

**KIET Group of Institutions, Ghaziabad**  
***Computer Science and Information Technology***



**Project Synopsis**  
**on**  
**News App using Python**

**SUBJECT: Python Programming (KNC - 402)**

**Submitted By:**

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**PROJECT TITLE:** News App using Python

**TECHNOLOGY USED:**

- 1) Language Used: Python
- 2) Programming tool: Visual Studio Code
- 3) Python modules used: io, webbrowser, requests, Tkinter, urllib and PIL

**BRIEF DESCRIPTION:**

- This is a simple news application using python which uses Tkinter library for GUI (Graphical User Interface) development.
- This project uses an API called News API to fetch the news from the web.

**PROBLEM STATEMENT:**

- The aim of this project is to create a GUI news application using Tkinter library. To fetch the news, News API has been used.
- News API is a simple, easy-to-use REST API that returns JSON search results for current and historic news articles published by over 80,000 worldwide sources. Worldwide Scale Search through hundreds of millions of articles in 14 languages from 55 countries.

**PROPOSED SOLUTION:**

Features of this project are as below: -

- Import modules
- Create a screen with a title
- Add labels
- Add buttons
- Create a text area for the news to be displayed
- Bind buttons to function such that on being clicked news is displayed in text area

This news app is an extremely straightforward project with a simple and easy to use GUI.

### **OUTCOME:**

- This app aims to reduce the hassle of reading news from various news resources. It will be very convenient for everyone to have all the news from around the world at one place.