GO-GO VIDEO DOWNLOADER

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ABSTRACT

This project seeks to help the user to download any video from the web with a single click of the device and let the user play the video in their desired video player. The aim of this project is to develop such a website which takes URL as an input and download the video from the website in the device directly

KEYWORDS: Pytube, YouTube, Requests.

I.   INTRODUCTION

"Video materials provide abundant authentic samples and modeling of the target language that students can directly and easily imitate." (Canning- Wilson, 2000).

By watching videos, learners can see and hear the language they are learning in actual use in daily conversation. In addition, videos, with their visual interest and the wide variety of topics they cover, seem to be attractive to learners. Despite the abundance of technological written tools, many people still face problem in downloading videos from the web due to the lack of download support. Not all website support the feature of downloading videos from it and saving it in the device itself, for example YouTube.

The download manager is browser based which is much faster and user friendly.

In recent years online social media like face book ,Twitter, and YouTube make the space for millions of user to share information and opinion with each other with the rapidly increasing popularity, these sites have become the source of massive amount of real time data of videos ,images etc. YouTube   video

II.   METHODOLOGY

Python- pytube.

Pytube is a very serious, lightweight, dependency-free Python library (and command-line utility) for downloading YouTube Videos. It is a lightweight library written in Python. It has no third party dependencies and aims to be highly reliable. It also makes pipelining easy, allowing you to specify callback functions for different download events, such as on progress or on complete.

Finally pytube also includes a command-line utility, allowing you to quickly download videos right from terminal.

Installation:

Download using:

```
$ pip install pytube
```

Features:

- Support for Both Progressive & DASH Streams.

- Support for downloading complete playlist.

- Easily

    Register on_download-progress & on_download_complete callbacks.

- Caption Track Support.

- Outputs Caption Tracks to .srt format (SubRip Subtitle)

- Ability to Capture Thumbnail URL.

- Extensively Documented Source Code

- No Third-Party Dependencies

Request library:

Using Requests requests is a versatile HTTP library in python with various applications. One of its applications is to download a file

Features:

- One can easily download the web directories by iterating recursively through the website!

- This is a browser-independent meth and much faster!

