

Department of Computer Science & Engineering

SYNOPSIS OF THE B.Tech. (CSE) III Year PROJECT for SE and APL-III

Tentative Title of Project: File Download Manager Using Python.

Team Details:

Team No.: 1 (B5B6)

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Problem Formulation:

Keywords- Python, PyQt5, Download Manager, File Download, Playlist Download

Objectives/Aim- To Create a robust and versatile Python desktop application using PyQt5 to serve as a comprehensive download manager.

Description (not more than 100 words)- The File Download Manager will enable users to download files , youtube videos and playlists easily and let them manage the downloads efficiently . The Application features a sleek user interface designed with PyQt5 Designer and CSS , providing elegance with intuitive functionality .

Technical Details:

Details of Methodology/ Approach of Development-

Using Python as the primary programming language and PyQt5 as the GUI framework for its robust features and cross-platform compatibility. Cover file downloading in Python with PyQt5 in dedicated sections. Implement YouTube video and playlist downloading using relevant libraries and APIs.

Tools/ Languages to be used –

Programming Language: Python.

GUI Framework: PyQt5.

Version Control: Git.

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Synopsis Status

Faculty Remark-

Approved / Approved with Changes / Not Approved

Signature -

Date:-