

GYAN BHARATI SCHOOL

COMPUTER SCIENCE PROJECT FILE



ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION (AISSCE)

Topic :

UNIVERSITY MANAGEMENT SYSTEM

Submitted by :

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Class : XII-B

Board Roll no. :

CERTIFICATE

This is to certify that Vidul Pratap Chauhan of class 12th has successfully completed the project of Computer Science, titled as " University Management System ", for class XII practical examination of the Central Board of Secondary Education for the year 2020-21. It is further certified that this project is the individual work of the candidate Vidul Pratap Chauhan.

Mrs Neha Gaur Sharma

Computer Science Teacher

ACKNOWLEDGMENT

I would like to express my special thanks to my school Gyan Bharati, principal Nishi M. Manglik, to the management team of our school who gave me this golden opportunity to work on this wonderful project on the topic “University Management System”, and my Computer Science teacher Neha Gaur Sharma for her essential guidance and support in completing my project.

SUMMARY

This is a University Management System which allows the students to view their personal information, pending assignments, current projects, attendance, mark details, fee details, notices, announcements, news, upcoming events and about the university. Similarly, the system allows the administrators/teachers to edit all of the above mentioned information about the students including credentials. All this is packed into a simple, practical and beautiful User Interface.

DESCRIPTION

Login Page : Students/Administrators can log in using valid ID and Passwords.

Student Account Operations

- **View Personal information :** Students can see their particulars, such as full name, contact number, year, course ,blood group, admission number, parent's names and their respective contact numbers, etc.
- **View Attendance :** Students can see their attendance in terms of days present versus total working days.
- **View News/Events :** Students can get to know about upcoming events, news etc.
- **View current projects :** Students can see their projects that they need to present with the deadlines by which they need to submit the respective projects.
- **View Assignments :** Students can see pending assignments, the date when they were assigned on and the date by which they need to submit them.
- **View Mark details :** Students can see their marks and percentage obtained for all important examinations.
- **View Fee details :** Students can see the amount of pending fee (if any), the cycle of which the fee is pending, last date of payment for the fee.
- **View About :** Students can read about the university's history, heritage and achievements.
- **Change Password :** Students can change the password for the their account.
- **Logout :** Students can log out from their respective accounts.

Administrator Account Operations

- **Add Administrator account :** Administrators can create a new administrator account.
- **Add Student account :** Administrators can create a new Student account.
- **View/Edit Personal information :** Administrators can see/edit student's particulars, such as full name, contact number, year, course ,blood group, admission number, parent's names and their respective contact numbers, etc.
- **View/Edit Attendance :** Administrators can see/edit student's attendance in terms of days present versus total working days.
- **View/Edit News/Events :** Administrators can edit details about upcoming events, news etc.
- **View/Edit current projects :** Administrators can see/edit student's projects that they need to present with the deadlines by which they need to submit the respective projects.
- **View/Edit Assignments :** Administrators can see/edit student's pending assignments, the date when they were assigned on and the date by which they need to submit them.
- **View/Edit Mark details :** Administrators can see/edit student's marks and percentage obtained for all important examinations.
- **View/Edit Fee details :** Administrators can see/edit the student's amount of pending fee (if any), the cycle of which the fee is pending, last date of payment for the fee.
- **View/Edit About :** Administrators can read about the university's history, heritage and achievements as well as edit them.

- **Change Password** : Administrators can change the password for their account, other administrator accounts, as well as student accounts.
- **Password reset** : Administrators can reset their account passwords in case they forget it using their registered mobile numbers.
- **Delete Administrator account** : Administrators can delete other administrator accounts.
- **Delete Student account** : Administrators can delete student accounts.
- **Logout** : Administrators can log out of their respective accounts.

MODULES USED

- `tkinter`
- `tkinter.messagebox`
- `PIL (Image,ImageTk)`
- `random`
- `time`
- `mysql.connector (externally downloaded module)`
- `datetime`
- `twilio (externally downloaded module)`

TOOLS USED

- **Visual Studio Code** - for text editing
- **MySQL** - for database
- **Canva.com** - for graphics designing

FILES/TABLES USED

Image Files used

- p = titlelogo.png
- p1 = main.png
- p2 = adminlogin1.png
- p3 = adminlogin2.png
- p6 = divbar.png
- p7 = gobutton.png
- p8 = backbutton.png
- p9 = aiit.png
- p10 = signout.png
- p11 = profile2.png
- p12 = assignments2.png
- p13 = fee2.png
- p14 = projects2.png
- p15 = events2.png
- p16 = attendance2.png
- p17 = about2.png
- p18 = marks2.png
- p19 = passreset2.png
- p20 = hb.png
- p21 = loginbg2.png
- p23 = loginbarbg.png
- p24 = sidbar.png
- p25 = profilebg.png
- p26 = boyicon.png
- p27 = girlicon.png
- p28 = editbutton.png
- p29 = abtbg.png
- p30 = apassr.png
- p32 = spassr.png
- p33 = txbar bg.png
- p34 = marksbg.png
- p35 = +admin.png
- p36 = +student.png
- p37 = paid1.png
- p38 = paid2.png
- p39 = paid3.png

```

p40 = eventbg.png
p41 = chartlegend.png
p42 = projectbg.png
p43 = assignmentbg.png
p44 = smallbar(lightbrown).png
p45 = txbar(small).png
p46 = txbar(lightbrown).png
p48 = -administrator.png
p49 = -student.png
p50 = smallbar(black).png
p51 = savebt.png
p52 = cancelbt.png
p53 = studentlogin1.png
p54 = studentlogin2.png

```

SQL Tables Used

- slogin (stores ID and password of student accounts)

Field	Type	Null	Key	Default	Extra
id	varchar(10)	NO	PRI	NULL	
pass	varchar(10)	NO		NULL	

- adminlogin (stores ID and password of administrator accounts)

Field	Type	Null	Key	Default	Extra
id	varchar(10)	NO	PRI	NULL	
pass	varchar(15)	NO		NULL	
ph	varchar(12)	NO	UNI	NULL	

- about (stores the paragraph describing the university)

Field	Type	Null	Key	Default	Extra
text	varchar(10000)	NO		NULL	

- **sprofile** (stores information about students)

Field	Type	Null	Key	Default	Extra
sid	varchar(10)	NO	PRI	NULL	
addm_no	varchar(12)	NO		NULL	
sname	varchar(20)	NO		NULL	
pname	varchar(20)	NO		NULL	
mname	varchar(20)	NO		NULL	
sph	varchar(12)	NO		NULL	
fph	varchar(12)	NO		NULL	
mph	varchar(12)	NO		NULL	
course	varchar(30)	NO		NULL	
year	varchar(10)	NO		NULL	
gender	varchar(8)	NO		NULL	
blood_group	varchar(4)	NO		NULL	

- **attendance** (stores student's attendance)

Field	Type	Null	Key	Default	Extra
sid	varchar(10)	NO	PRI	NULL	
present	varchar(4)	NO		NULL	

- **events** (stores news/event information)

Field	Type	Null	Key	Default	Extra
Eid	varchar(5)	NO		NULL	
event	varchar(1500)	NO		NULL	
date	date	YES		NULL	

- **projects** (stores information regarding student's projects)

Field	Type	Null	Key	Default	Extra
sid	varchar(8)	NO	PRI	NULL	
t1	varchar(1500)	YES		NULL	
t2	varchar(1500)	YES		NULL	
t3	varchar(1500)	YES		NULL	
t4	varchar(1500)	YES		NULL	
t5	varchar(1500)	YES		NULL	

- **assignments** (stores information regarding student's assignments)

Field	Type	Null	Key	Default	Extra
sid	varchar(8)	NO	PRI	NULL	
a1	varchar(2000)	YES		NULL	
a2	varchar(2000)	YES		NULL	
a3	varchar(2000)	YES		NULL	
a4	varchar(2000)	YES		NULL	
a5	varchar(2000)	YES		NULL	

- **marks** (stores information regarding student's marks)

Field	Type	Null	Key	Default	Extra
sid	varchar(8)	NO	PRI	NULL	
mid1	varchar(5)	NO		NULL	
final1	varchar(5)	YES		NULL	
mid2	varchar(5)	YES		NULL	
final2	varchar(5)	YES		NULL	
mid3	varchar(5)	YES		NULL	
final3	varchar(5)	YES		NULL	
mid4	varchar(5)	YES		NULL	
final4	varchar(5)	YES		NULL	

- **fees** (stores information regarding student's fee payments)

Field	Type	Null	Key	Default	Extra
sid	varchar(10)	NO	PRI	NULL	
cycle	varchar(25)	NO		NULL	
amount	varchar(7)	YES		NULL	
status	varchar(10)	YES		NULL	
due_date	varchar(25)	YES		NULL	

SOURCE CODE

There are 3 python files in total:

- **Main.py** - The main program file
- **Start.py** - For the loading window on startup
- **Phone.py** - For Messaging functionality

START.PY

```
def init():
    import tkinter as tk
    import time as t
    win1 = tk.Tk()
    wid = int(((win1.winfo_screenwidth()*0.9875)//2)-240)
    hgt = int(((win1.winfo_screenheight()*0.95)//2)-135)
    win1.geometry('480x270+{}+{}'.format(wid, hgt))
    win1.configure(bg='#000000')
    win1.overrideredirect(True)
    frame = tk.Frame(win1, width=480, height=270, bd=0, bg='#000000')
    frame.place(relx=0.5, rely=0.5, anchor='center')
    e1 = tk.PhotoImage(file='images/start.png')
    q = tk.Label(frame, bd=0, image=e1)
    q.place(relx=0.5, rely=0.5, anchor='center')

def load():
    w = tk.Label(frame, text='Loading', font=(
        'SF Pro Display', 13), bd=0, bg='#000000', fg='#737373')
    w.place(relx=0.5, rely=0.75, anchor='center')

def dot1():
    global w1
    w1 = tk.Label(frame, text='.', font=('SF Pro Display', 13),
                  bd=0, bg='#000000', fg='#737373')
    w1.place(relx=0.57, rely=0.75, anchor='center')

def dot2():
    global w2
    w2 = tk.Label(frame, text='.', font=('SF Pro Display', 13),
                  bd=0, bg='#000000', fg='#737373')
    w2.place(relx=0.59, rely=0.75, anchor='center')

def dot3():
    global w3
    w3 = tk.Label(frame, text='.', font=('SF Pro Display', 13),
                  bd=0, bg='#000000', fg='#737373')
    w3.place(relx=0.61, rely=0.75, anchor='center')

def wipe():
    w1.place_forget()
    w2.place_forget()
    w3.place_forget()

def close():
    win1.destroy()
```

```
win1.after(1800, load)
win1.after(2300, dot1)
win1.after(2800, dot2)
win1.after(3300, dot3)
win1.after(3400, wipe)
win1.after(3900, dot1)
win1.after(4400, dot2)
win1.after(4900, dot3)
win1.after(5000, close)
win1.mainloop()
```

```
init()
```

MAIN.PY

```
try:
    import Start
    import mysql.connector as db          ### EXTERNAL INSTALL ####
    from random import *
    import time as t
    from tkinter import *
    ph = PhotoImage
    lb = Label
    bt = Button
    fr = Frame
    ent = Entry
    from tkinter import messagebox
    msgb = messagebox
    tx = Text
    msg = Message
    cv = Canvas
    from datetime import *
    dt = datetime
    day = dt.now().strftime('%A')
    month = dt.now().strftime('%B')
    DD = str(dt.now().day)
    YY = str(dt.now().year)
    DATE = day+', '+DD+' '+month+' '+YY
    curtime = dt.now().time()

##### MAIN WINDOW #####
win = Tk()
width = int(((win.winfo_screenwidth()*0.9875)//2)-575)
height = int(((win.winfo_screenheight()*0.95)//2)-325)
win.geometry('1150x650+{}+{}'.format(width, height))
win.title('Advanced Institute of Innovation and Technology')
win.configure(bg='#000000')
win.resizable(False, False)

p = ph(file='images/titlelogo.png')
p1 = ph(file='images/main.png')
p2 = ph(file='images/adminlogin1.png')
p3 = ph(file='images/adminlogin2.png')
p6 = ph(file='images/divbar.png')
p7 = ph(file='images/gobutton.png')
p8 = ph(file='images/backbutton.png')
p9 = ph(file='images/aiit.png')
p10 = ph(file='images/signout.png')
p11 = ph(file='images/profile2.png')
p12 = ph(file='images/assignments2.png')
```

```

p13 = ph(file='images/fee2.png')
p14 = ph(file='images/projects2.png')
p15 = ph(file='images/events2.png')
p16 = ph(file='images/attendance2.png')
p17 = ph(file='images/about2.png')
p18 = ph(file='images/marks2.png')
p19 = ph(file='images/passreset2.png')
p20 = ph(file='images/hb.png')
p21 = ph(file='images/loginbg2.png')
p23 = ph(file='images/loginbarbg.png')
p24 = ph(file='images/sidbar.png')
p25 = ph(file='images/profilebg.png')
p26 = ph(file='images/boyicon.png')
p27 = ph(file='images/girlicon.png')
p28 = ph(file='images/editbutton.png')
p29 = ph(file='images/abtbg.png')
p30 = ph(file='images/apassr.png')
p32 = ph(file='images/spassr.png')
p33 = ph(file='images/txbar_bg.png')
p34 = ph(file='images/marksbg.png')
p35 = ph(file='images/+admin.png')
p36 = ph(file='images/+student.png')
p37 = ph(file='images/paid1.png')
p38 = ph(file='images/paid2.png')
p39 = ph(file='images/paid3.png')
p40 = ph(file='images/eventbg.png')
p41 = ph(file='images/chartlegend.png')
p42 = ph(file='images/projectbg.png')
p43 = ph(file='images/assignmentbg.png')
p44 = ph(file='images/smallbar(lightbrown).png')
p45 = ph(file='images/txbar(small).png')
p46 = ph(file='images/txbar(lightbrown).png')
p48 = ph(file='images/-administrator.png')
p49 = ph(file='images/-student.png')
p50 = ph(file='images/smallbar(black).png')
p51 = ph(file='images/savebt.png')
p52 = ph(file='images/cancelbt.png')
p53 = ph(file='images/studentlogin1.png')
p54 = ph(file='images/studentlogin2.png')

# title bar icon change

win.iconphoto(None, p)

global str_date

def str_date(a):
    a = a.split('-')

```

```

    return date(int(a[0]), int(a[1]), int(a[2]))

#####
##### MINOR ANIMATIONS #####
#####

from PIL import ImageTk, Image

def ZOOM(img):
    path = img.cget('file')
    image = Image.open(path)
    image1 = ImageTk.PhotoImage(image)
    width = round(image1.width()+(0.035*image1.width()))
    height = round(image1.height()+(0.035*image1.height()))
    zoom_image = image.resize((width, height), Image.ANTIALIAS)
    new_image = ImageTk.PhotoImage(zoom_image)
    return new_image

global ANIMATE

def ANIMATE(b, img):
    def zoom(i):
        image = ZOOM(img)
        b.configure(image=image)
        b.image = image

    def reverse(i):
        b.configure(image=img)
        b.image = img
        b.bind('<Enter>', zoom)
        b.bind('<Leave>', reverse)

#####
##### ADMIN SIDE #####
#####

def adminhome(): ##### COMPLETED #####
    f1.place_forget()

    global f2
    f2 = fr(win, bd=0, height=650, width=1150, bg='#000000') # bigger one
    f2.place(relx=0.5, rely=0.5, anchor='center')

    global f3
    f3 = fr(win, bd=0, height=100, width=1150,
             bg='#232323') # smaller one OVER F2
    f3.place(relx=0.5, rely=0, anchor='center')

    l28 = lb(f3, text=DATE, bd=0, font=(

        'SF Pro Display', 13), bg='#232323', fg='#FFFFFF')

