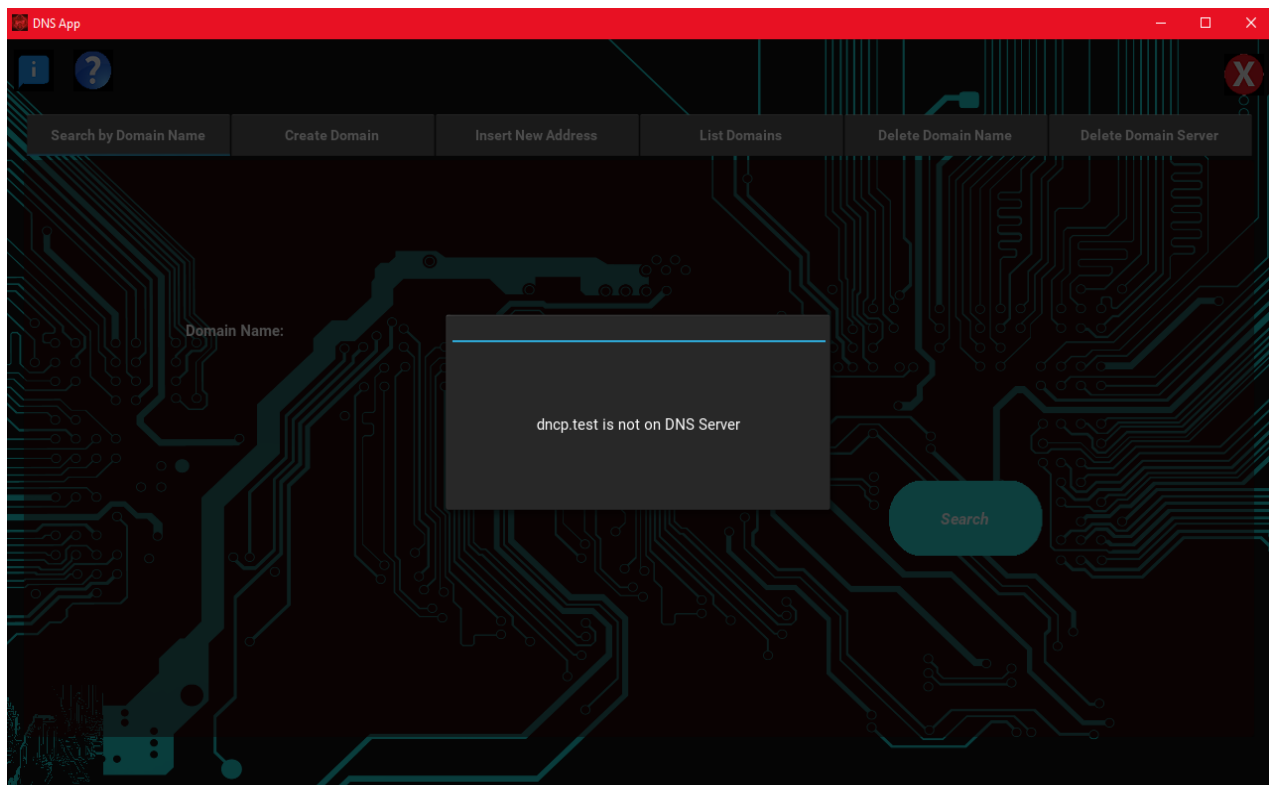


- If found





- If not found

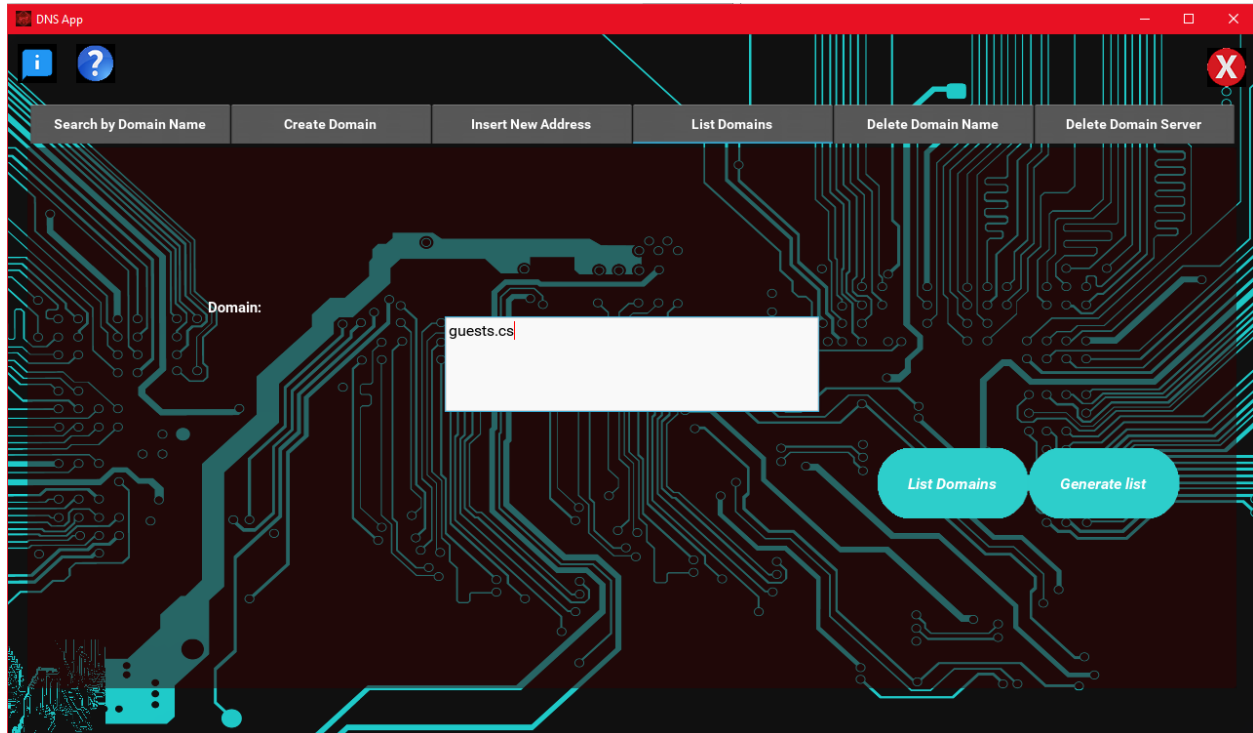


### Get Information about Domains

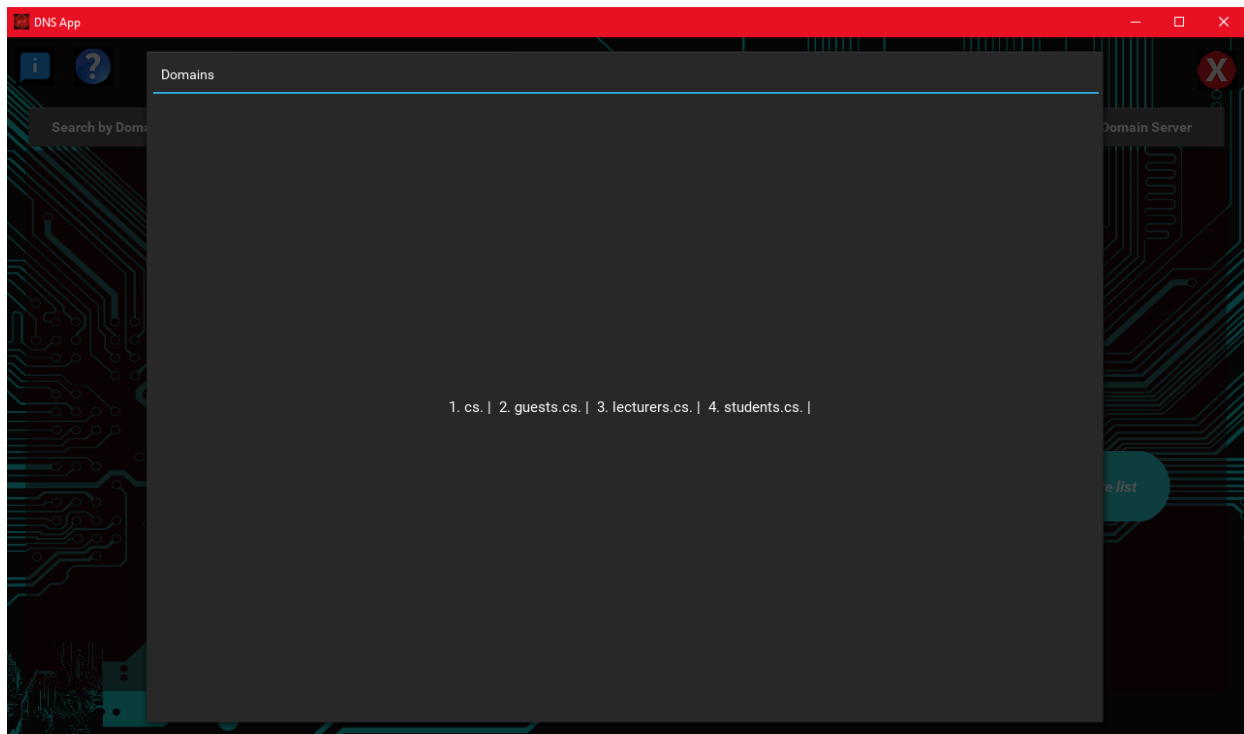