- One can simply scrape a web page to get all the file URLs on a webpage and hence, download all files in a single command-Implementing Web Scraping in Python with Beautiful Soup.
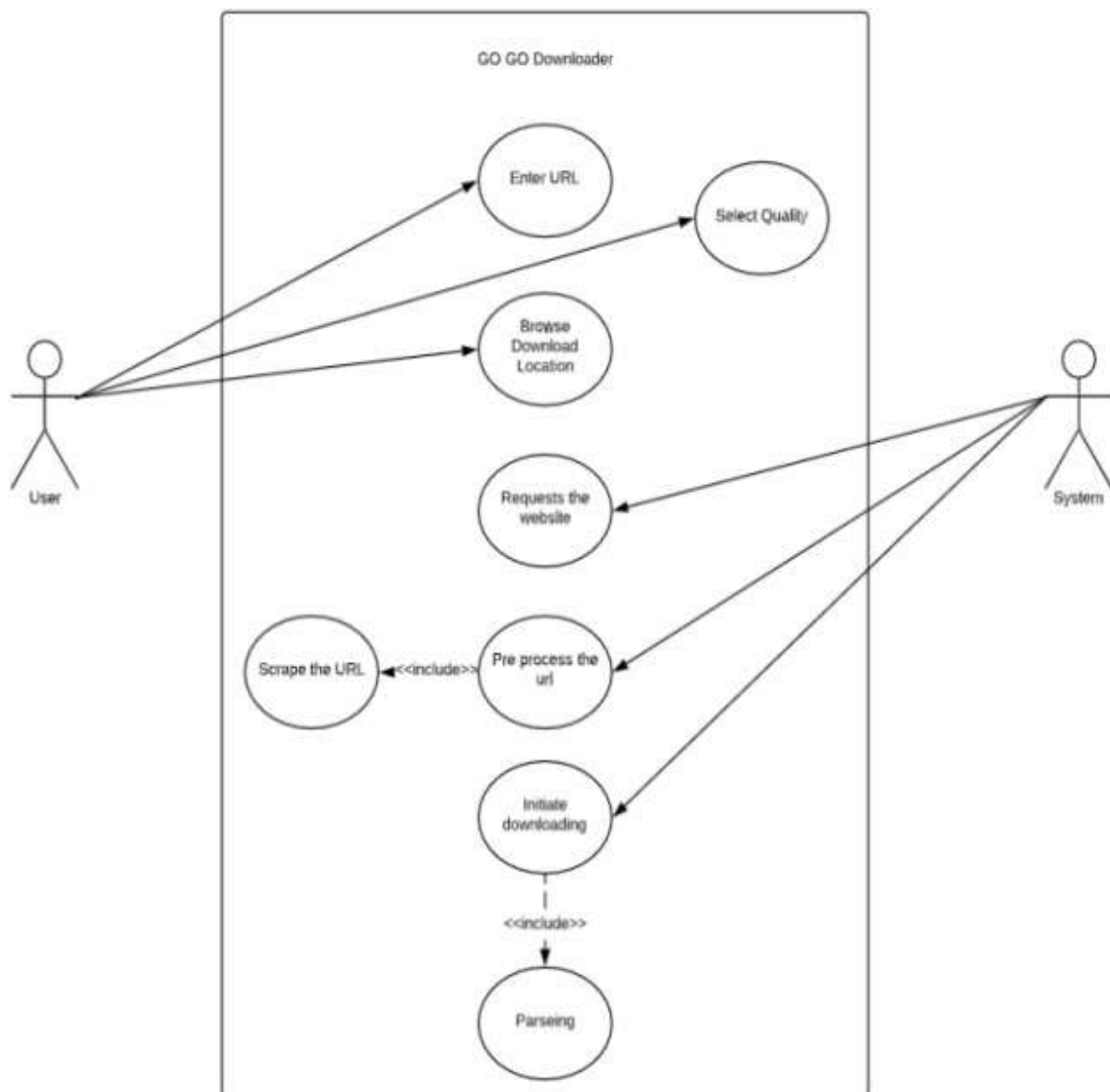
Use-case :

Fig-1

From web using the file URL.

Installation:

First of all, you would need to download the requests library. You can directly install it using pip by typing following command:

```
$pip install requests
```
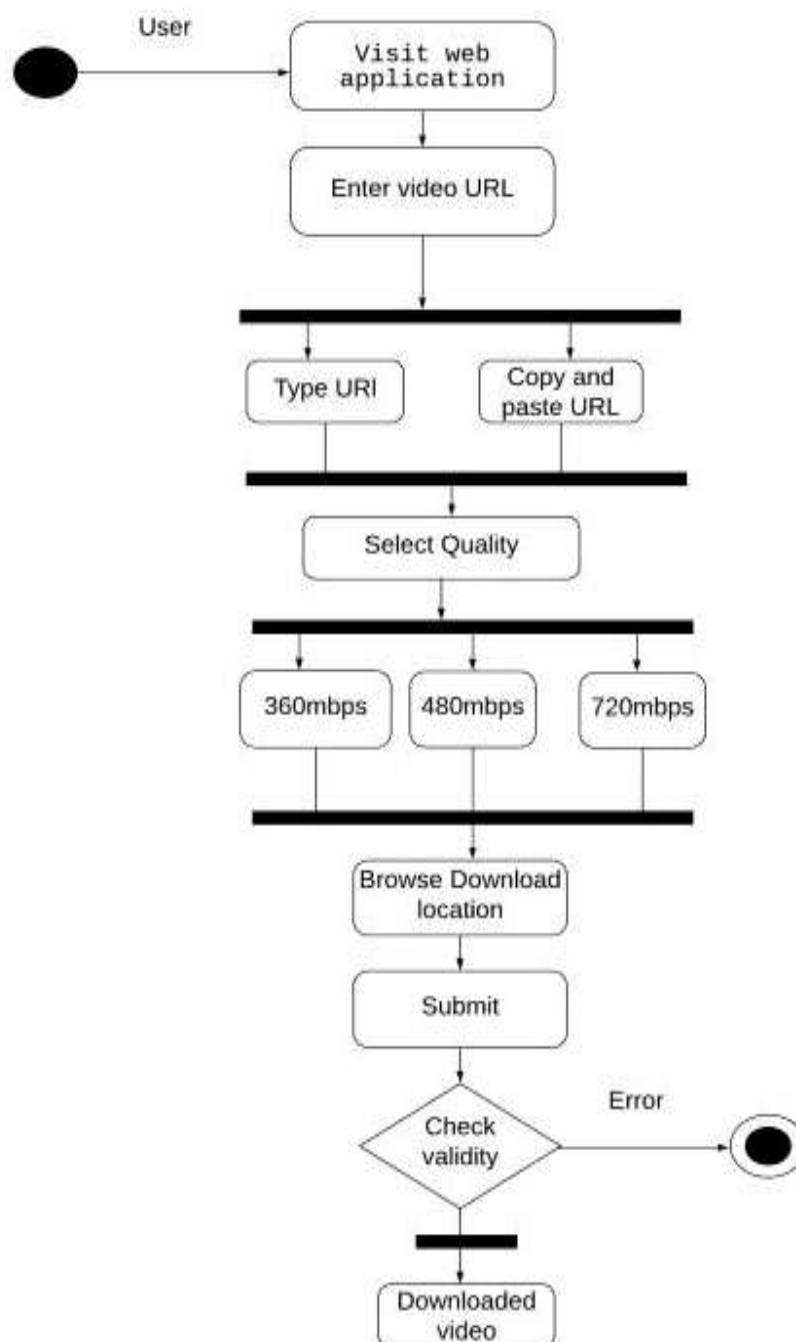
ACTIVITY DIAGRAM
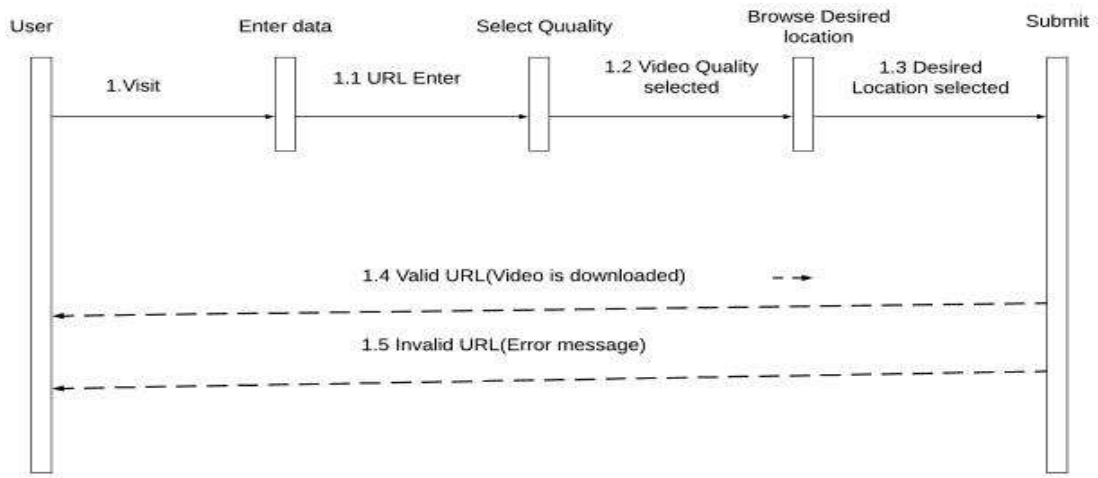

