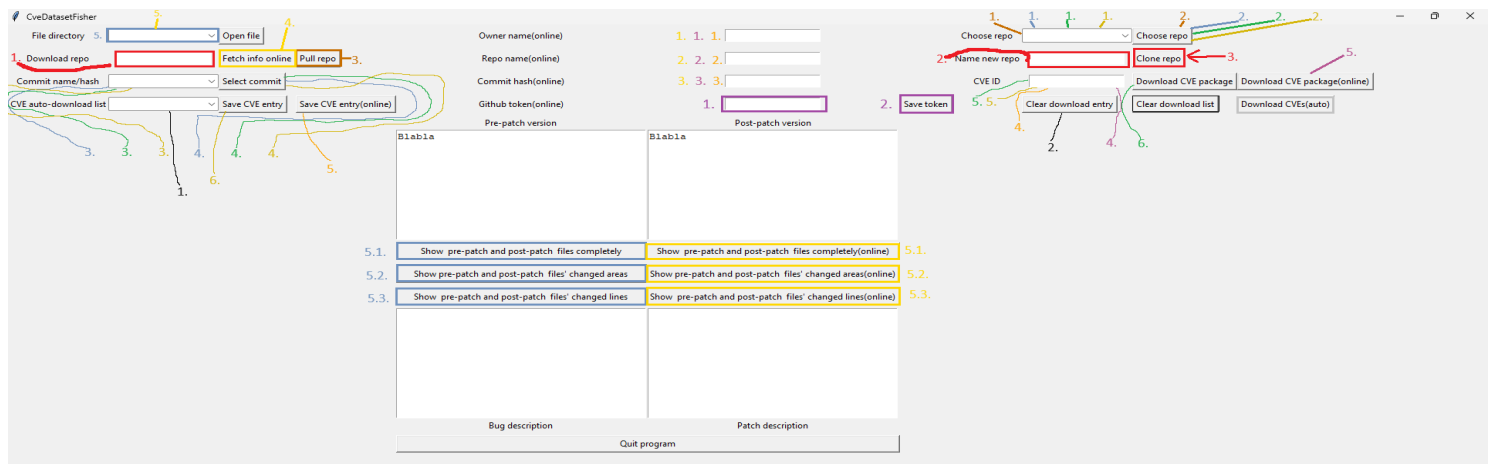**Please read through all the instructions to understand how to handle the application!!!**

This screenshots helps you understand the different steps, seperately represented by different colors.

1st case, Case Downloadable Repository:

Repo Download(v):
1.Paste or insert the Github URL of the repository into the "Download repo" text field.
2.Enter the name of the new repository in the "Name new repo" text field.
3.Click on the "Clone repo" button. For the repo dropdown to be updated, the application gets restarted.

File Comparison(v):
1.Select the repository by name from the dropdown menu or enter the name in the "Choose repo" text field.
2.Click on the "Choose repo" button.
3.Select the commit hash from the dropdown menu or enter it in the "Select commit name/hash" text field.
4.Click on the "Select commit" button.
5.Select the file name from the dropdown menu or enter it in the "File directory" text field.
Three left-aligned buttons are provided, each granting the following functionalities:

5.1. Show the complete contents of pre-patch and post-patch versions of a file.
('Show pre-patch and post-patch files completely' button)
5.2. Show deleted and newly inserted lines in separate text fields, with neighboring lines.
('Show pre-patch and post-patch files' changed areas' button)
5.3. Show only deleted and newly inserted lines in separate text fields.
('Show pre-patch and post-patch files' changed lines' button)

Pulling a repository(v):
1.Select the repository by name from the dropdown menu or enter the name in the "Choose repo" text field.
2.Click on the "Choose repo" button.
3.Click on the "Pull repo" button. For the pull to update the repo, the application gets restarted.

Please read through all the instructions to understand how to handle the application!!!

Generation of a CVE Entry(v):
1.Select the repository by name from the dropdown menu or enter the name in the "Choose repo" text field.
2.Click on the "Choose repo" button.
3.Select the commit hash from the dropdown menu or enter it in the "Select commit name/hash" text field.
4.Click on the "Select commit" button
5.Enter the CVE-ID in the "CVE-ID" text field. Only digits are allowed, and there must be a "-" between them. Anything else will be rejected.
6.Click on the "Download CVE package" button.

Saving of multiple CVE Entries(v):
1.Select the repository by name from the dropdown menu or enter the name in the "Choose repo" text field.
2.Click on the "Choose repo" button.
3.Select the commit hash from the dropdown menu or enter it in the "Select commit name/hash" text field.
4.Click on the "Select commit" button.
5. Enter the CVE-ID in the "CVE-ID" text field. Only digits are allowed, and there must be a "-" between them. Anything else will be rejected.
6. Click on „Save entry"-button to save it in the CVE auto-download list combobox. It will be saved in the CVE auto-download list.

2nd, Case Non-Downloadable Repository:
Saving token: (v)
1.Enter a VALID token into the „Github token(online)" text field.
2.Save it by clicking on the „Save token" button
ANNOTATION: This must be done in order to save CVE entries without downloading repos and enhance the amount of request that are also needed. Otherwise the latter will be denied or you will not be able to download much data!!!

File Comparison(v):
1.Enter the Github user's name in the "Owner name(online)" text field.
2.Enter the name of the repository belonging to the Github user in the "Repo name(online)" text field.
3.Enter the commit hash in the "Commit hash(online)" text field.
4. Click on the "Fetch info online" to generate a list of files to compare.
5.Select the file name from the dropdown menu or enter it in the "File directory" text field.Three right-aligned buttons are provided, each granting the following functionalities:

5.1. Show the complete contents of pre-patch and post-patch versions of a file.
('Show pre-patch and post-patch files completely(online)' button)
5.2. Show deleted and newly inserted lines in separate text fields, with neighboring lines.
('Show pre-patch and post-patch files' changed areas(online)' button)
5.3. Show only deleted and newly inserted lines in separate text fields.
('Show pre-patch and post-patch files' changed lines(online)' button)

Please read through all the instructions to understand how to handle the application!!!

Generation of a CVE Entry(v):
1.Enter the Github user's name in the "Owner name(online)" text field.
2.Enter the name of the repository belonging to the Github user in the "Repo name(online)" text field.
3.Enter the commit hash in the "Commit hash(online)" text field.
4.Enter the CVE-ID in the "CVE-ID" text field. Only digits are allowed, and there must be a "-" between them. Anything else will be rejected.
5.Click on the "Download CVE package(online)" button.

Saving of multiple CVE Entries(v):
1.Enter the Github user's name in the "Owner name(online)" text field.
2.Enter the name of the repository belonging to the Github user in the "Repo name(online)" text field.
3.Enter the commit hash in the "Commit hash(online)" text field.
4.Enter the CVE-ID in the "CVE-ID" text field. Only digits are allowed, and there must be a "-" between them. Anything else will be rejected.
5. Click on „Save entry(online)"-button to save it in the CVE auto-download list combobox. It will be saved in the CVE auto-download list.

Delete selected CVE entry from download list or eveything:
1. Choose an entry from the CVE auto-download list.
2. Click on "Clear download entry" button to delete it.
Alternative: To delete all saved CVE entries, click on the "Clear download list" button.

Download multiple CVE entries:
Click on the "Download CVEs(auto)" button to download multiple CVE entries. You need at least 1 entry in the "CVE auto-download list" combobox