Prerequisite to execute the Project

1. **Python:** The programming language used for building the application and scripting tasks.

   Visit the URL Download Python | Python.org to download and install python in the PC.

   We can get installation instructions from one of the websites by searching using the link python download and installation instructions - Search

2. **Dependent Python libraries / packages:** Install the following packages / libraries using pip or conda package manager. Eg. pip install DateTime [for windows to be typed in command window] We can take helpf from this web URL how to install python packages - Search

   a. DateTime,
   b. Regex
   c. Streamlit
   d. Pandas
   e. mysql-connector-python
   f. google-api-python-client
   g. psutil
   h. time

3. **My-SQL:** We need to install My Sql to create a database and store the You tube channel details retrieved. We can install taking help from the web URL MySQL download and installation - Search

   Note down and store the credentials like host, server, User ID, Password, etc. These are required to be entered in the credentials page for running the application.

4. **Google's You Tube API key**: This is mandatory to fetch the you tube and retrieve the details. We can follow the instructions given in the URL

   YouTube Data API Overview | Google for Developers

   Note down and store the You tube Data API key. This is also required for entry in the credentials page to run the application.