To get information about domains, do the following:

- Generate List of Domain Names in particular Domain
- Go to List Domains Tab
- Enter Domain Name you wish to delete. (**format: <name>.<subdomain>.<upper domain>**)
- Click the **Generate List** Button
- Existing Domains are List on the click of the **List Domains** Button.  
This feature does not required input

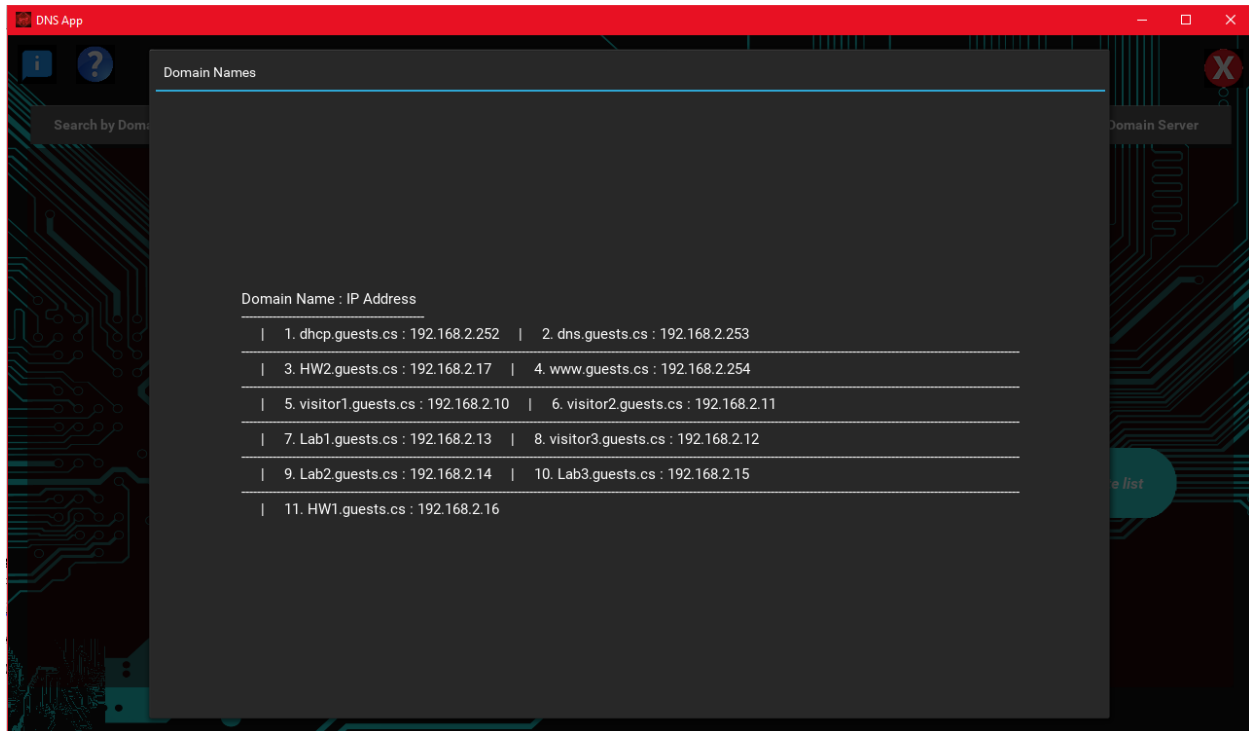
- Generate list of domain names in **guests.cs**