```

```

128.place(relx=0.715, rely=0.755, anchor='center')

129 = lb(f2, bd=0, bg='#000000', fg='#FFFFFF',
         font('SF Pro Display', 22, 'bold'))
129.place(relx=0.5, rely=0.105, anchor='center')

##### GREETING ACCORDING TO TIME #####
if curtime >= time(0, 00, 00) and curtime < time(11, 59, 59):
    129.configure(text='Good morning !')
if curtime >= time(12, 00, 00) and curtime < time(17, 59, 59):
    129.configure(text='Good afternoon !')
if curtime >= time(18, 00, 00) and curtime < time(23, 59, 59):
    129.configure(text='Good evening !')

15 = bt(f3, image=p9, bd=0)
15.place(relx=0.05, rely=0.75, anchor='center')

b6 = bt(f3, image=p10, bd=0, bg='#232323',
         activebackground='#232323', command=main)
b6.place(relx=0.95, rely=0.75, anchor='center')
ANIMATE(b6, p10)

global f4
f4 = fr(f2, height=520, width=875, bd=0,
         bg='#000000') # OVER F2 BELOW F3
f4.place(relx=0.5, rely=0.535, anchor='center')

b7 = bt(f4, image=p11, bd=0, bg='#000000',
         activebackground='#000000', command=sprofile) # profile
b7.place(relx=0.1385, rely=0.236, anchor='center')
ANIMATE(b7, p11)

b8 = bt(f4, image=p12, bd=0, bg='#000000',
         activebackground='#000000', command=assignments) # assignment
b8.place(relx=0.466, rely=0.688, anchor='center')
ANIMATE(b8, p12)

b9 = bt(f4, image=p14, bd=0, bg='#000000',
         activebackground='#000000', command=projects) # projects
b9.place(relx=0.392, rely=0.182, anchor='center')
ANIMATE(b9, p14)

b10 = bt(f4, image=p18, bd=0, bg='#000000',
          activebackground='#000000', command=marks) # marks
b10.place(relx=0.7515, rely=0.182, anchor='center')
ANIMATE(b10, p18)

```

```

b11 = bt(f4, image=p16, bd=0, bg'#000000',
          activebackground'#000000', command=attendance) # attendance
b11.place(relx=0.13855, rely=0.62, anchor'center')
ANIMATE(b11, p16)

b12 = bt(f4, image=p15, bd=0, bg'#000000',
          activebackground'#000000', command=events) # events
b12.place(relx=0.13855, rely=0.8825, anchor'center')
ANIMATE(b12, p15)

b13 = bt(f4, image=p19, bd=0, bg'#000000',
          activebackground'#000000', command=passr) # passreset
b13.place(relx=0.738, rely=0.52, anchor'center')
ANIMATE(b13, p19)

b14 = bt(f4, image=p17, bd=0, bg'#000000',
          activebackground'#000000', command=about) # about
b14.place(relx=0.912, rely=0.52, anchor'center')
ANIMATE(b14, p17)

b15 = bt(f4, image=p13, bd=0, bg'#000000',
          activebackground'#000000', command=fee_details) # fee
b15.place(relx=0.8263, rely=0.828, anchor'center')
ANIMATE(b15, p13)

b16 = bt(f3, image=p20, bd=0, bg'#232323',
          activebackground'#232323', command=adminhome) # adminhome button
b16.place(relx=0.5, rely=0.75, anchor'center')
ANIMATE(b16, p20)

b39 = bt(f2, image=p35, bd=0, bg'#000000',
          activebackground'#000000', command=addadmin) # add administrator
b39.place(relx=0.01, rely=0.115, anchor'w')
ANIMATE(b39, p35)

b40 = bt(f2, image=p36, bd=0, bg'#000000',
          activebackground'#000000', command=addstudent) # add student
b40.place(relx=0.01, rely=0.175, anchor'w')
ANIMATE(b40, p36)

def delstudent():
    lb(f2, image=p50, bd=0).place(
        relx=0.9375, rely=0.5, anchor'center')

```

```

global dsid # 0.235 ---> rely
dsid = ent(f2, bd=0, bg='#FFFFFF', font=(
    'SF Pro Display', 12), width=6) # ID
dsid.place(relx=0.9375, rely=0.5, anchor='center')
dsid.insert(0, 'Enter ID')

dbcur.execute('select id from slogin')
d20 = dbcur.fetchall()

def del1():
    a = 0
    if dsid.get() == '' or dsid.get() == 'Enter ID':
        msgb.showwarning('Invalid entry', 'Please enter ID. ')
        a += 1
    if (dsid.get() != '' and dsid.get() != 'Enter ID') and ((dsid.
get(),) not in d20):
        msgb.showwarning('Invalid entry',
                          'Please enter valid ID. ')
        a += 1
    else:
        if (a == 0) and ((dsid.get(),) in d20):
            try:
                dbcur.execute(
                    'delete from sprofile where sid="{}"'.format(d
sid.get()))
                dbcur.execute(
                    'delete from marks where sid="{}"'.format(dsid
.get()))
                dbcur.execute(
                    'delete from slogin where id="{}"'.format(dsid
.get()))
                dbcur.execute(
                    'delete from projects where sid="{}"'.format(d
sid.get()))
                dbcur.execute(
                    'delete from attendance where sid="{}"'.format(
dsid.get()))
                dbcur.execute(
                    'delete from fees where sid="{}"'.format(dsid
.get()))
                dbcur.execute(
                    'delete from assignments where sid="{}"'.forma
t(dsid.get()))
                dbcon.commit()
                msgb.showinfo(
                    'Message', 'Account deleted successfully.')
                adminhome()
            except:

```

```

msgb.showwarning(
    'Unexpected error', 'There was an error deleting that account\nPlease try again later.')
adminhome()

bt(f2, text='delete', bd=0, bg='#000000', fg='#CF3327', font=('SF Pro Display', 12), activebackground='#000000', command=del1).place(
    relx=0.9377, rely=0.55, anchor='w')

bt(f2, text='cancel', bd=0, bg='#000000', fg='#FFFFFF', font=('SF Pro Display', 12), activebackground='#000000', command=adminhome).place(
    relx=0.9373, rely=0.55, anchor='e')

def deladmin():
    lb(f2, image=p50, bd=0).place(
        relx=0.9375, rely=0.5, anchor='center')

    global daid
    daid = ent(f2, bd=0, bg='#FFFFFF', font=(
        'SF Pro Display', 12), width=6) # ID
    daid.place(relx=0.9375, rely=0.5, anchor='center')
    daid.insert(0, 'Enter ID')

    dbcur.execute('select id from adminlogin')
    d21 = dbcur.fetchall()

def del2():
    a = 0
    if daid.get() == '' or daid.get() == 'Enter ID':
        msgb.showwarning('Invalid entry', 'Please enter ID. ')
        a += 1
    if (daid.get() != '' and daid.get() != 'Enter ID') and ((daid.get(),) not in d21):
        msgb.showwarning('Invalid entry',
                         'Please enter valid ID. ')
        a += 1
    else:
        if (a == 0) and ((daid.get(),) in d21):
            if (daid.get() == aid.get()):
                msgb.showwarning(
                    'Message', 'Please login from another ID to delete this one.')
            )
            adminhome()
        else:
            try:
                dbcur.execute(

```

```

        'delete from adminlogin where id="{}"'.for
mat(daid.get()))
        dbcon.commit()
msgb.showinfo(
        'Message', 'Account deleted successfully.')
)
adminhome()
except:
    msgb.showwarning(
        'Unexpected error', 'There was an error de
leting that account\nPlease try again later.')
    adminhome()

        bt(f2, text='delete', bd=0, bg='#000000', fg='#CF3327', font=('SF
Pro Display', 12), activebackground='#000000', command=del2).place(
            relx=0.9377, rely=0.55, anchor='w')

        bt(f2, text='cancel', bd=0, bg='#000000', fg='#FFFFFF', font=('SF
Pro Display', 12), activebackground='#000000', command=adminhome).place(
            relx=0.9373, rely=0.55, anchor='e')

b57 = bt(f2, image=p48, bd=0, bg='#000000',
          activebackground='#000000', command=deladmin)
b57.place(relx=0.99, rely=0.115, anchor='e')
ANIMATE(b57, p48)

b58 = bt(f2, image=p49, bd=0, bg='#000000',
          activebackground='#000000', command=delstudent)
b58.place(relx=0.99, rely=0.175, anchor='e')
ANIMATE(b58, p49)

l11 = lb(f3, image=p24, bd=0)
l11.place(relx=0.35, rely=0.75, anchor='center')

l12 = lb(f3, text='Student ID ', font=('SF Pro Display', 13),
          bd=0, bg='#232323', fg='#FFFFFF')
l12.place(relx=0.275, rely=0.75, anchor='center')

global sid
sid = ent(f3, bd=0, font=('SF Pro Display', 13),
           width=6) # sid for profile
sid.place(relx=0.35, rely=0.75, anchor='center')

def addstudent(): ##### COMPLETED #####
f4.place_forget()
global f12
f12 = fr(f2, height=500, width=855, bd=0, bg='#000000')
f12.place(relx=0.5, rely=0.535, anchor='center')

```

```

16 = lb(f12, text='Add Student account', font=(
    'SF Pro Display', 38, 'bold'), bd=0, bg='#000000', fg'#FFFFFF')
16.place(relx=0, rely=0.05, anchor='w')

183 = lb(f12, image=p25, bd=0)
183.place(relx=0.5, rely=0.55, anchor='center')

lb(f12, image=p33, bd=0).place(relx=0.29, rely=0.29, anchor='w')
s1 = ent(f12, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # for student name
s1.place(relx=0.298, rely=0.29, anchor='w')

lb(f12, image=p33, bd=0).place(relx=0.29, rely=0.383, anchor='w')
s2 = ent(f12, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # for student mobile
s2.place(relx=0.298, rely=0.383, anchor='w')

lb(f12, image=p33, bd=0).place(relx=0.29, rely=0.475, anchor='w')
s3 = ent(f12, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # for current year
s3.place(relx=0.298, rely=0.475, anchor='w')

lb(f12, image=p33, bd=0).place(relx=0.6925, rely=0.29, anchor='w')
s4 = ent(f12, bd=0, bg='#F2F2F2', font=('SF Pro Display', 14),
         width=13) # for student admission
s4.place(relx=0.7005, rely=0.29, anchor='w')

lb(f12, image=p33, bd=0).place(relx=0.6925, rely=0.383, anchor='w')
s5 = ent(f12, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # for course
s5.place(relx=0.7005, rely=0.383, anchor='w')

lb(f12, image=p44, bd=0).place(relx=0.825, rely=0.473, anchor='w')
s6 = ent(f12, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=7) # for blood group
s6.place(relx=0.833, rely=0.473, anchor='w')

lb(f12, image=p44, bd=0).place(relx=0.095, rely=0.485, anchor='center'
)
s7 = ent(f12, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=6) # for gender
s7.place(relx=0.095, rely=0.485, anchor='center')
s7.insert(0, 'M/F')

lb(f12, image=p33, bd=0).place(relx=0.29, rely=0.688, anchor='w')
s8 = ent(f12, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # for father's name

```

```

s8.place(relx=0.298, rely=0.688, anchor='w')

lb(f12, image=p33, bd=0).place(relx=0.29, rely=0.782, anchor='w')
s9 = ent(f12, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # father's number
s9.place(relx=0.298, rely=0.782, anchor='w')

lb(f12, image=p33, bd=0).place(relx=0.78, rely=0.688, anchor='w')
s10 = ent(f12, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # for mother's name
s10.place(relx=0.788, rely=0.688, anchor='w')

lb(f12, image=p33, bd=0).place(relx=0.78, rely=0.782, anchor='w')
s11 = ent(f12, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # mother's number
s11.place(relx=0.788, rely=0.782, anchor='w')

lb(f12, image=p44, bd=0).place(relx=0.5425, rely=0.473, anchor='w')
s12 = ent(f12, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=7) # ID
s12.place(relx=0.5505, rely=0.473, anchor='w')

def nstudent_save():
    a = 0
    b = 0
    d = 0
    ad = 0
    sg = 0
    e = 0
    s = 0
    sget = [s1.get(), s2.get(), s3.get(), s4.get(), s5.get(),
            s6.get(), s7.get(), s8.get(), s9.get(), s10.get(),
            s11.get(), s12.get()]
    l = ['1st year', '2nd year', '3rd year', 'Final year']
    l2 = ['+A', '+B', '+O', '-O', '+AB', '-AB', '-A', '-B']
    dbcur.execute('select * from sprofile')
    global d11
    d11 = dbcur.fetchall()
    for g in sget:
        if g == '':
            sg += 1
    for c in s1.get(): # sname checked.
        if c.isdigit() == True:
            a += 1
    for c1 in s8.get(): # fname checked.
        if c1.isdigit() == True:
            a += 1
    for c2 in s10.get(): # mname checked.

```

```

if c2.isdigit() == True:
    a += 1
for no in s2.get(): # sph cheked.
    if no.isdigit() != True:
        b += 1
for no1 in s9.get(): # fph cheked.
    if no1.isdigit() != True:
        b += 1
for no2 in s11.get(): # mph checked.
    if no2.isdigit() != True:
        b += 1
for w1 in s5.get(): # course checked.
    if w1.isdigit() == True:
        d += 1
for i1 in s12.get()[5:]:
    if i1 in list('abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ'):
        s += 1
for a1 in s4.get()[1:]:
    if a1 in list('abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ'):
        ad += 1

if sg != 0:
    msgb.showwarning(
        'Invalid entry', 'Please enter data in all fields before saving.')
if sg == 0:
    if s12.get().startswith('Saiit') == False or s != 0:
        msgb.showwarning(
            "Invalid entry", "Please enter valid ID.\nIt should start with 'Saiit',\nand should have a relevant unique number suffixed")
        e += 1
    if a != 0:
        msgb.showwarning(
            'Invalid entry', 'Names cannot contain numbers, please try again.')
        e += 1
    if len(s2.get()) != 10 or len(s9.get()) != 10 or len(s11.get()) != 10 or b != 0:
        msgb.showwarning(
            'Invalid entry', 'Phone number is invalid, please try again.')
        e += 1
    if s3.get() not in l: # year checked.
        msgb.showwarning(
            'Invalid entry', 'Please check year. ')
        e += 1

```



```

        'insert into slogin values("{}", "NULL")'.format(s12.get()))
        dbcur.execute(
            'insert into fees values("{}", "NULL", "NULL", "NULL", "NULL")'.format(s12.get()))
        dbcur.execute(
            'insert into projects values("{}", "NULL", "NULL", "NULL", "NULL", "NULL", "NULL")'.format(s12.get()))
        dbcur.execute(
            'insert into attendance values("{}", "NULL")'.format(s12.get()))
        dbcur.execute(
            'insert into assignments values("{}", "NULL", "NULL", "NULL", "NULL", "NULL", "NULL", "NULL")'.format(s12.get()))
        dbcon.commit()
msgb.showinfo(
    'Message', 'Account added successfully.')
msgb.showinfo('Message', 'Since this will be a new
account, therefore all other data branches such as password, assignments,atten
dance,etc are also not set-up.\n'
                    'For now, all information regarding
academics including credentials has been set to NULL.\n'
                    'You can change this in the future.
')
        adminhome()
except:
    msgb.showwarning(
        'Unexpected error', 'Please check all fields o
r try again later.')
b41 = bt(f12, image=p51, bd=0, font=('SF Pro Display', 15), bg='#00000
0',
          fg='#249ADF', activebackground='#000000', command=nstudent_sa
ve)
b41.place(relx=0.95, rely=0.1, anchor='center')
ANIMATE(b41, p51)

b42 = bt(f12, image=p52, bd=0, font=('sf pro display', 15), bg='#00000
0',
          fg='#CF3327', activebackground='#000000', command=adminhome)
b42.place(relx=0.85, rely=0.1, anchor='center')
ANIMATE(b42, p52)

def addadmin(): ##### COMPLETED #####
    dbcur.execute('select * from adminlogin')
    d12 = dbcur.fetchall()
    f4.place_forget()

