

# SYNOPSIS

## Social Media Utility Tool

*Submitted by*

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*In partial fulfillment of the*

*Requirements*

*For the degree of*

**Bachelor of Technology**

**In**

**Computer Science**



*Supervised By*

**Dr. Manoj Varshney**

*Department of Training and Development*

*GLA University, Mathura*

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## DECLARATION

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We hereby declare that the work which is being presented in the MINI PROJECT “**Social Media Utility Tool**”, will be fulfilled of the requirements for Mini Project viva voce, is an authentic record of my work carried under the supervision of **Dr. Manoj Varshney**.

Course: Bachelor of Technology

Branch: Computer Science

Year: III

Semester: 6<sup>th</sup>

Name of Candidate (Roll No):

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Signature of Candidates:

## ACKNOWLEDGMENT

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We would also like to thank our HOD **Mr. Anand Singh Jalal** Department of Computer Science & Engineering. GLA University, Mathura for her expert advice and counseling from time to time.

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## PROBLEM STATEMENT

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The general problems to be addressed by the Social Media Utility Tool are the following:

- a. To provide reliable and easy to use Social Media tools that manages an individual user's need.

While a number of commercially available and public domain products have solved these problems, the Social Media Utility Tool provides a solution with certain functional improvements over existing tools. Specific problem areas are the following:

- a. Scheduling message sending on a certain time.
- b. Sending email direct through the application.

The Social Media Utility Tool addresses the requirements of a particular customer. One needs a tool with a collection of features not available in any single existing tool. This aspect of the problem is one of combining a set of existing features in a way that the features have yet to be combined in another product.

Here we will be using Python for building our application.

## REASON FOR SELECTING THE TOPIC

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Basically Python has multiple features: -

1. Python's code is easy to read and understand
2. Python is quick
3. Python is Compatible
4. Facilitates Test-Driven Development
5. Strong Standard Library
6. Python Supports Big Data
7. Strong Supportive Community and Corporate Sponsors

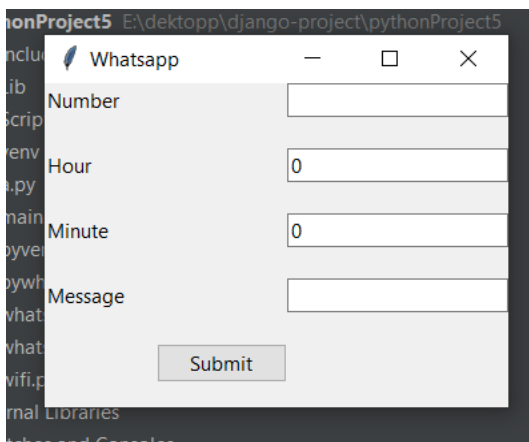
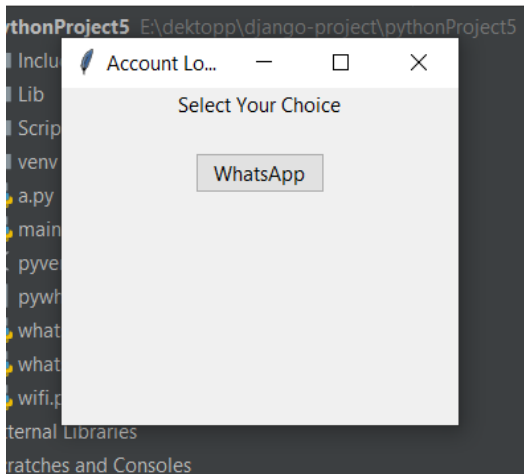
The technology we are going to use is Python and Tkinter. Our main objective for selecting this platform was to learn about it. Python library helps you quickly and easily experiment, build UIs, add features, and fix bugs faster.

## OBJECTIVE

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The main objective of creating such an application is to combine all basic applications in a single utility. Through the application you can easily schedule a whatsapp message, send email to a number of people, directly search anything on Google or can directly download a you tube video also.

1. **Home Page**-Here we will add the users that are authorized to login a new user.
2. **Login Page**- By using our credentials i.e. Id& valid password we can login to the home page. Here we can also create the new password in case we forgot the old one and can also redirect to the previous page i.e. home page.



## FUTURE SCOPE

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We are going to add other social media applications like instagram, twitter etc so to make our application more versatile and useful. In the near future we are going to add more modules and functionalities to make it a complete package. Scope for extension into a major project.

## HARDWARE AND SOFTWARE USED

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### **Hardware: -**

OS: - Mac OSX 10.10+ / Windows 7/8/10

RAM: -4GB RAM Minimum and 8GB Recommended

Hard Drive: -2GB of available disk Space minimum (500Mb for IDE + 1.5GB for Android SDK and emulator system image)

Screen Resolution: -1280x800 screen resolution

Processor: -At least i3 8<sup>th</sup> gen 1.6GHz or Faster Processor

### **Software: -**

PyCharm CE

Visual Studio Code

## TESTING TECHNOLOGY TO BE USED

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- At First Stage we are going to test out Application on our personal system.
- At Second Stage we are going to test the Application on our colleagues system as well.
- At Third and Final Stage we are going to test the Application on a group of users to check the feasibility and stability of our application.

## **THE CONTRIBUTIONS OUR PROJECT IS GOING TO MAKE**

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We are going to create an application which is a social media utility tool, which is a single application containing Different type of social media tools like whatsapp, instagram so you need not to switch to different applications, you can access all these through a single tool, which is names as Social Media Utility Tool.

## **SCOPE FOR EXTENSION INTO A MAJOR PROJECT**

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In this project we are going to create a login page and after logging in person can send a message or email or can do a Google search or can watch YouTube videos as well as download the YouTube video. After completion of this project we are going to extend our project by adding more social media applications like twitter, instagram, snapchat, Facebook etc.

## **CONCLUSION**

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At the end of the project we will be having an Application, which is working for almost all popular social media applications for the person who have logged in through UID and password.