- List Existing Domain



- List Content Of Domain Hash Table

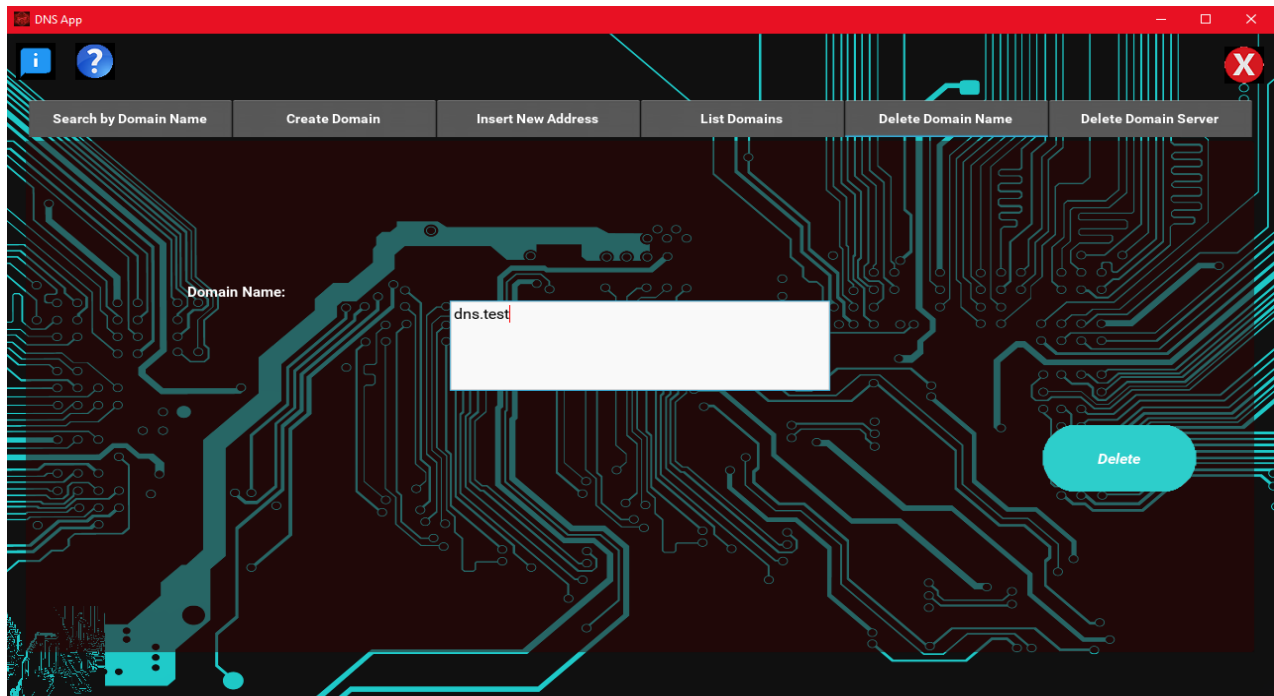


## Delete Domain Names

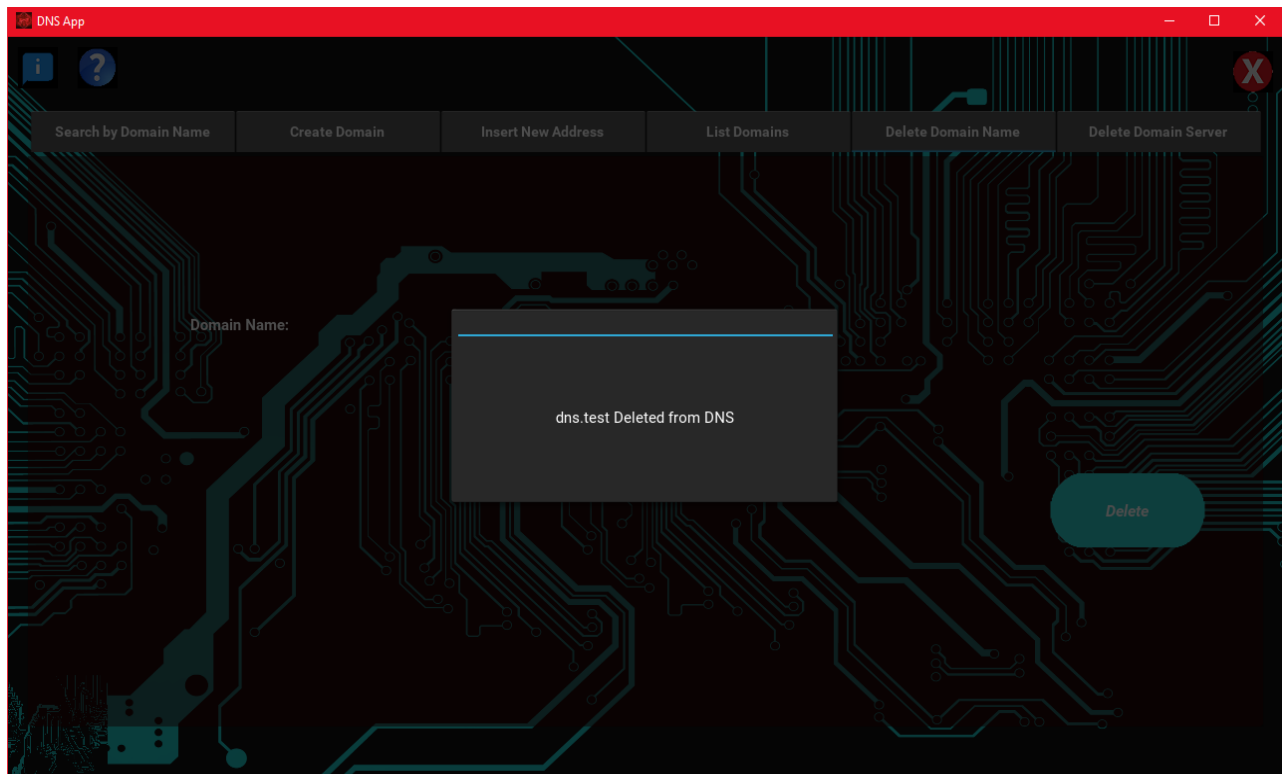
To delete Domain Names, Take these steps:

- Go to **Delete Domain Name** Tab
- Enter Domain Name you wish to delete. (**format:**  
**<name>.<subdomain>.<upper domain>**)
- Click the **Delete** Button
- If successful, System Will display confirmed deletion. Otherwise will display that entry is either not on server or was deleted.