```

```

global f13
f13 = fr(f2, height=500, width=855, bd=0, bg='#000000')
f13.place(relx=0.5, rely=0.535, anchor='center')

16 = lb(f13, text='Add Administrator account', font=(
    'SF Pro Display', 38, 'bold'), bd=0, bg='#000000', fg='#FFFFFF')
16.place(relx=0, rely=0.05, anchor='w')

184 = lb(f13, image=p29, bd=0)
184.place(relx=0.5, rely=0.55, anchor='center')

185 = lb(f13, text='ID', bd=0, font=(
    'SF Pro Display', 15), bg='#232323', fg='#249ADF')
185.place(relx=0.2, rely=0.3, anchor='w')

185 = lb(f13, text='Phone number :', bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#249ADF')
185.place(relx=0.2, rely=0.4, anchor='w')

186 = lb(f13, text='New password :', bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#249ADF')
186.place(relx=0.2, rely=0.5, anchor='w')

187 = lb(f13, text='Confirm new password :', bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#249ADF')
187.place(relx=0.2, rely=0.6, anchor='w')

188 = lb(f13, image=p33, bd=0)
189 = lb(f13, image=p33, bd=0)
190 = lb(f13, image=p33, bd=0)
191 = lb(f13, image=p33, bd=0)
191.place(relx=0.45, rely=0.3, anchor='w')
188.place(relx=0.45, rely=0.4, anchor='w')
189.place(relx=0.45, rely=0.5, anchor='w')
190.place(relx=0.45, rely=0.6, anchor='w')

tid = ent(f13, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10)
tid.place(relx=0.475, rely=0.3, anchor='w')

phno = ent(f13, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10) # ph
phno.place(relx=0.475, rely=0.4, anchor='w')

napass = ent(f13, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10) # new
napass.place(relx=0.475, rely=0.5, anchor='w')

```

```

cnapass = ent(f13, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10) # new confirmed
cnapass.place(relx=0.475, rely=0.6, anchor='w')

def nadmin_save():
    a = 0
    c = 0
    aget = [tid.get(), phno.get(), napass.get(), cnapass.get()]
    a1get = [tid.get(), phno.get(), napass.get()]
    for i in aget:
        if i == '':
            c += 1
    if c != 0:
        msgb.showwarning('Entry error', 'Please fill all fields.')
    if c == 0:
        if (tid.get().startswith('Taiit') == False):
            a += 1
        for k in tid.get()[5:]:
            if k in list('abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZSTUVWXYZ'):
                a += 1
        for j in phno.get():
            if j.isdigit() == False:
                a += 1
        if len(phno.get()) != 10:
            a += 1
        if a != 0:
            msgb.showwarning(
                'Entry error', 'Please check all fields and try again.
            ')
        if a == 0:
            if napass.get() != cnapass.get():
                msgb.showwarning(
                    'Key error', 'Entered passwords do not match.\nPlease try again.')
            if napass.get() == cnapass.get():
                if tuple(a1get) in d12:
                    msgb.showwarning('Repeated entry',
                        'This record already exists.')
                if tuple(a1get) not in d12:
                    try:
                        dbcur.execute('insert into adminlogin values("
                            {}","{}","{}")'.format(
                                tid.get(), cnapass.get(), phno.get()))
                        dbcon.commit()
                        msgb.showinfo(
                            'Message', 'Account added successfully.')
                        adminhome()

```

```

        except:
            msgb.showwarning(
                'Unexpected error', 'Please check all fields or try again later.')
    b43 = bt(f13, image=p51, bd=0, font=('SF Pro Display', 15), bg='#0000000',
              fg='#249ADF', activebackground='#0000000', command=nadmin_save)
    b43.place(relx=0.95, rely=0.0875, anchor='center')
    ANIMATE(b43, p51)

    b44 = bt(f13, image=p52, bd=0, font='sf pro display', 15), bg='#0000000',
              fg='#CF3327', activebackground='#0000000', command=adminhome)
    b44.place(relx=0.85, rely=0.0875, anchor='center')
    ANIMATE(b44, p52)

def forgpass(): ##### COMPLETED #####
    f1.place_forget()
    fram = fr(win, height=650, width=1150, bd=0, bg='#0000000')
    fram.place(relx=0.5, rely=0.5, anchor='center')

    global f8
    f8 = fr(fram, height=500, width=855, bd=0, bg='#0000000')
    f8.place(relx=0.5, rely=0.535, anchor='center')

    138 = lb(f8, text='Forgot password', font=(
        'SF Pro Display', 38, 'bold'), bd=0, bg='#0000000', fg='#FFFFFF')
    138.place(relx=0, rely=0.05, anchor='w')

    139 = lb(f8, image=p29, bd=0)
    139.place(relx=0.5, rely=0.55, anchor='center')

    142 = lb(f8, image=p33, bd=0)
    142.place(relx=0.525, rely=0.2, anchor='center')

    global fid
    fid = ent(f8, bd=0, font=('SF Pro Display', 16), width=8, bg='#F2F2F2'
    )
    fid.place(relx=0.525, rely=0.2, anchor='center')

    141 = lb(f8, text='Enter ID :', bd=0, font=(
        'SF Pro Display', 16), bg='#232323', fg='#FFFFFF')
    141.place(relx=0.375, rely=0.2, anchor='center')

def go():
    dbcur.execute('select id from adminlogin')

```

```

d2 = dbcur.fetchall()
if fid.get() == '':
    msgb.showwarning('Empty entry', 'Please enter ID. ')
if (fid.get(),) not in d2 and fid.get() != '':
    msgb.showwarning(
        'Invalid entry', ' Incorrect ID. \nPlease try again')
if (fid.get(),) in d2:
    dbcur.execute(
        'select * from adminlogin where id="{}"'.format(fid.get()))
)
d3 = dbcur.fetchall()[0]
Pn = '*****'+d3[2][6:]
t.sleep(0.5)
l40 = lb(f8, text="We'll send an OTP to your registered mobile number ending with {}".format(Pn),
          font=('SF Pro Display', 16), bd=0, bg='#232323', fg='#FFFFFF')
l40.place(relx=0.5, rely=0.4, anchor='center')

l43 = lb(f8, image=p33, bd=0)
l43.place(relx=0.525, rely=0.5, anchor='center')

phone = ent(f8, bd=0, font=('SF Pro Display', 16),
            width=10, bg='#F2F2F2')
phone.place(relx=0.525, rely=0.5, anchor='center')

l44 = lb(f8, text='Enter phone number :', bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF')
l44.place(relx=0.31, rely=0.5, anchor='center')

global scount
scount = []

def send():
    phn = d3[2]
    if phone.get().strip() == phn:
        import Phone # EXTERNAL INSTALL AND IMPORT #####
        try:
            global onet
            onet = randrange(635745, 952675)
            Phone.OTP(phn, onet)
            msgb.showinfo('Forgot password',
                          ' OTP sent successfully. ')
            scount.append('clicked')
        except:
            msgb.showerror(
                'Message Client error', 'Message could not be
sent.\nPlease try again later.')

```

```

        else:
            msgb.showwarning(
                'Incorrect credentials', ' Phone number not entered or invalid. ')
    b29 = bt(f8, text='Send', bd=0, font=('SF Pro Display', 16),
              bg='#232323', fg="#249ADF", activebackground="#232323
    ', command=send)
    b29.place(relx=0.7, rely=0.55, anchor='center')

    l45 = lb(f8, text='Enter One Time Password', bd=0, font=(
        'SF Pro Display', 16), bg='#232323', fg='#FFFFFF')
    l45.place(relx=0.525, rely=0.65, anchor='center')

    l46 = lb(f8, image=p33, bd=0)
    l46.place(relx=0.525, rely=0.75, anchor='center')

    otp = ent(f8, bd=0, font=('SF Pro Display', 16),
               width=6, bg='#F2F2F2')
    otp.place(relx=0.525, rely=0.75, anchor='center')

    def fverify():
        if len(scount) == 0:
            msgb.showinfo(
                'Message error', 'Please click on send to send OTP
and then enter it to verify.')
        if len(scount) != 0:
            if otp.get() == '':
                msgb.showwarning(
                    'Invalid entry', 'Please enter OTP. \nif not received,enter registered mobile number and click on send')
            if otp.get() == str(onet):
                t.sleep(0.3)
                global f9
                f9 = fr(f8, bd=0, height=500,
                         width=855, bg='#000000')
                f9.place(relx=0.5, rely=0.5, anchor='center')

                l47 = lb(f9, image=p29, bd=0)
                l47.place(relx=0.5, rely=0.55, anchor='center')

                l48 = lb(f9, text='Set New password', font=(
                    'SF Pro Display', 38, 'bold'), bd=0, bg='#0000
00', fg='#FFFFFF')
                l48.place(relx=0, rely=0.05, anchor='w')

                l49 = lb(f9, text='Enter new password :', font=(


```

```

'SF Pro Display', 16), bd=0, bg='#232323', fg=
'#FFFFFF')
149.place(relx=0.15, rely=0.2, anchor='w')

150 = lb(f9, image=p33, bd=0)
150.place(relx=0.475, rely=0.2, anchor='center')

npass = ent(f9, bd=0, font=(
    'SF Pro Display', 16), width=10, bg='#F2F2F2')
npass.place(relx=0.475, rely=0.2, anchor='center')

151 = lb(f9, text='Confirm password :', font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg=
'#FFFFFF')
151.place(relx=0.15, rely=0.35, anchor='w')

152 = lb(f9, image=p33, bd=0)
152.place(relx=0.475, rely=0.35, anchor='center')

cnpass = ent(f9, bd=0, font=(
    'SF Pro Display', 16), width=10, bg='#F2F2F2')
cnpass.place(relx=0.475, rely=0.35,
             anchor='center')

def cancel2():
    f9.place_forget()
    f8.place_forget()
    fram.place_forget()
    f1.place(relx=0.5, rely=0.5, anchor='center')

b31 = bt(f9, image=p52, font=('SF Pro Display', 16
), bd=0, bg='#000000',
          activebackground='#000000', fg='#CF3327',
          command=cancel2)
b31.place(relx=0.9, rely=0.08, anchor='center')
ANIMATE(b31, p52)

def save2():
    try:
        if npass.get() == '' or cnpass.get() == '':
    :
        msgb.showwarning(
            'Operation unsuccessful', 'Please
enter credentials in both fields')
        if npass.get() == cnpass.get() and npass.g
et() != '':
            dbcur.execute('update adminlogin set p
ass={} where id={}'.format(

```

```

                npass.get(), fid.get())))
dbcon.commit()
msgb.showinfo(
    'Operation successful', 'Password
changed successfully.\nPlease re-login for changes to take effect.')
cancel2()
if npass.get() != cnpass.get() and npass.g
et() != '' and cnpass.get() != '':
    msgb.showwarning(
        'Operation unsuccessful', 'Passwo
rds do not match, please try again.')
except:
    msgb.showinfo(
        'Unexpected error', 'Please check all
fields and try again.')

```

b32 = bt(f9, *text*='Save', *font*=('SF Pro Display', 16), *bd*=0,
fg='#249ADF', *command*=save2)
b32.place(*relx*=0.55, *rely*=0.45, *anchor*='center')

if otp.get() != str(onet) and otp.get() != '':
 msgb.showwarning(
 'Invalid entry', ' Entered code is incorrect.
')

b30 = bt(f8, *text*'Verify', *font*=('SF Pro Display', 16), *bd*=0,
fg='#249ADF', *bg*='#232323', *activebackground*='#232323
', *command*=fverify)
b30.place(*relx*=0.525, *rely*=0.825, *anchor*='center')

```

def cancel1():
    fram.place_forget()
    f1.place(relx=0.5, rely=0.5, anchor='center')

b27 = bt(f8, text='Go', bd=0, font=('SF Pro Display', 16),
bg='#232323', fg='#249ADF', activebackground='#232323', comm
nd=go)
b27.place(relx=0.6, rely=0.3, anchor='center')

b28 = bt(f8, image=p52, bd=0, font=('SF Pro Display', 16), bg='#000000
',
fg='#CF3327', activebackground='#000000', command=cancel1)
b28.place(relx=0.9, rely=0.08, anchor='center')
ANIMATE(b28, p52)

def passr(): ##### COMPLETED #####

