User Manual for YouTube Downloader Application

Overview:

This user manual provides instructions for using the YouTube Downloader application. This application allows users to download videos from YouTube by providing a valid YouTube URL.

Requirements:

* Python installed (3.7 or higher)
* Required Python packages: tkinter, pytube

Installation process:

* Ensure Python is installed on your system.
* Install the required Python packages using the following commands:
* Pip install tkinter
* Pip install pytube

Launching the Application:

* Open a text editor or an Integrated Development Environment (IDE) like IDLE.
* Copy the provided code into a new Python file (e.g., youtube\_downloader.py).
* Save the file.
* Run the Python script.

Using the Application:

* Main Window:
  + When launching the application, the main window will appear.
  + The main window will have an "Open Download Window" button and an "Exit" button.
  + Click the "Open Download Window" button to access the download window.
  + Click the "Exit" button to close the application.
* Download Window:
  + The download window contains an entry to enter the YouTube URL, a "Download" button, and a "Clear" button.
  + Enter a valid YouTube URL in the entry field.
  + Click the "Download" button to initiate the download process for the specified video.
  + Click the "Clear" button to clear the entry field after it says “Download Success.”

Errors:

* If an invalid or empty YouTube URL is provided, an error message will prompt the user to enter a valid URL.

Notes/Extra Information:

* Ensure a stable internet connection while downloading videos.
* Video downloads might take some time depending on the video's length and your internet speed.
* The application supports downloading videos in the highest resolution available.
* The application uses tkinter for the graphical user interface (GUI).
* It relies on the pytube library to handle YouTube video downloads.
* Support:

For any other issues regarding the application, contact the developer or refer to the documentation of the used libraries below:

* tkinter documentation: [tkinter Documentation](https://docs.python.org/3/library/tkinter.html)
* pytube documentation: [pytube Documentation](https://pytube.io/en/latest/)

Thank you for using the YouTube Downloader application! Enjoy.