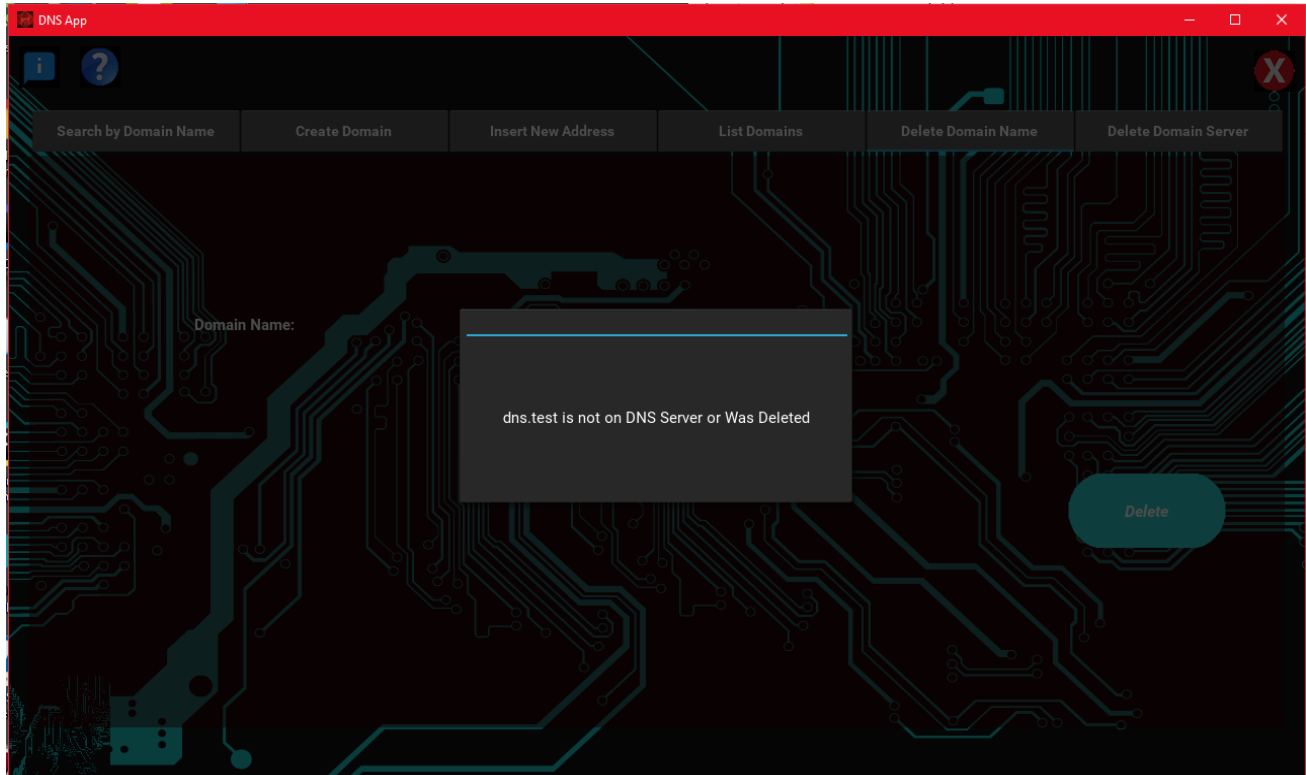
- Deleting **dns.test**



- If successful



- If not successful



## Delete Domain

The steps below are to be performed to achieve the deletion of a Domain:

- Go to **Delete Domain Server** Tab
- Enter Domain Name you wish to delete. (**format: <subdomain>.<upper domain>**)
- Click the **Delete** Button
- If successful, System Will display confirmed deletion. Otherwise will display that DNS is not found.