```

```

def apassreset():
    global l32
    l32 = lb(f7, text='Current password :', bd=0, font=(
        'SF Pro Display', 16), bg='#232323', fg='#FFFFFF')
    l32.place(relx=0.2, rely=0.3, anchor='w')

    l33 = lb(f7, text='New password :', bd=0, font=(
        'SF Pro Display', 16), bg='#232323', fg='#FFFFFF')
    l33.place(relx=0.2, rely=0.4, anchor='w')

    l34 = lb(f7, text='Confirm new password :', bd=0, font=(
        'SF Pro Display', 16), bg='#232323', fg='#FFFFFF')
    l34.place(relx=0.2, rely=0.5, anchor='w')

    l35 = lb(f7, image=p33, bd=0)
    l36 = lb(f7, image=p33, bd=0)
    l37 = lb(f7, image=p33, bd=0)
    l35.place(relx=0.45, rely=0.3, anchor='w')
    l36.place(relx=0.45, rely=0.4, anchor='w')
    l37.place(relx=0.45, rely=0.5, anchor='w')

    curpass = ent(f7, bd=0, bg='#F2F2F2', font=(
        'SF Pro Display', 16), width=10) # cur
    curpass.place(relx=0.475, rely=0.3, anchor='w')

    newpass = ent(f7, bd=0, bg='#F2F2F2', font=(
        'SF Pro Display', 16), width=10) # new
    newpass.place(relx=0.475, rely=0.4, anchor='w')

    cnewpass = ent(f7, bd=0, bg='#F2F2F2', font=(
        'SF Pro Display', 16), width=10) # new confirmed
    cnewpass.place(relx=0.475, rely=0.5, anchor='w')

    global b25
    b25 = bt(f7, text='Forgot your Password ?', font=('SF Pro Display',
        10, UNDERLINE),
              bd=0, bg='#232323', fg='#737373', activebackground='#232323',
              command=forgpass)
    b25.place(relx=0.675, rely=0.3, anchor='w')

def apass_save():
    dbcur.execute(
        'select * from adminlogin where id="{}"'.format(aid.get()))
    d4 = dbcur.fetchall()[0]
    try:
        if curpass.get() == '':
            msgb.showwarning(

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        'Empty entry', 'Please enter current password. ')
    if curpass.get() != d4[1] and curpass.get() != '':
        msgb.showwarning(
            'Incorrect password', 'Entered password was wrong.
\nplease try again.')
        if curpass.get() == d4[1]:
            if newpass.get() == '':
                msgb.showwarning(
                    'Empty entry', 'Please enter new password.
')
            if cnewpass.get() != newpass.get() and newpass.get() !=
= '':
                msgb.showwarning(
                    'Incorrect entry', 'New passwords do no match
,\n please try again.')
                newpass.delete(0, END)
                cnewpass.delete(0, END)
            if newpass.get() == cnewpass.get() and newpass.get() !=
= '':
                dbcur.execute('update adminlogin set pass="{}" whe
re id="{}".format(
                    cnewpass.get(), aid.get()))
                dbcon.commit()
                msgb.showinfo(
                    'Operation successful', 'Password changed succ
essfully.\nPlease re-login for changes to take effect.')
            except:
                msgb.showinfo('Unexpected error',
                    'Please check all fields and try again.')

b26 = bt(f7, text='Save', bd=0, font=('SF Pro Display', 15), bg='#
232323',
          fg='#249ADF', activebackground='#232323', command=apass_s
ave)
b26.place(relx=0.7, rely=0.6, anchor='center')

def spassreset():
    b25.place_forget()
    l32.configure(text='Enter ID : ')

l54 = lb(f7, text='New password :', bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF')
l54.place(relx=0.2, rely=0.4, anchor='w')

l55 = lb(f7, text='Confirm new password :', bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF')
l55.place(relx=0.2, rely=0.5, anchor='w')

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156 = lb(f7, image=p33, bd=0)
157 = lb(f7, image=p33, bd=0)
158 = lb(f7, image=p33, bd=0)
156.place(relx=0.45, rely=0.3, anchor='w')
157.place(relx=0.45, rely=0.4, anchor='w')
158.place(relx=0.45, rely=0.5, anchor='w')

Sid = ent(f7, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10) # current
Sid.place(relx=0.475, rely=0.3, anchor='w')

newpass = ent(f7, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10) # new
newpass.place(relx=0.475, rely=0.4, anchor='w')

cnewpass = ent(f7, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10) # new confirmed
cnewpass.place(relx=0.475, rely=0.5, anchor='w')

def spass_save():
    dbcur.execute('select id from slogin')
    d5 = dbcur.fetchall()
    try:
        if (Sid.get(),) in d5:
            if newpass.get() == '':
                msgb.showwarning(
                    'Empty entry', ' Please enter new password.')
            if cnewpass.get() != newpass.get() and newpass.get() != '':
                msgb.showwarning(
                    'Incorrect entry', ' New passwords do no match
,\n please try again.')
                newpass.delete(0, END)
                cnewpass.delete(0, END)
            if newpass.get() == cnewpass.get() and newpass.get() != '':
                dbcur.execute('update slogin set pass="{}" where i
d="{}"'.format(
                    cnewpass.get(), Sid.get()))
                dbcon.commit()
                msgb.showinfo('Operation successful',
                    'Password changed successfully.')
        else:
            msgb.showwarning(
                'Invalid ID', 'Incorrect ID, Please try again.')
    except:
        msgb.showinfo('Unexpected error',

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        'Please check all fields and try again.')
```

```

b26 = bt(f7, text='Save', bd=0, font=('SF Pro Display', 15), bg='#232323',
          fg='#249ADF', activebackground='#232323', command=spass_s
ave)
b26.place(relx=0.7, rely=0.6, anchor='center')

f4.place_forget()
global f7
f7 = fr(f2, height=500, width=855, bd=0, bg='#000000')
f7.place(relx=0.5, rely=0.535, anchor='center')

l30 = lb(f7, image=p29, bd=0)
l30.place(relx=0.5, rely=0.55, anchor='center')

l31 = lb(f7, text='Password reset', font=('SF Pro Display',
            38, 'bold'), bd=0, bg='#0000
00', fg='#FFFFFF')
l31.place(relx=0, rely=0.05, anchor='w')

b23 = bt(f7, image=p30, bd=0, bg='#232323',
          activebackground='#232323', command=apassreset)
b23.place(relx=0.499, rely=0.175, anchor='e')
ANIMATE(b23, p30)

b24 = bt(f7, image=p32, bd=0, bg='#232323',
          activebackground='#232323', command=spassreset)
b24.place(relx=0.501, rely=0.177, anchor='w')
ANIMATE(b24, p32)

apassreset()

def sprofile(): ##### COMPLETED #####
    dbcur.execute('select sid from sprofile')
    global d1
    d1 = dbcur.fetchall()
    if sid.get() == '':
        msgb.showwarning('ID error', ' Please enter a Student ID ')
    if (sid.get(),) not in d1 and sid.get() != '':
        msgb.showwarning('Invalid Student ID',
                         ' Please enter a valid student ID ')
        sid.delete(0, END)
    for i in d1:
        if sid.get() == i[0]:
            f4.place_forget()
            global f5
            f5 = fr(f2, height=500, width=855, bd=0, bg='#000000')

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f5.place(relx=0.5, rely=0.535, anchor='center')

l6 = lb(f5, text='Profile', font=('SF Pro Display',
                                         38, 'bold'), bd=0, bg='#0000
00', fg='#FFFFFF')
l6.place(relx=0, rely=0.05, anchor='w')

dbcurs.execute(
    'select * from sprofile where sid="{}"'.format(sid.get()))
d6 = dbcurs.fetchall()
rec = d6[0]

l10 = lb(f5, image=p25, bd=0)
l10.place(relx=0.5, rely=0.55, anchor='center')

if rec[10] in ['male', 'Male', 'M', 'm']:
    l13 = lb(f5, image=p26, bd=0)
    l13.place(relx=0.095, rely=0.375, anchor='center')
if rec[10] in ['female', 'Female', 'F', 'f']:
    l13 = lb(f5, image=p27, bd=0)
    l13.place(relx=0.095, rely=0.375, anchor='center')

l14 = lb(f5, text='{}'.format(rec[2]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # snam
e
l14.place(relx=0.29, rely=0.29, anchor='w')

l15 = lb(f5, text='{}'.format(rec[5]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # stud
ent ph
l15.place(relx=0.29, rely=0.383, anchor='w')

l16 = lb(f5, text='{}'.format(rec[9]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # year
l16.place(relx=0.29, rely=0.475, anchor='w')

l17 = lb(f5, text='{}'.format(rec[1]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # admi
ssion number
l17.place(relx=0.6925, rely=0.29, anchor='w')

l18 = lb(f5, text='{}'.format(rec[8]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # cour
se
l18.place(relx=0.6925, rely=0.383, anchor='w')

l19 = lb(f5, text='{}'.format(rec[0]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # id

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119.place(relx=0.5425, rely=0.473, anchor='w')

120 = lb(f5, text='{}'.format(rec[11]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # bloo
d group
120.place(relx=0.825, rely=0.473, anchor='w')

121 = lb(f5, text='{}'.format(rec[3]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # fnam
e
121.place(relx=0.29, rely=0.688, anchor='w')

122 = lb(f5, text='{}'.format(rec[6]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # fath
er ph
122.place(relx=0.29, rely=0.782, anchor='w')

123 = lb(f5, text='{}'.format(rec[4]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # mnam
e
123.place(relx=0.78, rely=0.688, anchor='w')

124 = lb(f5, text='{}'.format(rec[7]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # moth
er ph
124.place(relx=0.78, rely=0.782, anchor='w')

125 = lb(f5, text='{}'.format(rec[10].capitalize()), bd=0, fon
t=(

    'SF Pro Display', 15), bg='#232323', fg='#FFFFFF') # gend
er
125.place(relx=0.095, rely=0.515, anchor='center')

def profile_edit():
    b17.place_forget()
    l13.place(relx=0.095, rely=0.345, anchor='center')

    lb(f5, image=p33, bd=0).place(
        relx=0.29, rely=0.29, anchor='w')
    sname_e = ent(f5, bd=0, bg='#F2F2F2', font=(
        'SF Pro Display', 14), width=13) # for student name
    sname_e.place(relx=0.298, rely=0.29, anchor='w')
    sname_e.insert(0, rec[2])

    lb(f5, image=p33, bd=0).place(
        relx=0.29, rely=0.383, anchor='w')
    sph_e = ent(f5, bd=0, bg='#F2F2F2', font=(
        'SF Pro Display', 14), width=13) # for student mobile

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```

sph_e.place(relx=0.298, rely=0.383, anchor='w')
sph_e.insert(0, rec[5])

lb(f5, image=p33, bd=0).place(
    relx=0.29, rely=0.475, anchor='w')
y_e = ent(f5, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # for current year
y_e.place(relx=0.298, rely=0.475, anchor='w')
y_e.insert(0, rec[9])

lb(f5, image=p33, bd=0).place(
    relx=0.6925, rely=0.29, anchor='w')
admn_e = ent(f5, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # for student admission
admn_e.place(relx=0.7005, rely=0.29, anchor='w')
admn_e.insert(0, rec[10])

l18.place_forget()
lb(f5, image=p33, bd=0).place(
    relx=0.6925, rely=0.383, anchor='w')
crs_e = ent(f5, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # for course
crs_e.place(relx=0.7005, rely=0.383, anchor='w')
crs_e.insert(0, rec[8])

lb(f5, image=p44, bd=0).place(
    relx=0.825, rely=0.473, anchor='w')
bld_e = ent(f5, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=4) # for blood group
bld_e.place(relx=0.833, rely=0.473, anchor='w')
bld_e.insert(0, rec[11])

l25.place_forget()
lb(f5, image=p44, bd=0).place(
    relx=0.095, rely=0.5, anchor='center')
gdr_e = ent(f5, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 13), width=6) # for gender
gdr_e.place(relx=0.095, rely=0.5, anchor='center')
gdr_e.insert(0, rec[12])

lb(f5, image=p33, bd=0).place(
    relx=0.29, rely=0.688, anchor='w')
fname_e = ent(f5, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # for father's name
fname_e.place(relx=0.298, rely=0.688, anchor='w')
fname_e.insert(0, rec[13])

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```

lb(f5, image=p33, bd=0).place(
    relx=0.29, rely=0.782, anchor='w')
fph_e = ent(f5, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # father's number
fph_e.place(relx=0.298, rely=0.782, anchor='w')
fph_e.insert(0, rec[6])

lb(f5, image=p33, bd=0).place(
    relx=0.78, rely=0.688, anchor='w')
mname_e = ent(f5, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # for mother's name
mname_e.place(relx=0.788, rely=0.688, anchor='w')
mname_e.insert(0, rec[4])

lb(f5, image=p33, bd=0).place(
    relx=0.78, rely=0.782, anchor='w')
mph_e = ent(f5, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 14), width=13) # mother's number
mph_e.place(relx=0.788, rely=0.782, anchor='w')
mph_e.insert(0, rec[7])

def profile_save():
    a = 0
    b = 0
    c = 0
    d = 0
    r = 0
    ad = 0
    for ch in sname_e.get(): # sname checked.
        if ch.isdigit() == True:
            a += 1
    for ch1 in fname_e.get(): # fname checked.
        if ch1.isdigit() == True:
            a += 1
    for ch2 in mname_e.get(): # mname checked.
        if ch2.isdigit() == True:
            a += 1
    if a != 0:
        msgb.showwarning(
            'Invalid entry', 'Names cannot contain numbers
            , please try again.')
        sname_e.delete(0, END)
        fname_e.delete(0, END)
        mname_e.delete(0, END)
        sname_e.insert(0, rec[2])
        fname_e.insert(0, rec[3])
        mname_e.insert(0, rec[4])
        r += 1

```

```

        for n in sph_e.get(): # sph cheked.
            if n.isdigit() != True:
                b += 1
        for n1 in fph_e.get(): # fph cheked.
            if n1.isdigit() != True:
                b += 1
        for n2 in mph_e.get(): # mph checked.
            if n2.isdigit() != True:
                b += 1
        if len(sph_e.get()) != 10 or len(fph_e.get()) != 10 or
len(mph_e.get()) != 10 or b != 0:
            msgb.showwarning(
                'Invalid entry', 'Phone number is invalid, ple
ase try again.')
            sph_e.delete(0, END)
            fph_e.delete(0, END)
            mph_e.delete(0, END)
            sph_e.insert(0, rec[5])
            fph_e.insert(0, rec[6])
            mph_e.insert(0, rec[7])
            r += 1

# year checked.
l = ['1st year', '2nd year', '3rd year', 'Final year']
if y_e.get() not in l:
    msgb.showwarning(
        'Invalid entry', 'Please check year. ')
    y_e.delete(0, END)
    r += 1

for ad1 in admn_e.get()[1:]:
    if ad1 in list('abcdefghijklmnoprstuvwxyzABCDEFGHI
JKLMNOPQRSTUVWXYZ'):
        ad += 1
    if admn_e.get().startswith('S') == False or ad != 0:
        c += 1
    if c != 0: # admission number checked
        msgb.showwarning(
            'Invalid entry', 'Admission number is not vali
d, please try again.')
        admn_e.delete(0, END)
        admn_e.insert(0, rec[1])
        r += 1

for w in crs_e.get(): # course checked.
    if w.isdigit() == True:
        d += 1

```

```

if d != 0:
    msgb.showwarning(
        'Invalid entry', 'Course is not valid, please
try again.')
    crs_e.delete(0, END)
    crs_e.insert(0, rec[8])
    r += 1
# blood group checked.
l2 = ['+A', '+B', '+O', '-O', '+AB', '-AB', '-A', '-
B']
if bld_e.get() not in l2:
    msgb.showwarning(
        'Invalid entry', 'Please check blood group and
try again.')
    bld_e.delete(0, END)
    bld_e.insert(0, rec[11])
    r += 1
# gender checked.
if gdr_e.get() not in ['male', 'female', 'Male', 'Fema
le']:
    msgb.showwarning(
        'Invalid entry', 'Please check gender and try
again.')
    gdr_e.delete(0, END)
    gdr_e.insert(0, rec[10])
    r += 1
else:
    if r == 0:
        try:
            dbcur.execute('update sprofile set '
                          'sname="{}", sph="{}", pname=""
{}, fph="{}", mname="{}", mph="{}", year="{}",
                          'addm_no="{}", course="{}", bl
ood_group="{}", gender="{}" where sid="{}"'.format(
                sname_e.get(), sph_e.get(),
                (), fname_e.get(), fph_e.get(), mname_e.get(),
                mph_e.get(), y_e.get(),
                admn_e.get(), crs_e.get(), bld_e.get(),
                gdr_e.get(), rec[0]))
            dbcon.commit()
            msgb.showinfo(
                'Message', 'Operation successful.')
            sprofile()
        except:
            msgb.showwarning(
                'Unexpected error', 'Please try again.
')

```

```

        b18 = bt(f5, image=p51, bd=0, font=('SF Pro Display', 15),
bg'#000000', fg'#249ADF', activebackground'#000000', command
=profile_save)
        b18.place(relx=0.95, rely=0.1, anchor'center')
ANIMATE(b18, p51)

        b19 = bt(f5, image=p52, bd=0, font=('sf pro display', 15),
bg'#000000', fg'#CF3327', activebackground'#000000', command
=sprofile)
        b19.place(relx=0.85, rely=0.1, anchor'center')
ANIMATE(b19, p52)

        b17 = bt(f5, image=p28, bd=0, bg'#000000',
activebackground'#000000', command=profile_edit)
b17.place(relx=0.975, rely=0.09, anchor'center')
ANIMATE(b17, p28)

def marks(): ##### COMPLETED #####
    dbcur.execute('select sid from marks')
    global d13
    d13 = dbcur.fetchall()
    if sid.get() == '':
        msgb.showwarning('ID error', ' Please enter a Student ID ')
    if (sid.get(),) not in d13 and sid.get() != '':
        msgb.showwarning('Invalid Student ID',
                          ' Please enter a valid student ID ')
        sid.delete(0, END)
    if (sid.get(),) in d13:
        f4.place_forget()

    global f10
    f10 = fr(f2, height=500, width=855, bd=0, bg'#000000')
    f10.place(relx=0.5, rely=0.535, anchor'center')

    l59 = lb(f10, text'Mark details', font=('SF Pro Display',
38, 'bold'), bd=0, bg'#0
00000', fg'#FFFFFF')
    l59.place(relx=0, rely=0.05, anchor'w')

    l60 = lb(f10, image=p34, bd=0)
    l60.place(relx=0.5, rely=0.56, anchor'center')

    dbcur.execute(
        'select * from marks where sid="{}"'.format(sid.get()))
    d10 = dbcur.fetchall()
    rec1 = list(d10[0])

```



```

e2 = ent(f10, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 15), width=3)
e2.place(relx=0.53, rely=0.375, anchor='center')
e2.insert(0, rec2[2])

lb(f10, image=p44, bd=0).place(
    relx=0.53, rely=0.465, anchor='center')
e3 = ent(f10, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 15), width=3)
e3.place(relx=0.53, rely=0.465, anchor='center')
e3.insert(0, rec2[3])

lb(f10, image=p44, bd=0).place(
    relx=0.53, rely=0.525, anchor='center')
e4 = ent(f10, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 15), width=3)
e4.place(relx=0.53, rely=0.525, anchor='center')
e4.insert(0, rec2[4])

lb(f10, image=p44, bd=0).place(
    relx=0.53, rely=0.615, anchor='center')
e5 = ent(f10, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 15), width=3)
e5.place(relx=0.53, rely=0.615, anchor='center')
e5.insert(0, rec2[5])

lb(f10, image=p44, bd=0).place(
    relx=0.53, rely=0.675, anchor='center')
e6 = ent(f10, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 15), width=3)
e6.place(relx=0.53, rely=0.675, anchor='center')
e6.insert(0, rec2[6])

lb(f10, image=p44, bd=0).place(
    relx=0.53, rely=0.765, anchor='center')
e7 = ent(f10, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 15), width=3)
e7.place(relx=0.53, rely=0.765, anchor='center')
e7.insert(0, rec2[7])

lb(f10, image=p44, bd=0).place(
    relx=0.53, rely=0.825, anchor='center')
e8 = ent(f10, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 15), width=3)
e8.place(relx=0.53, rely=0.825, anchor='center')
e8.insert(0, rec2[8])

def marks_save():

