**PYTHON MINI PROJECT REVIEW – 1**

**PROBLEM STATEMENT**

Alarm Clock which launches a YouTube video-

(Program that accepts command line arguments for what time to go off, and when it does it should launch a YouTube video in your browser that will start playing. The program should read in a text file that contains URLs to different YouTube videos and will randomly choose one and launch it.)

**TEAM MEMBERS DETAILS**

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**INPUT TO THE PROJECT**

The time at which the alarm should go off is entered by the user in HH:MM:SS:AM/PM format.

Example: Python Alarm.py –t HH:MM:SS:AM/PM

**EXPECTED OUTPUT**

When the time entered by the user matches the current time the alarm should go off and launch the YouTube video by choosing one of the entered URL randomly.

**PROJECT FEATURES AND FUNCTIONALITIES**

* **Input:** The program should take the time input from the user at which the alarm should go off.
* **Validating time:** Checks if the entered time is valid or not. If the input is valid it sets the alarm. If input is not valid, the program displays an error message.
* **Alarm:** This checks if the entered time is equal to current time. If they are equal the YouTube video is launched.

**SUITABLE GUI LAYOUT**

The input by the user will be taken with the help of an interactive GUI window. This input will be redirecting to the program on the backend and the output will be displayed through the GUI window.