

A PRELIMINARY PROJECT PLAN

ON

“(Criminal Management System)”

COURSE NAME -Programming with Python

(COURSE CODE - N1DF507C)

OF

DIPLOMA IN COMPUTER SCIENCE AND ENGINEERING

SEMESTER- 5, FALL (2024-25)



SUBMITTED TO

UNIVERSITY POLYTECHNIC, GALGOTIAS UNIVERSITY

SUBMITTED BY

(Admission no)

COURS COORDINATOR

(Sunit Kumar Jaiswal)

TAUSIF ALAM

22GPTC4060114

PRAKASH KUMAR

22GPTC4060141

RAHUL KUMAR

22GPTC4060143

RISHAV BHARTI

22GPTC4060109

CASSANDRA-LEE

22GPTC4060171

GALGOTIAS UNIVERSITY

**Plot No.2, Sector 17-A Yamuna Expressway, Greater Noida, Gautam Buddha Nagar, Uttar
Pradesh, India,**

Abstract

- Criminal record generally contains personal information about particular person along with photograph. To identify any Criminal we need some identification regarding person. We are developing this software to make this process easier than the traditional storage systems. In the modern era when everything is computerized, a Criminal Management system is very much in need so as to store data of dangerous criminals.

Purpose of this project

- The main purpose of our project is automating the traditional way of storing criminal records. Here, we could add, update and delete criminal records. We could also add, update and delete FIR details which are being filed down manually traditionally. We store all the data into a database from where we could use it further. Thus this project provides a very user friendly interface for the officials to store and manage the criminal records.

Project Objective

- This project intends to provide an effective way for storing, retrieving and managing criminal records. It also aims at providing a user friendly interface for effortless interaction with the user.

Project Scope

- This project is confined to storing, retrieving and managing criminal records. In further developments of the project, we could integrate it with AI and make features such as face detections.

The Crime management contains the following modules:

— Home —

Crime Record

- Update.
- Save Crime Record.
- Delete crime Record.
- Criminal Record.
- Search Criminal Record.
- Add criminals.
- Case ID.
- Crime Details.
- Criminal Name
- Contact
- Date/Time Of Crime.
- Birth Mark.



```
File Edit Selection View Go Run Terminal Help python
C.PY > ...
1 from tkinter import*
2 from PIL import Image,ImageTk
3 from tkinter import ttk
4
5
6
7
8
9 root=Tk()
10 root.geometry("400x300")
11 root.minsize(200,100)
12 root.title('criminal management system')
13
14
15
16 p=Label(text='CRIMINAL MANAGEMENT SYSTEM',font=('time new roman',40),bg='brown',fg='gold')
17 p.place(x=0,y=0,width=1530,height=70)
18
19
20 p1=Label(text='Our criminal justice system treats you better if you are rich and guilty than if you are poor and innocent',font=('Comic Sans MS',20),bg='white',fg='black')
21 p1.place(x=0,y=100,width=1530,height=70)
22
23 #main frame
24 f1=Frame(root,bd=2,relief=RIDGE,bg='white')
25 f1.place(x=10,y=200,width=1500,height=560)
26
27 #subframe
28 f2=LabelFrame(f1,bd=2,relief=RIDGE,text='Crime Record',font=('time new roman',15),fg='black',bg='white')
29 f2.place(x=10,y=20,width=1359,height=280)
30
31 frame = Frame(f2,height=280)
32 frame.place(x=1080,y=0,anchor='w',width=300)
33
34 # Create an object of tkinter ImageTk
35 img = ImageTk.PhotoImage(Image.open("sss.png"))
36
37 # Create a Label widget to display the text or Image
38 label = Label(frame, image = img)
```

```
File Edit Selection View Go Run Terminal Help python
C.PY x
C.PY > ...
37 label = Label(frame, image = img)
38 label.pack(padx=3,pady=3)
39
40 id=Label(f2,text="CASE ID" ,font=('arial',11),bg='white',pady=5).grid(row=0,column=0,padx=2)
41 name=Label(f2,text="CRIMINAL NAME",font=('arial',11),bg='white',pady=5).grid(row=0,column=2,padx=2)
42 mark=Label(f2,text="BIRTH MARK",font=('arial',11),bg='white',pady=5).grid(row=0,column=4,padx=2)
43 date=Label(f2,text="ARREST DATE",font=('arial',11),bg='white',pady=5).grid(row=2)
44 address=Label(f2,text="ADDRESS",font=('arial',11),bg='white',pady=5).grid(row=6)
45 criminalno=Label(f2,text="CRIMINAL NO",font=('arial',11),bg='white',pady=5).grid(row=8)
46 age=Label(f2,text="AGE",font=('arial',11),bg='white',pady=5).grid(row=10)
47 sex=Label(f2,text="SEX",font=('arial',11),bg='white',pady=5).grid(row=12)
48 dateofcrime=Label(f2,text="DATE OF CRIME",font=('arial',11),bg='white',pady=5).grid(row=2,column=2,padx=2)
49 crime=Label(f2,text="CRIME DESCRIPTION",font=('arial',11),bg='white',pady=5).grid(row=2,column=4,padx=2)
50
51
52
53 #variable class in tkinter
54
55 id_value=StringVar()
56 name_value=StringVar()
57 mark_value=StringVar()
58 date_value=StringVar()
59 address_value=StringVar()
60 criminalno_value=StringVar()
61 age_value=StringVar()
62 sex_value=StringVar()
63 dateofcrime_value=StringVar()
64 crime_value=StringVar()
65
66 identry=Entry(f2,textvariable=id_value,font=('arial')).grid(row=0,column=1,padx=2,sticky=W)
67 nameentry=Entry(f2,textvariable=name_value,font=('arial')).grid(row=0,column=3,padx=2,sticky=W)
68 markentry=Entry(f2,textvariable=mark_value,font=('arial')).grid(row=0,column=5,padx=2)
69 dateentry=Entry(f2,textvariable=date_value,font=('arial')).grid(row=2,column=1,padx=2,sticky=W)
70 addressentry=Entry(f2,textvariable=address_value,font=('arial')).grid(row=6,column=1,padx=2,sticky=W)
71 criminalnoentry=Entry(f2,textvariable=criminalno_value,font=('arial')).grid(row=8,column=1,padx=2,sticky=W)
72 ageentry=Entry(f2,textvariable=age_value,font=('arial')).grid(row=10,column=1,padx=2,sticky=W)
73 sexentry=Entry(f2,textvariable=sex_value,font=('arial')).grid(row=12,column=1,padx=2,sticky=W)
```

```
File Edit Selection View Go Run Terminal Help python
C.PY x
C.PY >...
74 dateofcrimeentry=Entry(f2,textvariable=dateofcrime_value,font=('arial')).grid(row=2,column=3,padx=2,sticky=W)
75 crimeentry=Entry(f2,textvariable=dateofcrime_value,font=('arial')).grid(row=2,column=5,padx=2,sticky=W)
76
77 #button
78 buttonframe=Frame(f2,bd=2,relief=RIDGE,bg='white')
79 buttonframe.place(x=5,y=200,width=470,height=35)
80
81 #addbutton
82 b1=Button(buttonframe,text='SAVE',font=('arial',13,'bold'),width=14,bg='blue',fg='white').grid(row=0,column=0,padx=5)
83 b2=Button(buttonframe,text='DELETE',font=('arial',13,'bold'),width=14,bg='blue',fg='white').grid(row=0,column=1,padx=5)
84 b3=Button(buttonframe,text='UPDATE',font=('arial',13,'bold'),width=14,bg='blue',fg='white').grid(row=0,column=2,padx=5)
85
86
87 f3=LabelFrame(f1,bd=2,relief=RIDGE,text='Criminal Record',font=('time new roman',15),fg='red',bg='white')
88 f3.place(x=10,y=300,width=1400,height=400)
89
90 search=LabelFrame(f3,bd=2,relief=RIDGE,text='Search criminal record',font=('time new roman',15),fg='blue',bg='white')
91 search.place(x=0,y=0,width=1470,height=50)
92
93 search_by=Label(search,font=('arial',11,'bold'),text='Search',bg='blue',fg='white')
94 search_by.grid(row=0,column=0,sticky=W)
95
96 search_box=ttk.Combobox(search,font=('arial',11,'bold'),width=20)
97 search_box['value']=('select option :','case_id','criminal_name')
98 search_box.set(0)
99 search_box.grid(row=0,column=1,sticky=W,padx=2)
100
101 table_frame=Frame(f3,bd=2,relief=RIDGE,bg='white')
102 table_frame.place(x=0,y=55,width=1500,height=180)
103
104 scrollbar=ttk.Scrollbar(table_frame,orient=HORIZONTAL)
105 scrollbar=ttk.Scrollbar(table_frame,orient=VERTICAL)
106 criminaltable=ttk.Treeview(table_frame,columns=('1','2','3','4','5','6','7','8','9'))
107 xscrollcommand=scrollbar.set
108 yscrollcommand=scrollbar.set
109 scrollbar.pack(side=BOTTOM,fill=X)
110 scrollbar.pack(side=RIGHT,fill=Y)
```



```
File Edit Selection View Go Run Terminal Help python
CPY x
CPY > _
110 scrolly.pack(side=RIGHT,fill=Y)
111
112 criminaltable.heading('1',text='case_id')
113 criminaltable.heading('2',text='criminal name')
114 criminaltable.heading('3',text='birth mark')
115 criminaltable.heading('4',text='arrest date')
116 criminaltable.heading('5',text='date of crime')
117 criminaltable.heading('6',text='crime desc')
118 criminaltable.heading('7',text='criminal no')
119 criminaltable.heading('8',text='age')
120 criminaltable.heading('9',text='sex')
121
122 criminaltable.pack(fill=BOTH)
123
124
125 root.mainloop()
126
```

criminal management system

CRIMINAL MANAGEMENT SYSTEM

Our criminal justice system treats you better if you are rich and guilty than if you are poor and innocent

Crime Record

CASE_ID

CRIMINAL NAME

BIRTH MARK

ARREST DATE

DATE OF CRIME

CRIME DESCRIPTION

ADDRESS

CRIMINAL NO

AGE

SEX

SAVE

DELETE

UPDATE



Criminal Record

Search criminal record

Search 0

case_id	criminal name	birth mark	arrest date	date of crime	crime desc	c
---------	---------------	------------	-------------	---------------	------------	---

Finance headline
Axis Bank Q3 Re...

Search

ENG
IN

19:32
16-01-2025

Time frame/Gantt Chart for the Project

The time frame for Python Project “Criminal Management System” can vary depending on the submission date. A simple Gantt Chart for ‘Criminal Management System’:

TASK	DURATION	START DATE	END DATE
Requirements Gathering	10 Days	20/07/2024	30/07/2024
Python Basic / Advances	1 Month	31/07/2024	31/08/2024
Analysis the Project Requirement	1 Month	01/09/2024	30/09/2024
Write the code Of Project	1 Month	01/10/2024	31/10/2024
Final project	1 Month	01/11/2024	01/12/2024

References “Criminal Records Ohio Information System”,

[online]. Available: <https://youtu.be/Y7bSyQUcRjA?si=DRzTQnKlfZWaCigB>
18 April 2019] [2] Archana M., et al., Online Crime Reporting System, in Int. Jnl. Of Advanced Networking and Applications(IJANA)