```

```

mget = [e1.get(), e2.get(), e3.get(), e4.get(),
        e5.get(), e6.get(), e7.get(), e8.get()]
w = 0
s = 0
for b in range(0, len(mget)):
    if mget[b] == 'NULL':
        msgb.showinfo(
            "Entry error", "NULL is an internal keyword.\n
Please enter 'N/A' instead")
        s += 1
        break
    for d in range(0, len(mget)):
        if mget[d] == 'N/A':
            mget[d] = 'NULL'
lis1 = ['NULL']
for a in range(0, 101):
    lis1.append(str(a))

for i in mget:
    if i not in lis1:
        w += 1
if w != 0:
    msgb.showwarning(
        'Entry error', 'Please check all entries,\nThere s
eems to be a mistake.')
    marks()
if w == 0 and s == 0:
    dbcur.execute('update marks set mid1="{}",final1="{}",
',
                  'mid2="{}",final2="{}",mid3="{}",final3=
 "{}",mid4="{}",final4="{}" '
                  'where sid="{}"'.format(mget[0], mget[1]
, mget[2], mget[3], mget[4], mget[5],
                           mget[6], mget[7]
, rec1[0]))
    dbcon.commit()
    msgb.showinfo('Operation sucessful',
                  'All records updated successfully.')
    marks()

b34 = bt(f10, image=p51, bd=0, font=('SF Pro Display', 15), bg
='#000000',
          fg='#249ADF', activebackground='#000000', command=mar
ks_save)
b34.place(relx=0.95, rely=0.0875, anchor='center')
ANIMATE(b34, p51)

b35 = bt(f10, image=p52, bd=0, font=('sf pro display', 15),

```

```

        bg='#000000', fg='#CF3327', activebackground='#000000
', command=marks)
    b35.place(relx=0.85, rely=0.0875, anchor='center')
    ANIMATE(b35, p52)

    b33 = bt(f10, image=p28, bd=0, bg='#000000',
              activebackground='#000000', command=marks_edit)
    b33.place(relx=0.95, rely=0.09, anchor='center')
    ANIMATE(b33, p28)

def fee_details(): ##### COMPLETED #####
    dbcur.execute('select sid from fees')
    global d13
    d13 = dbcur.fetchall()
    if sid.get() == '':
        msgb.showwarning('ID error', ' Please enter a Student ID ')
    if (sid.get(),) not in d13 and sid.get() != '':
        msgb.showwarning('Invalid Student ID',
                          ' Please enter a valid student ID ')
        sid.delete(0, END)
    if (sid.get(),) in d13:
        f4.place_forget()

    f11 = fr(f2, height=500, width=855, bd=0, bg='#000000')
    f11.place(relx=0.5, rely=0.535, anchor='center')

    l81 = lb(f11, text='Fee details', font=('SF Pro Display',
                                              38, 'bold'), bd=0, bg='#00
000', fg='#FFFFFF')
    l81.place(relx=0, rely=0.05, anchor='w')

    l82 = lb(f11, image=p29, bd=0)
    l82.place(relx=0.5, rely=0.55, anchor='center')

    dbcur.execute(
        'select * from fees where sid="{}"'.format(sid.get()))
    global d14
    d14 = list(dbcur.fetchall()[0])
    for j in range(0, len(d14)):
        if d14[j] == None or d14[j] == 'NULL':
            d14[j] = 'N/A'
    pp1 = [p37, p38, p39]
    pp2 = ['All Clear!', 'No dues!', 'No Pending Fees!']
    im = choice(pp1)
    it = choice(pp2)

    l98 = lb(f11, image=im, bd=0)
    l99 = lb(f11, text=it, font=('SF Pro Display', 32,

```



```

def fee_edit():

    b36.place_forget()
    l98.place_forget()
    l99.place_forget()
    l95.place_forget()

    l82.place(relx=0.5, rely=0.55, anchor='center')

    la1 = lb(f11, text='Cycle :', font=(
        'SF Pro Display', 16), bd=0, bg='#232323', fg='#249ADF')
    la1.place(relx=0.2, rely=0.25, anchor='w')

    la2 = lb(f11, text='Amount :', font=(
        'SF Pro Display', 16), bd=0, bg='#232323', fg='#249ADF')
    la2.place(relx=0.2, rely=0.35, anchor='w')

    la3 = lb(f11, text='Status :', font=(
        'SF Pro Display', 16), bd=0, bg='#232323', fg='#249ADF')
    la3.place(relx=0.2, rely=0.45, anchor='w')

    la8 = lb(f11, text='Due date :', font=(
        'SF Pro Display', 16), bd=0, bg='#232323', fg='#249ADF')
    la8.place(relx=0.2, rely=0.55, anchor='w')

    la4 = lb(f11, image=p33, bd=0)
    la5 = lb(f11, image=p33, bd=0)
    la6 = lb(f11, image=p33, bd=0)
    la7 = lb(f11, image=p33, bd=0)
    la4.place(relx=0.45, rely=0.25, anchor='center')
    la5.place(relx=0.45, rely=0.35, anchor='center')
    la6.place(relx=0.45, rely=0.45, anchor='center')
    la7.place(relx=0.45, rely=0.55, anchor='center')

    cy = ent(f11, bd=0, font=('SF Pro Display', 15),
              width=10, bg='#F2F2F2')
    cy.place(relx=0.45, rely=0.25, anchor='center')
    cy.insert(0, d14[1])

    amt = ent(f11, bd=0, font=('SF Pro Display', 15),
               width=10, bg='#F2F2F2')
    amt.place(relx=0.45, rely=0.35, anchor='center')
    amt.insert(0, d14[2])

    st = ent(f11, bd=0, font=('SF Pro Display', 15),
              width=10, bg='#F2F2F2')
    st.place(relx=0.45, rely=0.45, anchor='center')
    st.insert(0, d14[3])

```

```

dd = ent(f11, bd=0, font=('SF Pro Display', 15),
         width=10, bg='#F2F2F2')
dd.place(relx=0.45, rely=0.55, anchor='center')
dd.insert(0, d14[4])

tx1 = ('* The cycle can be any time period, it may be represented as semesters or even dates.\n'
        '* You can only edit the record of the most recent or due payment only.\n'
        '* Payments can be done only through depositing check, DD, NEFT, RTGS or by online alternatives\n'
        '* such as PayTM, our online portal, Net banking, etc.\n'
        '* Funds once transferred can in no way be refunded, instead it may be adjusted in future transactions.\n')
m2 = msg(f11, text=tx1, bd=0, bg="#232323",
          fg="#FFFFFF", font=('SF Pro Display', 11), width=800)
m2.place(relx=0.5, rely=0.8, anchor='center')

def fee_save():
    fc = 0
    err = 0
    n = 0
    fget = [cy.get(), amt.get(), st.get(), dd.get()]
    for i in fget:
        if i == '':
            fc += 1
    if fc != 0:
        msgb.showwarning(
            'Entry error', 'Please fill all fields and try again.')
    if fc == 0:
        for h in amt.get():
            if h.isalpha() == True:
                n += 1
        if n != 0 or int(fget[1]) not in range(1, 1000000):
            msgb.showwarning(
                'Message', 'Please enter valid amount.')
            err += 1
        if fget[2] not in ['Pending', 'Paid', 'paid', 'pending']:
            msgb.showwarning(
                'Message', 'Please check status, you can only enter Paid or Pending.')
            err += 1
        if err == 0:
            try:

```

```

        dbcur.execute('update fees set cycle="{}", amount="{}", status="{}", due_date="{}" where sid="{}"'.format(fget[0], fget[1], fget[2], fget[3], sid.get()))
        dbcon.commit()
        msgb.showinfo(
            'Message', 'Operation successful.')
        fee_details()
    except:
        msgb.showwarning(
            'Unexpected error', 'Please check all entries and try again or later.')
    b37 = bt(f11, image=p51, bd=0, font=('SF Pro Display', 15), bg ='#000000',
              fg='#249ADF', activebackground='#000000', command=fee_save)
    b37.place(relx=0.95, rely=0.0875, anchor='center')
    ANIMATE(b37, p51)

    b38 = bt(f11, image=p52, bd=0, font=('sf pro display', 15), bg ='#000000',
              fg='#CF3327', activebackground='#000000', command=fee_details)
    b38.place(relx=0.85, rely=0.0875, anchor='center')
    ANIMATE(b38, p52)

    b36 = bt(f11, image=p28, bd=0, bg ='#000000',
              activebackground ='#000000', command=fee_edit)
    b36.place(relx=0.95, rely=0.09, anchor='center')
    ANIMATE(b36, p28)

def events(): ##### COMPLETED #####
    f4.place_forget()

    f14 = fr(f2, height=500, width=855, bd=0, bg ='#000000')
    f14.place(relx=0.5, rely=0.535, anchor='center')

    la9 = lb(f14, text='Events', font=('SF Pro Display', 38, 'bold'), bd=0, bg ='#000000', fg ='#FFFFFF')
    la9.place(relx=0, rely=0.05, anchor='w')

    lb1 = lb(f14, image=p40, bd=0)
    lb1.place(relx=0.5, rely=0.55, anchor='center')

    dbcur.execute('select * from events')
    d15 = dbcur.fetchall()

```

```

### EVENTS ###

lm1 = msg(f14, text=d15[0][1].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 10))
lm1.place(relx=0.085, rely=0.335, anchor='w', height=55)

lm2 = msg(f14, text=d15[1][1].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 10))
lm2.place(relx=0.085, rely=0.471, anchor='w', height=55)

lm3 = msg(f14, text=d15[2][1].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 10))
lm3.place(relx=0.085, rely=0.607, anchor='w', height=55)

lm4 = msg(f14, text=d15[3][1].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 10))
lm4.place(relx=0.085, rely=0.745, anchor='w', height=55)

lm5 = msg(f14, text=d15[4][1].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 10))
lm5.place(relx=0.085, rely=0.883, anchor='w', height=55)

### DATES ###

lb2 = lb(f14, text=d15[0][2], bd=0, bg='#404040',
           fg='#FFFFFF', font=('SF Pro Display', 10))
lb2.place(relx=0.775, rely=0.335, anchor='w')

lb3 = lb(f14, text=d15[1][2], bd=0, bg='#404040',
           fg='#FFFFFF', font=('SF Pro Display', 10))
lb3.place(relx=0.775, rely=0.471, anchor='w')

lb4 = lb(f14, text=d15[2][2], bd=0, bg='#404040',
           fg='#FFFFFF', font=('SF Pro Display', 10))
lb4.place(relx=0.775, rely=0.607, anchor='w')

lb5 = lb(f14, text=d15[3][2], bd=0, bg='#404040',
           fg='#FFFFFF', font=('SF Pro Display', 10))
lb5.place(relx=0.775, rely=0.745, anchor='w')

lb6 = lb(f14, text=d15[4][2], bd=0, bg='#404040',
           fg='#FFFFFF', font=('SF Pro Display', 10))
lb6.place(relx=0.775, rely=0.883, anchor='w')

def events_edit():
    b45.place_forget()

```

```

#### EVENTS ####

ta1 = tx(f14, bd=0, bg='#404040', fg='#FFFFFF',
          font=('SF Pro Display', 10), height=3)
ta1.place(relx=0.085, rely=0.335, anchor='w', width=525)
ta1.insert(1.0, d15[0][1].strip())

ta2 = tx(f14, bd=0, bg='#404040', fg='#FFFFFF',
          font=('SF Pro Display', 10), height=3)
ta2.place(relx=0.085, rely=0.471, anchor='w', width=525)
ta2.insert(1.0, d15[1][1].strip())

ta3 = tx(f14, bd=0, bg='#404040', fg='#FFFFFF',
          font=('SF Pro Display', 10), height=3)
ta3.place(relx=0.085, rely=0.607, anchor='w', width=525)
ta3.insert(1.0, d15[2][1].strip())

ta4 = tx(f14, bd=0, bg='#404040', fg='#FFFFFF',
          font=('SF Pro Display', 10), height=3)
ta4.place(relx=0.085, rely=0.745, anchor='w', width=525)
ta4.insert(1.0, d15[3][1].strip())

ta5 = tx(f14, bd=0, bg='#404040', fg='#FFFFFF',
          font=('SF Pro Display', 10), height=3)
ta5.place(relx=0.085, rely=0.883, anchor='w', width=525)
ta5.insert(1.0, d15[4][1].strip())

#### DATES ####

lb(f14, image=p45, bd=0).place(relx=0.7565, rely=0.335, anchor='w')
)
tb1 = ent(f14, bd=0, bg='#F2F2F2', font=(
          'SF Pro Display', 10), width=10)
tb1.place(relx=0.775, rely=0.335, anchor='w')
tb1.insert(0, d15[0][2])

lb(f14, image=p45, bd=0).place(relx=0.7565, rely=0.471, anchor='w')
)
tb2 = ent(f14, bd=0, bg='#F2F2F2', font=(
          'SF Pro Display', 10), width=10)
tb2.place(relx=0.775, rely=0.471, anchor='w')
tb2.insert(0, d15[1][2])

lb(f14, image=p45, bd=0).place(relx=0.7565, rely=0.607, anchor='w')
)
tb3 = ent(f14, bd=0, bg='#F2F2F2', font=(
          'SF Pro Display', 10), width=10)
tb3.place(relx=0.775, rely=0.607, anchor='w')

```

```

tb3.insert(0, d15[2][2])

lb(f14, image=p45, bd=0).place(relx=0.7565, rely=0.745, anchor='w'
)
tb4 = ent(f14, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 10), width=10)
tb4.place(relx=0.775, rely=0.745, anchor='w')
tb4.insert(0, d15[3][2])

lb(f14, image=p45, bd=0).place(relx=0.7565, rely=0.883, anchor='w'
)
tb5 = ent(f14, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 10), width=10)
tb5.place(relx=0.775, rely=0.883, anchor='w')
tb5.insert(0, d15[4][2])

def events_save():
    a = 0
    b = 0
    c = 0
    eget = [ta1.get(1.0, END), ta2.get(1.0, END), ta3.get(
        1.0, END), ta4.get(1.0, END), ta5.get(1.0, END)]
    e1get = [tb1.get(), tb2.get(), tb3.get(), tb4.get(), tb5.get()
]
    l1 = ['E01', 'E02', 'E03', 'E04', 'E05']
    for i in eget:
        if i.strip() == '':
            a += 1
    for k in e1get:
        if k == '':
            b += 1
    if a != 0:
        msgb.showwarning(
            'Invalid entry', 'Please fill all descriptions and try
again.')
    for h in e1get:
        for p in h:
            if p in list('abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ'):
                c += 1
    if b != 0 or c != 0:
        msgb.showwarning(
            'Invalid entry', 'Please check all the dates and try a
gain.\nMake sure they are valid and relevant.')
    else:
        if a == 0 and b == 0 and c == 0:
            try:

```

```

        for p in range(0, 5):
            dbcur.execute('update events set event="{}",da
te="{}" where Eid="{}"'.format(
                eget[p], e1get[p], l1[p]))
            dbcon.commit()
            msgb.showinfo('Message', 'Operation succesful.')
            events()
        except:
            msgb.showwarning(
                'Unexpected error', 'Please check all entries
and try again or later.')
    b46 = bt(f14, image=p51, bd=0, font=('SF Pro Display', 15), bg='#0
00000',
              fg='#249ADF', activebackground='#000000', command=events_
save)
    b46.place(relx=0.95, rely=0.0865, anchor='center')
    ANIMATE(b46, p51)

    b47 = bt(f14, image=p52, bd=0, font=('sf pro display', 15), bg='#0
00000',
              fg='#CF3327', activebackground='#000000', command=events)
    b47.place(relx=0.85, rely=0.0865, anchor='center')
    ANIMATE(b47, p52)

    b45 = bt(f14, image=p28, bd=0, bg='#000000',
              activebackground='#000000', command=events_edit)
    b45.place(relx=0.95, rely=0.08, anchor='center')
    ANIMATE(b45, p28)

def attendance(): ##### COMPLETED #####
    dbcur.execute('select sid from attendance')
    global d16
    d16 = dbcur.fetchall()
    if sid.get() == '':
        msgb.showwarning('ID error', ' Please enter a Student ID ')
    if (sid.get(),) not in d16 and sid.get() != '':
        msgb.showwarning('Invalid Student ID',
                         ' Please enter a valid student ID ')
        sid.delete(0, END)
    if (sid.get(),) in d16:
        f4.place_forget()

    f15 = fr(f2, height=500, width=855, bd=0, bg='#000000')
    f15.place(relx=0.5, rely=0.535, anchor='center')

    lb7 = lb(f15, text='Attendance', font=('SF Pro Display',

