

Mini-Project Synopsis
Advanced Programming Lab (ICT 3166)

1. Project Title:

Interactive Billing Software

2. Team Members:

Hemang Raj , Priyanshu Pranay and Gadiraju Lalithaditya

S.I.	Full Name	Reg#	Roll#	Type of Project (research, Gaming, Social and Other)
1	Hemang Raj	200953240	59	Interactive application
2	Priyanshu Pranay	200953 170	44	
3	Gadiraju Lalithaditya	200953130	36	

3. Abstract

Write a project abstract in one paragraph. (Goals, Ideas, Step-Projects, and Tasks)

Creating an interactive billing software using GUI (tkinter) and various modules of python. We can calculate total bill based on entities such as category of product, brand name , quantity bought and other information as well. The interactive feature of this project is that customer information and product information is entered by the user and the displayed information can be saved as well as printed.

4.Details:

Which includes requirements of the Project and other details (one paragraph.)

Project requires IDLE application with tkinter enabled. Several other modules like PIL, pillow , sqlite are also required. Application takes real-time data from user .

5. Expected Result:

Application takes product information as input and displays all the costs incurred in real-time. The user also gets an option to search, save and print the bill by clicking a button.

6. Python programming Concepts used:

Explain expected results in one paragraph.

The inbuilt GUI of python(tkinter) is used to display the information in an interactive format. Several other modules are installed to facilitate the API real time display of data. For database connection as well as relevant operations required modules are also used.