Fig-2

SEQUENCE DIAGRAM:

Fig-3

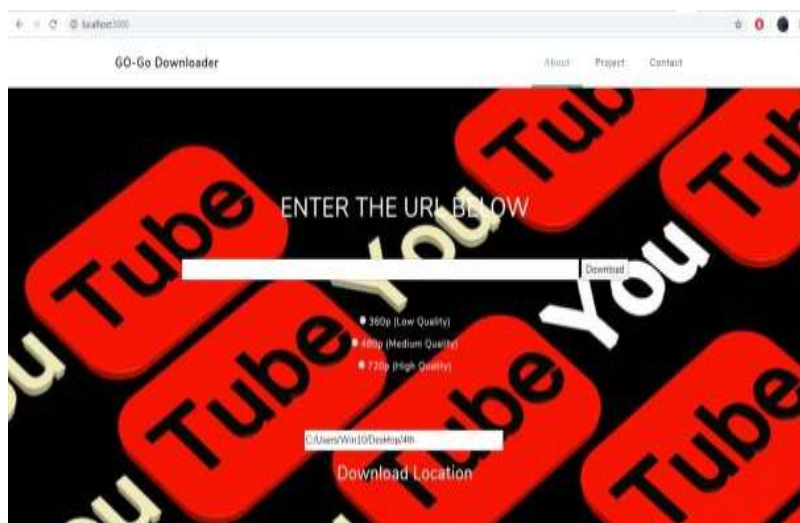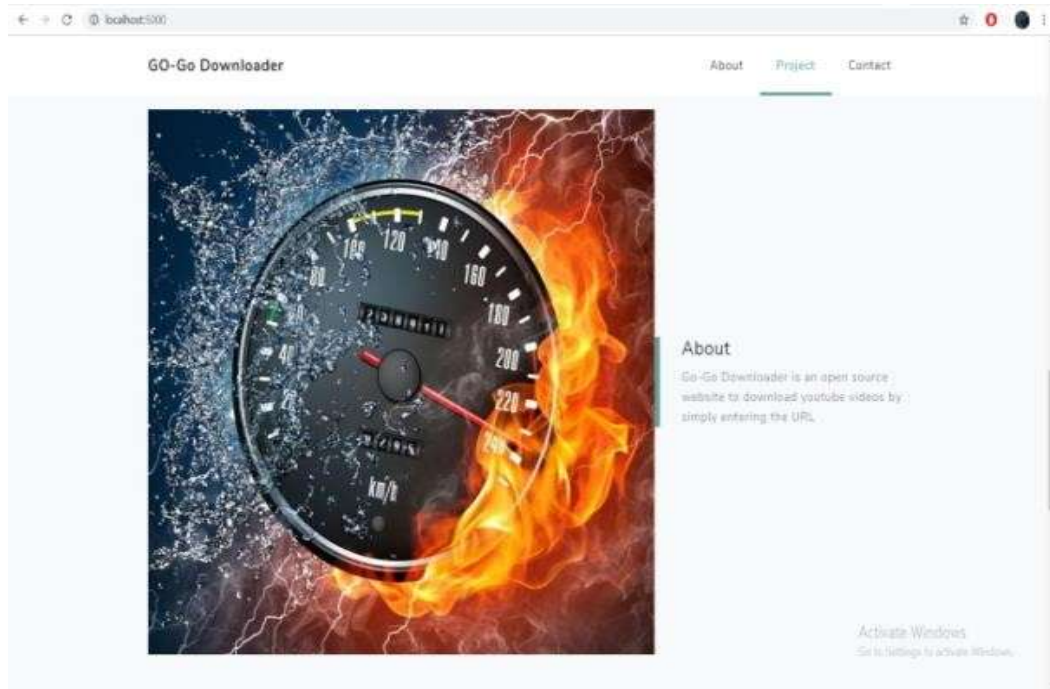## III.   RESULTS
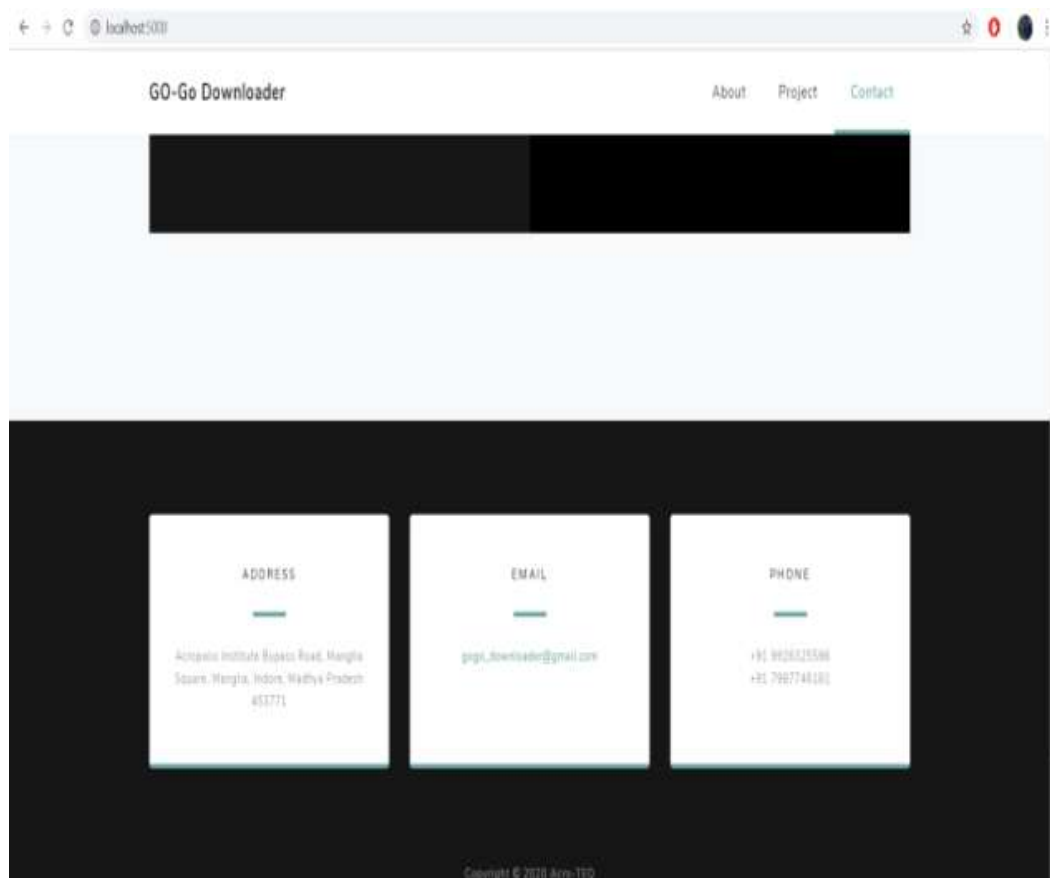

Fig-1

Fig-2

Fig-3

Fig-4

IV.   CONCLUSION

GO-GO downloader is a user Friendly website developed in python 3. Python is a widely used general-purpose, high level programming which allow use of powerful libraries and modules which are open source.

Using this powerful download manager the users will be able to download videos from the internet in any format. Browser based download manager are much more faster than other dedicated applications. Downloaded files can easily be shared and viewed in any video player. This makes the manager more reliable and effective.

This work further extended for downloading of videos from other private websites which have their different library support which is hardly difficult for each such private websites. Because of which till now it is only applicable for YouTube which is a large social platform in itself and various videos are available when needed.

V.   REFERENCES

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