```

```

            38, 'bold'), bd=0, bg='#000
000', fg='#FFFFFF')
lb7.place(relx=0, rely=0.05, anchor='w')

lb8 = lb(f15, image=p29, bd=0)
lb8.place(relx=0.5, rely=0.55, anchor='center')

dbc.cur.execute(
    'select * from attendance where sid="{}"'.format(sid.get()))
global d17
d17 = dbc.cur.fetchall()[0]

lb9 = lb(f15, text='Number of days present :', font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg='#FFFFFF')
lb9.place(relx=0.2, rely=0.2, anchor='w')

lc1 = lb(f15, text='Total number of days :', font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg='#FFFFFF')
lc1.place(relx=0.2, rely=0.275, anchor='w')

lc2 = lb(f15, text=d17[1], font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg='#249ADF')
lc2.place(relx=0.55, rely=0.2, anchor='w')

lc4 = lb(f15, text='180', font=('SF Pro Display', 16),
          bd=0, bg='#232323', fg='#FFFFFF')
lc4.place(relx=0.55, rely=0.275, anchor='w')

lc5 = lb(f15, text='Status :', font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg='#FFFFFF')
lc5.place(relx=0.2, rely=0.35, anchor='w')

lc6 = lb(f15, text='N/A', font=('SF Pro Display', 16),
          bd=0, bg='#232323', fg='#FFFFFF')
lc6.place(relx=0.55, rely=0.35, anchor='w')

if d17[1] != 'NULL' and d17[1] != None:
    if int(d17[1]) <= 180 and int(d17[1]) >= 163:
        lc6.configure(text='Good', fg='#C9E265')
    if int(d17[1]) <= 162 and int(d17[1]) >= 135:
        lc6.configure(text='Adequate', fg='#8C52FF')
    if int(d17[1]) <= 134 and int(d17[1]) >= 108:
        lc6.configure(text='Low', fg='#FF914D')
    if int(d17[1]) <= 107:
        lc6.configure(text='Critically low', fg='#FF5757')

## GRAPH ##

```

```

c1 = cv(f15, width=230, height=230, bd=0,
         bg='#232323', highlightbackground='#232323')
arc = 20, 20, 230, 230
pr = int(d17[1])
ab = 180-(pr)

c1.create_arc(arc, start=-60, extent="{}".format(-ab),
               fill="#FF5757", outline="#FF5757") # absent rig
ht
c1.create_arc(arc, start=0, extent="{}".format(
               pr), fill="#8C52FF", outline="#8C52FF") # present right
# holidays (festivals + weekends)
c1.create_arc(arc, start="{}".format(
               pr), extent=120, fill="#C9E265", outline="#C9E265")
c1.create_arc(arc, start=0, extent=-60, fill="#FF914D",
               outline="#FF914D") # permitted Leaves
c1.place(relx=0.35, rely=0.65, anchor='center')

lc7 = lb(f15, image=p41, bd=0)
lc7.place(relx=0.68, rely=0.66, anchor='center')

def att_edit():

    lb(f15, image=p44, bd=0).place(relx=0.55, rely=0.2, anchor='w'
)
    at = ent(f15, bd=0, bg='#F2F2F2', font=(
        'SF Pro Display', 14), width=3)
    at.place(relx=0.558, rely=0.2, anchor='w')
    at.insert(0, d17[1])

    b48.place_forget()

    def att_save():
        a = 0
        for i in at.get():
            if i == '':
                a += 1
        if at.get() == '':
            msgb.showwarning(
                'Invalid entry', 'Please enter number of days pres
ent correctly and try again.')
            if at.get() != '' and a != 0:
                msgb.showwarning(
                    'Invalid error', 'Please enter a valid numeric val
ue for number of days present.')
        else:
            if a == 0 and at.get() != '':
                try:

```

```

        dbcur.execute('update attendance set present="'
        '{}' where sid="{}''.format(
            at.get(), sid.get())))
        dbcon.commit()
        msgb.showinfo(
            'Message', 'Operation successful.')
        attendance()
    except:
        msgb.showwarning(
            'Unexpected error', 'Please check all entries and try again or later.')
    b49 = bt(f15, image=p51, bd=0, font=('SF Pro Display', 15), bg
    ='#000000',
              fg='#249ADF', activebackground='#000000', command=att
    _save)
    b49.place(relx=0.95, rely=0.0875, anchor='center')
    ANIMATE(b49, p51)

    b50 = bt(f15, image=p52, bd=0, font=('sf pro display', 15), bg
    ='#000000',
              fg='#CF3327', activebackground='#000000', command=att
    endance)
    b50.place(relx=0.85, rely=0.0875, anchor='center')
    ANIMATE(b50, p52)

    b48 = bt(f15, image=p28, bd=0, bg='#000000',
              activebackground='#000000', command=att_edit)
    b48.place(relx=0.95, rely=0.09, anchor='center')
    ANIMATE(b48, p28)

def projects(): ##### COMPLETED #####
    dbcur.execute('select sid from attendance')
    global d18
    d18 = dbcur.fetchall()
    if sid.get() == '':
        msgb.showwarning('ID error', ' Please enter a Student ID ')
    if (sid.get(),) not in d18 and sid.get() != '':
        msgb.showwarning('Invalid Student ID',
                         ' Please enter a valid student ID ')
    sid.delete(0, END)
    if (sid.get(),) in d18:
        f4.place_forget()
        f16 = fr(f2, height=500, width=855, bd=0, bg='#000000')
        f16.place(relx=0.5, rely=0.535, anchor='center')

    lc8 = lb(f16, text='Projects', font=('SF Pro Display',

```

```

            38, 'bold'), bd=0, bg='#000000
0', fg='#FFFFFF')
lc8.place(relx=0, rely=0.05, anchor='w')

lc9 = lb(f16, image=p42, bd=0)
lc9.place(relx=0.5, rely=0.56, anchor='center')

dbc.cur.execute(
    'select t1,t2,t3,t4,t5 from projects where sid="{}"'.format(si
d.get()))
d19 = dbc.cur.fetchall()[0]
proj = []
date1 = []
for g in d19:
    y = g.split(',')
    proj.append(y[0])
    date1.append(y[1])
for d in range(len(proj)):
    if proj[d] == 'NULL' or proj[d] == None:
        proj[d] = 'N/A'
for f in range(len(date1)):
    if date1[f] == 'NULL' or date1[f] == None:
        date1[f] = 'N/A'

## PROJECT ##

lm6 = msg(f16, text=proj[0].strip(
), bd=0, bg='#404040', fg='#FFFFFF', width=525, font=('SF Pro Disp
lay', 16))
lm6.place(relx=0.35, rely=0.348, anchor='center', height=55)

lm7 = msg(f16, text=proj[1].strip(
), bd=0, bg='#404040', fg='#FFFFFF', width=525, font=('SF Pro Disp
lay', 16))
lm7.place(relx=0.35, rely=0.484, anchor='center', height=55)

lm8 = msg(f16, text=proj[2].strip(
), bd=0, bg='#404040', fg='#FFFFFF', width=525, font=('SF Pro Disp
lay', 16))
lm8.place(relx=0.35, rely=0.62, anchor='center', height=55)

lm9 = msg(f16, text=proj[3].strip(
), bd=0, bg='#404040', fg='#FFFFFF', width=525, font=('SF Pro Disp
lay', 16))
lm9.place(relx=0.35, rely=0.758, anchor='center', height=55)

ln1 = msg(f16, text=proj[4].strip(

```

```

), bd=0, bg='#404040', fg='#FFFFFF', width=525, font=('SF Pro Disp
lay', 16))
ln1.place(relx=0.35, rely=0.896, anchor'center', height=55)

## DATE ##

ld0 = lb(f16, text=date1[0], bd=0, bg='#404040',
          fg='#249ADF', font=('SF Pro Display', 16))
ld0.place(relx=0.785, rely=0.348, anchor'center')

ld1 = lb(f16, text=date1[1], bd=0, bg='#404040',
          fg='#249ADF', font=('SF Pro Display', 16))
ld1.place(relx=0.785, rely=0.484, anchor'center')

ld2 = lb(f16, text=date1[2], bd=0, bg='#404040',
          fg='#249ADF', font=('SF Pro Display', 16))
ld2.place(relx=0.785, rely=0.62, anchor'center')

ld3 = lb(f16, text=date1[3], bd=0, bg='#404040',
          fg='#249ADF', font=('SF Pro Display', 16))
ld3.place(relx=0.785, rely=0.758, anchor'center')

ld4 = lb(f16, text=date1[4], bd=0, bg='#404040',
          fg='#249ADF', font=('SF Pro Display', 16))
ld4.place(relx=0.785, rely=0.896, anchor'center')

if date1[0] != 'N/A':
    if str_date(date1[0]) < date.today():
        ld0.configure(fg='#FF5757')
    if str_date(date1[0]) == date.today():
        ld0.configure(fg='#E48F2A')
if date1[1] != 'N/A':
    if str_date(date1[1]) < date.today():
        ld1.configure(fg='#FF5757')
    if str_date(date1[1]) == date.today():
        ld1.configure(fg='#E48F2A')
if date1[2] != 'N/A':
    if str_date(date1[2]) < date.today():
        ld2.configure(fg='#FF5757')
    if str_date(date1[2]) == date.today():
        ld2.configure(fg='#E48F2A')
if date1[3] != 'N/A':
    if str_date(date1[3]) < date.today():
        ld3.configure(fg='#FF5757')
    if str_date(date1[3]) == date.today():
        ld3.configure(fg='#E48F2A')
if date1[4] != 'N/A':
    if str_date(date1[4]) < date.today():

```

```

ld4.configure(fg='#FF5757')
if str_date(date1[4]) == date.today():
    ld4.configure(fg='#E48F2A')

def projects_edit():
    b51.place_forget()

    ta6 = tx(f16, bd=0, bg='#404040', fg='#FFFFFF',
              font=('SF Pro Display', 16), height=2)
    ta6.place(relx=0.35, rely=0.348, anchor='center', width=450)
    ta6.insert(1.0, proj[0].strip())

    ta7 = tx(f16, bd=0, bg='#404040', fg='#FFFFFF',
              font=('SF Pro Display', 16), height=2)
    ta7.place(relx=0.35, rely=0.484, anchor='center', width=450)
    ta7.insert(1.0, proj[1].strip())

    ta8 = tx(f16, bd=0, bg='#404040', fg='#FFFFFF',
              font=('SF Pro Display', 16), height=2)
    ta8.place(relx=0.35, rely=0.62, anchor='center', width=450)
    ta8.insert(1.0, proj[2].strip())

    ta9 = tx(f16, bd=0, bg='#404040', fg='#FFFFFF',
              font=('SF Pro Display', 16), height=2)
    ta9.place(relx=0.35, rely=0.758, anchor='center', width=450)
    ta9.insert(1.0, proj[3].strip())

    ta10 = tx(f16, bd=0, bg='#404040', fg='#FFFFFF',
               font=('SF Pro Display', 16), height=2)
    ta10.place(relx=0.35, rely=0.896, anchor='center', width=450)
    ta10.insert(1.0, proj[4].strip())

    lb(f16, image=p46, bd=0).place(
        relx=0.785, rely=0.348, anchor='center')
    tb6 = ent(f16, bd=0, bg='#F2F2F2', font=(
        'SF Pro Display', 16), width=10)
    tb6.place(relx=0.785, rely=0.348, anchor='center')
    tb6.insert(0, date1[0])

    lb(f16, image=p46, bd=0).place(
        relx=0.785, rely=0.484, anchor='center')
    tb7 = ent(f16, bd=0, bg='#F2F2F2', font=(
        'SF Pro Display', 16), width=10)
    tb7.place(relx=0.785, rely=0.484, anchor='center')
    tb7.insert(0, date1[1])

    lb(f16, image=p46, bd=0).place(
        relx=0.785, rely=0.62, anchor='center')

```



```

for u in range(5):
    if pro[u].strip() == 'N/A':
        if dates[u] != 'N/A':
            c += 1
    elif dates[u] == 'N/A':
        if pro[u].strip() != 'N/A':
            c += 1
if c != 0:
    msgb.showwarning(
        'Invalid entry', 'Please fill both parameters as N
/A, not one.')
else:
    if a == 0 and b == 0:
        try:
            q0 = pro[0] + ',' + dates[0]
            q1 = pro[1] + ',' + dates[1]
            q2 = pro[2] + ',' + dates[2]
            q3 = pro[3] + ',' + dates[3]
            q4 = pro[4] + ',' + dates[4]
            dbcur.execute('update projects set t1="{}",t2=
"{}",t3="{}",t4="{}",t5="{}" where sid="{}''.format(
                q0, q1, q2, q3, q4, sid.get()))
            msgb.showinfo(
                'Message', 'Operation successful.')
            dbcon.commit()
            projects()
        except TypeError:
            msgb.showwarning(
                'Unexpected error', 'Please check all entr
ies and try again or later.')
    b52 = bt(f16, image=p51, bd=0, font=('SF Pro Display', 15), bg
='#000000',
              fg='#249ADF', activebackground='#000000', command=pro
jects_save)
    b52.place(relx=0.95, rely=0.0875, anchor='center')
    ANIMATE(b52, p51)

    b53 = bt(f16, image=p52, bd=0, font=('sf pro display', 15), bg
='#000000',
              fg='#CF3327', activebackground='#000000', command=pro
jects)
    b53.place(relx=0.85, rely=0.0875, anchor='center')
    ANIMATE(b53, p52)

    b51 = bt(f16, image=p28, bd=0, bg='#000000',
              activebackground='#000000', command=projects_edit)
    b51.place(relx=0.95, rely=0.09, anchor='center')

```

```

ANIMATE(b51, p28)

def assignments(): ##### COMPLETED #####
    dbcur.execute('select sid from attendance')
    global d18
    d18 = dbcur.fetchall()
    if sid.get() == '':
        msgb.showwarning('ID error', ' Please enter a Student ID ')
    if (sid.get(),) not in d18 and sid.get() != '':
        msgb.showwarning('Invalid Student ID',
                          ' Please enter a valid student ID ')
        sid.delete(0, END)
    if (sid.get(),) in d18:
        f4.place_forget()

    f17 = fr(f2, height=500, width=855, bd=0, bg='#000000')
    f17.place(relx=0.5, rely=0.535, anchor='center')

    ld5 = lb(f17, text='Assignments', font=('SF Pro Display',
                                              38, 'bold'), bd=0, bg="#000000",
                                              fg='#FFFFFF')
    ld5.place(relx=0, rely=0.05, anchor='w')

    ld6 = lb(f17, image=p43, bd=0)
    ld6.place(relx=0.5, rely=0.55, anchor='center')

    dbcur.execute(
        'select a1,a2,a3,a4,a5 from assignments where sid="{}"'.format
    (sid.get()))
    d19 = dbcur.fetchall()[0]
    assi = []
    adate = []
    sdate = []
    for i in d19:
        y = i.split(',')
        assi.append(y[0])
        adate.append(y[1])
        sdate.append(y[2])
    for j in range(len(assi)):
        if assi[j] == 'NULL' or assi[j] == None:
            assi[j] = 'N/A'
    for k in range(len(adate)):
        if adate[k] == 'NULL' or adate[k] == None:
            adate[k] = 'N/A'
    for m in range(len(sdate)):
        if sdate[m] == 'NULL' or sdate[m] == None:
            sdate[m] = 'N/A'

```

```

#### ASSIGNMENT ####

ln2 = msg(f17, text=assi[0].strip(),
          bd=0, bg='#404040', fg='#FFFFFF', width=525, font=('SF Pro Disp
lay', 16))
ln2.place(relx=0.29, rely=0.34, anchor='center', height=55)

ln3 = msg(f17, text=assi[1].strip(
          bd=0, bg='#404040', fg='#FFFFFF', width=525, font=('SF Pro Disp
lay', 16))
ln3.place(relx=0.29, rely=0.473, anchor='center', height=55)

ln4 = msg(f17, text=assi[2].strip(
          bd=0, bg='#404040', fg='#FFFFFF', width=525, font=('SF Pro Disp
lay', 16))
ln4.place(relx=0.29, rely=0.612, anchor='center', height=55)

ln5 = msg(f17, text=assi[3].strip(
          bd=0, bg='#404040', fg='#FFFFFF', width=525, font=('SF Pro Disp
lay', 16))
ln5.place(relx=0.29, rely=0.75, anchor='center', height=55)

ln6 = msg(f17, text=assi[4].strip(
          bd=0, bg='#404040', fg='#FFFFFF', width=525, font=('SF Pro Disp
lay', 16))
ln6.place(relx=0.29, rely=0.89, anchor='center', height=55)

#### DATE OF ASSIGNMENT ####

ld5 = lb(f17, text=adate[0], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
ld5.place(relx=0.6275, rely=0.34, anchor='center')

ld6 = lb(f17, text=adate[1], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
ld6.place(relx=0.6275, rely=0.473, anchor='center')

ld7 = lb(f17, text=adate[2], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
ld7.place(relx=0.6275, rely=0.612, anchor='center')

ld8 = lb(f17, text=adate[3], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
ld8.place(relx=0.6275, rely=0.75, anchor='center')

ld9 = lb(f17, text=adate[4], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
ld9.place(relx=0.6275, rely=0.89, anchor='center')

```

```

### DATE OF SUBMISSION ###

lf1 = lb(f17, text=sdate[0], bd=0, bg='#404040',
          fg'#FFFFFF', font('SF Pro Display', 16))
lf1.place(relx=0.8365, rely=0.34, anchor'center')

lf2 = lb(f17, text=sdate[1], bd=0, bg='#404040',
          fg'#FFFFFF', font('SF Pro Display', 16))
lf2.place(relx=0.8365, rely=0.473, anchor'center')

lf3 = lb(f17, text=sdate[2], bd=0, bg='#404040',
          fg'#FFFFFF', font('SF Pro Display', 16))
lf3.place(relx=0.8365, rely=0.612, anchor'center')

lf4 = lb(f17, text=sdate[3], bd=0, bg='#404040',
          fg'#FFFFFF', font('SF Pro Display', 16))
lf4.place(relx=0.8365, rely=0.75, anchor'center')

lf5 = lb(f17, text=sdate[4], bd=0, bg='#404040',
          fg'#FFFFFF', font('SF Pro Display', 16))
lf5.place(relx=0.8365, rely=0.89, anchor'center')

if sdate[0] != 'N/A':
    if str_date(sdate[0]) < date.today():
        lf1.configure(fg'#FF5757')
    if str_date(sdate[0]) == date.today():
        lf1.configure(fg'#E48F2A')
if sdate[1] != 'N/A':
    if str_date(sdate[1]) < date.today():
        lf2.configure(fg'#FF5757')
    if str_date(sdate[1]) == date.today():
        lf2.configure(fg'#E48F2A')
if sdate[2] != 'N/A':
    if str_date(sdate[2]) < date.today():
        lf3.configure(fg'#FF5757')
    if str_date(sdate[2]) == date.today():
        lf3.configure(fg'#E48F2A')
if sdate[3] != 'N/A':
    if str_date(sdate[3]) < date.today():
        lf4.configure(fg'#FF5757')
    if str_date(sdate[3]) == date.today():
        lf4.configure(fg'#E48F2A')
if sdate[4] != 'N/A':
    if str_date(sdate[4]) < date.today():
        lf5.configure(fg'#FF5757')
    if str_date(sdate[4]) == date.today():
        lf5.configure(fg'#E48F2A')

```

```

def assignment_edit():

    b54.place_forget()

    a1 = tx(f17, bd=0, bg='#404040', fg='#FFFFFF',
            font=('SF Pro Display', 16), height=2)
    a1.place(relx=0.29, rely=0.34, anchor='center', width=350)
    a1.insert(1.0, assi[0].strip())

    a2 = tx(f17, bd=0, bg='#404040', fg='#FFFFFF',
            font=('SF Pro Display', 16), height=2)
    a2.place(relx=0.29, rely=0.473, anchor='center', width=350)
    a2.insert(1.0, assi[1].strip())

    a3 = tx(f17, bd=0, bg='#404040', fg='#FFFFFF',
            font=('SF Pro Display', 16), height=2)
    a3.place(relx=0.29, rely=0.612, anchor='center', width=350)
    a3.insert(1.0, assi[2].strip())

    a4 = tx(f17, bd=0, bg='#404040', fg='#FFFFFF',
            font=('SF Pro Display', 16), height=2)
    a4.place(relx=0.29, rely=0.75, anchor='center', width=350)
    a4.insert(1.0, assi[3].strip())

    a5 = tx(f17, bd=0, bg='#404040', fg='#FFFFFF',
            font=('SF Pro Display', 16), height=2)
    a5.place(relx=0.29, rely=0.89, anchor='center', width=350)
    a5.insert(1.0, assi[4].strip())

#### A-DATE ####

    lb(f17, image=p46, bd=0).place(
        relx=0.6275, rely=0.34, anchor='center')
    a6 = ent(f17, bd=0, bg='#F2F2F2', font=(
        'SF Pro Display', 16), width=10)
    a6.place(relx=0.6275, rely=0.34, anchor='center')
    a6.insert(0, adate[0])

    lb(f17, image=p46, bd=0).place(
        relx=0.6275, rely=0.473, anchor='center')
    a7 = ent(f17, bd=0, bg='#F2F2F2', font=(
        'SF Pro Display', 16), width=10)
    a7.place(relx=0.6275, rely=0.473, anchor='center')
    a7.insert(0, adate[1])

    lb(f17, image=p46, bd=0).place(
        relx=0.6275, rely=0.612, anchor='center')

```

```

a8 = ent(f17, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10)
a8.place(relx=0.6275, rely=0.612, anchor='center')
a8.insert(0, adate[2])

lb(f17, image=p46, bd=0).place(
    relx=0.6275, rely=0.75, anchor='center')
a9 = ent(f17, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10)
a9.place(relx=0.6275, rely=0.75, anchor='center')
a9.insert(0, adate[3])

lb(f17, image=p46, bd=0).place(
    relx=0.6275, rely=0.89, anchor='center')
c1 = ent(f17, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10)
c1.place(relx=0.6275, rely=0.89, anchor='center')
c1.insert(0, adate[4])

##### S-DATE #####
lb(f17, image=p46, bd=0).place(
    relx=0.8365, rely=0.34, anchor='center')
c2 = ent(f17, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10)
c2.place(relx=0.8365, rely=0.34, anchor='center')
c2.insert(0, sdate[0])

lb(f17, image=p46, bd=0).place(
    relx=0.8365, rely=0.473, anchor='center')
c3 = ent(f17, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10)
c3.place(relx=0.8365, rely=0.473, anchor='center')
c3.insert(0, sdate[1])

lb(f17, image=p46, bd=0).place(
    relx=0.8365, rely=0.612, anchor='center')
c4 = ent(f17, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10)
c4.place(relx=0.8365, rely=0.612, anchor='center')
c4.insert(0, sdate[2])

lb(f17, image=p46, bd=0).place(
    relx=0.8365, rely=0.75, anchor='center')
c5 = ent(f17, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10)
c5.place(relx=0.8365, rely=0.75, anchor='center')
c5.insert(0, sdate[3])

```

```

lb(f17, image=p46, bd=0).place(
    relx=0.8365, rely=0.89, anchor='center')
c6 = ent(f17, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10)
c6.place(relx=0.8365, rely=0.89, anchor='center')
c6.insert(0, sdate[4])

def assignment_save():
    a1get = [a1.get(1.0, END).strip(), a2.get(1.0, END).strip(
), a3.get(
    1.0, END).strip(), a4.get(1.0, END).strip(), a5.get(1.
0, END).strip()]
    adget = [a6.get().strip(), a7.get().strip(), a8.get(
).strip(), a9.get().strip(), c1.get().strip()]
    sget = [c2.get().strip(), c3.get().strip(), c4.get(
).strip(), c5.get().strip(), c6.get().strip()]
    g = 0
    z = 0
    p = 0
    for x in range(5):
        if a1get[x] == '' or adget[x] == '' or sget[x] == '':
            g += 1
        if a1get[x] == 'N/A':
            if adget[x] != 'N/A':
                p += 1
            if sget[x] != 'N/A':
                p += 1
        elif a1get[x] != 'N/A':
            if adget[x] == 'N/A':
                p += 1
            if sget[x] == 'N/A':
                p += 1
        elif a1get[x] != 'N/A' and adget[x] != 'N/A' and sget[
x] != 'N/A':
            for v in adget[x]:
                if v in list('abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ'):
                    z += 1
            for c in sget[x]:
                if c in list('abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ'):
                    z += 1
    if g != 0:
        msgb.showwarning(
            'Invalid entry', 'Please fill all fields and try a
gain ')

```

```

if z != 0 and g == 0:
    msgb.showwarning('Invalid entry', 'Please enter a valid date.\n\n'
                      'To leave an empty record, enter N/A in all 3 parameters.')
if p != 0 and g == 0:
    msgb.showwarning(
        'Invalid entry', 'Please enter N/A in all 3 parameters if you want to leave it empty.')
else:
    if z == 0 and g == 0 and p == 0:
        try:
            q5 = a1get[0] + '+', '+adget[0]', '+sget[0]
            q6 = a1get[1] + '+', '+adget[1]', '+sget[1]
            q7 = a1get[2] + '+', '+adget[2]', '+sget[2]
            q8 = a1get[3] + '+', '+adget[3]', '+sget[3]
            q9 = a1get[4] + '+', '+adget[4]', '+sget[4]

            dbcur.execute('update assignments set a1="{}", a2="{}", a3="{}", a4="{}", a5="{}" where sid="{}".format(
                q5, q6, q7, q8, q9, sid.get()))
            dbcon.commit()
            msgb.showinfo(
                'Message', 'Operation successful.')
            assignments()
        except:
            msgb.showwarning(
                'Unexpected error', 'Please check all entries and try again or later.')

```

b55 = bt(f17, *image*=p51, *bd*=0, *font*=('SF Pro Display', 15), *bg*='#000000',
fg='#249ADF', *activebackground*='#000000', *command*=assignment_save)
b55.place(*relx*=0.95, *rely*=0.0875, *anchor*='center')
ANIMATE(b55, p51)

b56 = bt(f17, *image*=p52, *bd*=0, *font*=('sf pro display', 15), *bg*='#000000',
fg='#CF3327', *activebackground*='#000000', *command*=assignments)
b56.place(*relx*=0.85, *rely*=0.0875, *anchor*='center')
ANIMATE(b56, p52)

b54 = bt(f17, *image*=p28, *bd*=0, *bg*='#000000',
activebackground='#000000', *command*=assignment_edit)
b54.place(*relx*=0.95, *rely*=0.085, *anchor*='center')
ANIMATE(b54, p28)

```

def about(): ##### COMPLETED #####
    f4.place_forget()
    global f6
    f6 = fr(f2, height=500, width=855, bd=0, bg='#000000')
    f6.place(relx=0.5, rely=0.535, anchor='center')

    l27 = lb(f6, image=p29, bd=0)
    l27.place(relx=0.5, rely=0.55, anchor='center')

    dbcur.execute('select * from about')
    d7 = (dbcur.fetchall())[0][0]

    m1 = msg(f6, text=d7.strip(), bd=0, bg='#232323',
              fg='#FFFFFF', font=('SF Pro Display', 12))
    m1.place(relx=0.5, rely=0.55, anchor='center', width=750, height=400)

    l26 = lb(f6, text='About', font=('SF Pro Display', 38,
                                         'bold'), bd=0, bg='#000000', fg='#FFF
FFF')
    l26.place(relx=0, rely=0.05, anchor='w')

def about_edit():
    m1.place_forget()
    b20.place_forget()

    t1 = tx(f6, bd=0, bg='#232323', fg='#FFFFFF', font=(
        'SF Pro Display', 12), padx=80, pady=10)
    t1.place(relx=0.5, rely=0.55, anchor='center',
             width=750, height=400)
    t1.insert(1.0, d7)

def abt_save():
    if t1.get(1.0, END).strip() == '':
        msgb.showwarning(
            'Invalid entry', ' Entry is empty, Please try again. ')
    else:
        about()
    else:
        try:
            dbcur.execute(
                'update about set text="{}"'.format(t1.get(1.0, EN
D)))
            dbcon.commit()
            about()
        except:
            msgb.showinfo('Unexpected error',
                         'Please check the entry and try again.')

```

```

b21 = bt(f6, image=p51, bd=0, font=('SF Pro Display', 15), bg='#000000',
          fg='#249ADF', activebackground='#000000', command=abt_sav
e)
b21.place(relx=0.95, rely=0.0875, anchor='center')
ANIMATE(b21, p51)

b22 = bt(f6, image=p52, bd=0, font=('sf pro display', 15), bg='#000000',
          fg='#CF3327', activebackground='#000000', command=about)
b22.place(relx=0.85, rely=0.0875, anchor='center')
ANIMATE(b22, p52)

b20 = bt(f6, image=p28, bd=0, bg='#000000',
          activebackground='#000000', command=about_edit)
b20.place(relx=0.95, rely=0.09, anchor='center')
ANIMATE(b20, p28)

#####
# STUDENT SIDE #
#####

def studenthome(): ##### COMPLETED #####
    f1.place_forget()

    global f2
    f2 = fr(win, bd=0, height=650, width=1150, bg='#000000') # bigger one
    f2.place(relx=0.5, rely=0.5, anchor='center')

    global f3
    f3 = fr(win, bd=0, height=100, width=1150,
             bg='#232323') # smaller one OVER F2
    f3.place(relx=0.5, rely=0, anchor='center')

    l28 = lb(f3, text=DATE, bd=0, font=(
        'SF Pro Display', 13), bg='#232323', fg='#FFFFFF')
    l28.place(relx=0.715, rely=0.755, anchor='center')

    l29 = lb(f2, bd=0, bg='#000000', fg='#FFFFFF',
              font=('SF Pro Display', 22, 'bold'))
    l29.place(relx=0.5, rely=0.105, anchor='center')

#####
# GREETING ACCORDING TO TIME #
#####

if curtime >= time(0, 00, 00) and curtime < time(11, 59, 59):
    l29.configure(text='Good morning !')
if curtime >= time(12, 00, 00) and curtime < time(17, 59, 59):

```

```

    l29.configure(text='Good afternoon !')
if curtime >= time(18, 00, 00) and curtime < time(23, 59):
    l29.configure(text='Good evening !')

l5 = lb(f3, image=p9, bd=0)
l5.place(relx=0.05, rely=0.75, anchor='center')

b6 = bt(f3, image=p10, bd=0, bg='#232323',
         activebackground='#232323', command=main)
b6.place(relx=0.95, rely=0.75, anchor='center')
ANIMATE(b6, p10)

global f4
f4 = fr(f2, height=520, width=875, bd=0,
          bg='#000000') # OVER F2 BELOW F3
f4.place(relx=0.5, rely=0.535, anchor='center')

b7 = bt(f4, image=p11, bd=0, bg='#000000',
         activebackground='#000000', command=sprofile1) # profile
b7.place(relx=0.1385, rely=0.236, anchor='center')
ANIMATE(b7, p11)

b8 = bt(f4, image=p12, bd=0, bg='#000000',
         activebackground='#000000', command=assignments1) # assignmen
ts
b8.place(relx=0.466, rely=0.688, anchor='center')
ANIMATE(b8, p12)

b9 = bt(f4, image=p14, bd=0, bg='#000000',
         activebackground='#000000', command=projects1) # projects
b9.place(relx=0.392, rely=0.182, anchor='center')
ANIMATE(b9, p14)

b10 = bt(f4, image=p18, bd=0, bg='#000000',
          activebackground='#000000', command=marks1) # marks
b10.place(relx=0.7515, rely=0.182, anchor='center')
ANIMATE(b10, p18)

b11 = bt(f4, image=p16, bd=0, bg='#000000',
          activebackground='#000000', command=attendance1) # attendance
e
b11.place(relx=0.13855, rely=0.62, anchor='center')
ANIMATE(b11, p16)

b12 = bt(f4, image=p15, bd=0, bg='#000000',
          activebackground='#000000', command=events1) # events
b12.place(relx=0.13855, rely=0.8825, anchor='center')
ANIMATE(b12, p15)

```

```

b13 = bt(f4, image=p19, bd=0, bg'#000000',
          activebackground'#000000', command=passr1) # passreset
b13.place(relx=0.738, rely=0.52, anchor'center')
ANIMATE(b13, p19)

b14 = bt(f4, image=p17, bd=0, bg'#000000',
          activebackground'#000000', command=about1) # about
b14.place(relx=0.912, rely=0.52, anchor'center')
ANIMATE(b14, p17)

b15 = bt(f4, image=p13, bd=0, bg'#000000',
          activebackground'#000000', command=fee_details1) # fee
b15.place(relx=0.8263, rely=0.828, anchor'center')
ANIMATE(b15, p13)

b16 = bt(f3, image=p20, bd=0, bg'#232323', activebackground'#232323'
,
          command=studenthome) # studenthome button
b16.place(relx=0.5, rely=0.75, anchor'center')
ANIMATE(b16, p20)

dbc.cur.execute(
    'select sname from sprofile where sid="{}" '.format(stid.get()))
gr = dbc.cur.fetchall()
msgl = ['Hi !', 'Hey !', 'Bonjour !']
greeting = choice(msgl)+'+(gr[0][0].split())[0]

l12 = lb(f3, text=greeting, font('SF Pro Display', 18),
          bd=0, bg'#232323', fg'#FFFFFF')
l12.place(relx=0.275, rely=0.75, anchor'center')

def passr1(): ##### COMPLETED #####
def spassreset1():
    l32 = lb(f7, text'Current password : ', bd=0, font=(
        'SF Pro Display', 16), bg'#232323', fg'#FFFFFF')
    l32.place(relx=0.2, rely=0.3, anchor'w')

    l54 = lb(f7, text'New password : ', bd=0, font=(
        'SF Pro Display', 16), bg'#232323', fg'#FFFFFF')
    l54.place(relx=0.2, rely=0.4, anchor'w')

    l55 = lb(f7, text'Confirm new password : ', bd=0, font=(
        'SF Pro Display', 16), bg'#232323', fg'#FFFFFF')
    l55.place(relx=0.2, rely=0.5, anchor'w')

    l56 = lb(f7, image=p33, bd=0)
    l57 = lb(f7, image=p33, bd=0)

```

```

158 = lb(f7, image=p33, bd=0)
156.place(relx=0.45, rely=0.3, anchor='w')
157.place(relx=0.45, rely=0.4, anchor='w')
158.place(relx=0.45, rely=0.5, anchor='w')

Curpass = ent(f7, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10) # current
Curpass.place(relx=0.475, rely=0.3, anchor='w')

newpass = ent(f7, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10) # new
newpass.place(relx=0.475, rely=0.4, anchor='w')

cnewpass = ent(f7, bd=0, bg='#F2F2F2', font=(
    'SF Pro Display', 16), width=10) # new confirmed
cnewpass.place(relx=0.475, rely=0.5, anchor='w')

def spass_save():
    dbcur.execute(
        'select pass from slogin where id="{}"'.format(stid.get()))
)
    d5 = dbcur.fetchall()
    try:
        if (Curpass.get(),) in d5:
            if newpass.get() == '':
                msgb.showwarning(
                    'Empty entry', ' Please enter new password.')
            )
            if cnewpass.get() != newpass.get() and newpass.get(
) != '':
                msgb.showwarning(
                    'Incorrect entry', ' New passwords do no match
,\n please try again.')
                newpass.delete(0, END)
                cnewpass.delete(0, END)
            if newpass.get() == cnewpass.get() and newpass.get(
) != '':
                dbcur.execute('update slogin set pass="{}" where i
d="{}"'.format(
                    cnewpass.get(), stid.get()))
                dbcon.commit()
                msgb.showinfo('Operation successful',
                    'Password changed successfully.')
                studenthome()
            else:
                msgb.showwarning(
                    'Invalid ID', 'Current password is incorrect, Plea
se try again.')

```

```

    except:
        msgb.showinfo('Unexpected error',
                      'Please check all fields and try again.')

b26 = bt(f7, text='Save', bd=0, font=('SF Pro Display', 15), bg='#232323',
232323',
                     fg='#249ADF', activebackground='#232323', command=spass_s
ave)
b26.place(relx=0.7, rely=0.6, anchor='center')

f4.place_forget()
global f7
f7 = fr(f2, height=500, width=855, bd=0, bg='#000000')
f7.place(relx=0.5, rely=0.535, anchor='center')

l30 = lb(f7, image=p29, bd=0)
l30.place(relx=0.5, rely=0.55, anchor='center')

l31 = lb(f7, text='Password reset', font=('SF Pro Display',
38, 'bold'), bd=0, bg='#0000
00', fg='#FFFFFF')
l31.place(relx=0, rely=0.05, anchor='w')

spassreset1()

def sprofile1(): ##### COMPLETED #####
f4.place_forget()
global f5
f5 = fr(f2, height=500, width=855, bd=0, bg='#000000')
f5.place(relx=0.5, rely=0.535, anchor='center')

l16 = lb(f5, text='Profile', font=('SF Pro Display',
38, 'bold'), bd=0, bg='#000000', fg=
'#FFFFFF')
l16.place(relx=0, rely=0.05, anchor='w')

dbc.cur.execute(
    'select * from sprofile where sid="{}"'.format(stid.get()))
d6 = dbc.cur.fetchall()
rec = d6[0]

l110 = lb(f5, image=p25, bd=0)
l110.place(relx=0.5, rely=0.55, anchor='center')

if rec[10] in ['male', 'Male', 'M', 'm']:
    l113 = lb(f5, image=p26, bd=0)
    l113.place(relx=0.095, rely=0.375, anchor='center')
if rec[10] in ['female', 'Female', 'F', 'f']:

```

```

113 = lb(f5, image=p27, bd=0)
113.place(relx=0.095, rely=0.375, anchor='center')

114 = lb(f5, text='{}'.format(rec[2]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # sname
114.place(relx=0.29, rely=0.29, anchor='w')

115 = lb(f5, text='{}'.format(rec[5]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # student ph
115.place(relx=0.29, rely=0.383, anchor='w')

116 = lb(f5, text='{}'.format(rec[9]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # year
116.place(relx=0.29, rely=0.475, anchor='w')

117 = lb(f5, text='{}'.format(rec[1]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # admission nu
mbert
117.place(relx=0.6925, rely=0.29, anchor='w')

118 = lb(f5, text='{}'.format(rec[8]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # course
118.place(relx=0.6925, rely=0.383, anchor='w')

119 = lb(f5, text='{}'.format(rec[0]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # id
119.place(relx=0.5425, rely=0.473, anchor='w')

120 = lb(f5, text='{}'.format(rec[11]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # blood group
120.place(relx=0.825, rely=0.473, anchor='w')

121 = lb(f5, text='{}'.format(rec[3]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # fname
121.place(relx=0.29, rely=0.688, anchor='w')

122 = lb(f5, text='{}'.format(rec[6]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # father ph
122.place(relx=0.29, rely=0.782, anchor='w')

123 = lb(f5, text='{}'.format(rec[4]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # mname
123.place(relx=0.78, rely=0.688, anchor='w')

124 = lb(f5, text='{}'.format(rec[7]), bd=0, font=(
    'SF Pro Display', 16), bg='#232323', fg='#FFFFFF') # mother ph
124.place(relx=0.78, rely=0.782, anchor='w')

```

```

125 = lb(f5, text='{}'.format(rec[10].capitalize()), bd=0, font=(
    'SF Pro Display', 15), bg='#232323', fg'#FFFFFF') # gender
125.place(relx=0.095, rely=0.515, anchor='center')

def marks1(): ##### COMPLETED #####
f4.place_forget()

global f10
f10 = fr(f2, height=500, width=855, bd=0, bg'#000000')
f10.place(relx=0.5, rely=0.535, anchor='center')

159 = lb(f10, text'Mark details', font('SF Pro Display',
            38, 'bold'), bd=0, bg'#000000
0', fg'#FFFFFF')
159.place(relx=0, rely=0.05, anchor='w')

160 = lb(f10, image=p34, bd=0)
160.place(relx=0.5, rely=0.56, anchor='center')

dbc.cur.execute('select * from marks where sid="{}"'.format(stid.get()))
d10 = dbc.cur.fetchall()
rec1 = list(d10[0])
for y in range(0, len(rec1)):
    if rec1[y] == None:
        rec1[y] = 'NULL'

    if rec1[1] != 'NULL':
        161 = lb(f10, text=rec1[1], bd=0, font=(
            'SF Pro Display', 15), bg'#232323', fg'#FFFFFF') # mid sem
1
        161.place(relx=0.53, rely=0.315, anchor='center')

        162 = lb(f10, text=(
            rec1[1]+'%'), bd=0, font('SF Pro Display', 15), bg'#232323',
fg'#FFFFFF')
        162.place(relx=0.82, rely=0.315, anchor='center')
    else:
        177 = lb(f10, text'N/A', bd=0, font('SF Pro Display', 15),
                  bg'#232323', fg'#FFFFFF') # mid sem 1
        177.place(relx=0.53, rely=0.315, anchor='center')

        178 = lb(f10, text'N/A', bd=0, font('SF Pro Display', 15),
                  bg'#232323', fg'#FFFFFF')
        178.place(relx=0.82, rely=0.315, anchor='center')

    if rec1[2] != 'NULL':
        163 = lb(f10, text=rec1[2], bd=0, font=(

```

```

        'SF Pro Display', 15), bg='#232323', fg'#FFFFFF') # sem final
l 1
163.place(relx=0.53, rely=0.375, anchor'center')

164 = lb(f10, text=(
    rec1[2]%''), bd=0, font('SF Pro Display', 15), bg'#232323',
fg'#FFFFFF')
164.place(relx=0.82, rely=0.375, anchor'center')
else:
    179 = lb(f10, text'N/A', bd=0, font('SF Pro Display', 15),
              bg'#232323', fg'#FFFFFF') # sem final 1
    179.place(relx=0.53, rely=0.375, anchor'center')

    180 = lb(f10, text'N/A', bd=0, font('SF Pro Display', 15),
              bg'#232323', fg'#FFFFFF')
    180.place(relx=0.82, rely=0.375, anchor'center')

if rec1[3] != 'NULL':
    165 = lb(f10, text=rec1[3], bd=0, font=(
        'SF Pro Display', 15), bg'#232323', fg'#FFFFFF') # midsem 2
    165.place(relx=0.53, rely=0.465, anchor'center')

    166 = lb(f10, text=(
        rec1[3]%''), bd=0, font('SF Pro Display', 15), bg'#232323',
fg'#FFFFFF')
    166.place(relx=0.82, rely=0.465, anchor'center')
else:
    165 = lb(f10, text'N/A', bd=0, font('SF Pro Display', 15),
              bg'#232323', fg'#FFFFFF') # midsem 2
    165.place(relx=0.53, rely=0.465, anchor'center')

    166 = lb(f10, text('N/A'), bd=0,
              font('SF Pro Display', 15), bg'#232323', fg'#FFFFFF')
    166.place(relx=0.82, rely=0.465, anchor'center')

if rec1[4] != 'NULL':
    167 = lb(f10, text=rec1[4], bd=0, font=(
        'SF Pro Display', 15), bg'#232323', fg'#FFFFFF') # final 2
    167.place(relx=0.53, rely=0.525, anchor'center')

    168 = lb(f10, text=(
        rec1[4]%''), bd=0, font('SF Pro Display', 15), bg'#232323',
fg'#FFFFFF')
    168.place(relx=0.82, rely=0.525, anchor'center')
else:
    167 = lb(f10, text('N/A'), bd=0, font('SF Pro Display',
              15), bg'#232323', fg'#FF
FFFF') # final 2

```

```

167.place(relx=0.53, rely=0.525, anchor='center')

168 = lb(f10, text=('N/A'), bd=0,
         font=('SF Pro Display', 15), bg='#232323', fg='#FFFFFF')
168.place(relx=0.82, rely=0.525, anchor='center')

if rec1[5] != 'NULL':
    169 = lb(f10, text=rec1[5], bd=0, font=(
        'SF Pro Display', 15), bg='#232323', fg='#FFFFFF') # midsem 3
    169.place(relx=0.53, rely=0.615, anchor='center')

    170 = lb(f10, text=(
        rec1[5]+'%'), bd=0, font=('SF Pro Display', 15), bg='#232323',
    fg='#FFFFFF')
    170.place(relx=0.82, rely=0.615, anchor='center')
else:
    169 = lb(f10, text='N/A', bd=0, font=('SF Pro Display',
        15), bg='#232323', fg='#FF
FFFF') # midsem 3
    169.place(relx=0.53, rely=0.615, anchor='center')

    170 = lb(f10, text='N/A', bd=0,
              font=('SF Pro Display', 15), bg='#232323', fg='#FFFFFF')
    170.place(relx=0.82, rely=0.615, anchor='center')

if rec1[6] != 'NULL':
    171 = lb(f10, text=rec1[6], bd=0, font=(
        'SF Pro Display', 15), bg='#232323', fg='#FFFFFF') # final 3
    171.place(relx=0.53, rely=0.675, anchor='center')

    172 = lb(f10, text=(
        rec1[6]+'%'), bd=0, font=('SF Pro Display', 15), bg='#232323',
    fg='#FFFFFF')
    172.place(relx=0.82, rely=0.675, anchor='center')
else:
    171 = lb(f10, text='N/A', bd=0, font=('SF Pro Display', 15),
        bg='#232323', fg='#FFFFFF') # final 3
    171.place(relx=0.53, rely=0.675, anchor='center')

    172 = lb(f10, text='N/A', bd=0, font=('SF Pro Display', 15),
        bg='#232323', fg='#FFFFFF')
    172.place(relx=0.82, rely=0.675, anchor='center')

if rec1[7] != 'NULL':
    173 = lb(f10, text=rec1[7], bd=0, font=(
        'SF Pro Display', 15), bg='#232323', fg='#FFFFFF') # midsem 4
    173.place(relx=0.53, rely=0.765, anchor='center')

```



```

d14 = list(dbcur.fetchall()[0])
for j in range(0, len(d14)):
    if d14[j] == None or d14[j] == 'NULL':
        d14[j] = 'N/A'
pp1 = [p37, p38, p39]
pp2 = ['All Clear!', 'No dues!', 'No Pending Fees!']
im = choice(pp1)
it = choice(pp2)

198 = lb(f11, image=im, bd=0)
199 = lb(f11, text=it, font=('SF Pro Display', 32, 'bold'),
         bd=0, bg='#232323', fg='#FFFFFF')

if d14[3] == 'Paid' or d14[3] == 'paid':
    198.place(relx=0.5, rely=0.45, anchor='center')
    199.place(relx=0.5, rely=0.65, anchor='center')
else:
    182.place(relx=0.5, rely=0.55, anchor='center')

192 = lb(f11, text='Cycle :', font=('SF Pro Display', 16),
         bd=0, bg='#232323', fg='#249ADF')
192.place(relx=0.2, rely=0.25, anchor='w')

193 = lb(f11, text='Amount :', font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg='#249ADF')
193.place(relx=0.2, rely=0.35, anchor='w')

194 = lb(f11, text='Status :', font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg='#249ADF')
194.place(relx=0.2, rely=0.45, anchor='w')

l100 = lb(f11, text='Due date :', font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg='#249ADF')
l100.place(relx=0.2, rely=0.55, anchor='w')

195 = lb(f11, text=d14[1], font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg='#FFFFFF')
195.place(relx=0.35, rely=0.25, anchor='w')

if d14[2] != 'N/A':
    196 = lb(f11, text=(
        'Rs. '+d14[2]+'/-
    ), font=('SF Pro Display', 16), bd=0, bg='#232323', fg='#FFFFFF')
    196.place(relx=0.35, rely=0.35, anchor='w')
else:
    196 = lb(f11, text=d14[2], font=(
        'SF Pro Display', 16), bd=0, bg='#232323', fg='#FFFFFF')
    196.place(relx=0.35, rely=0.35, anchor='w')

```

```

197 = lb(f11, text=d14[3], font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg'#FFFFFF')
197.place(relX=0.35, rely=0.45, anchor='w')

l101 = lb(f11, text=d14[4], font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg'#FFFFFF')
l101.place(relX=0.35, rely=0.55, anchor='w')

tx1 = ('* The cycle can be any time period, it may be represented
as semesters or even dates.\n'
       '* You can only review the record of the most recent or due
payment only.\n'
       '* Payments can be done only through depositing check, DD,
NEFT, RTGS or by online alternatives\n'
       'such as PayTM, our online portal, Net banking, etc.\n'
       '* Funds once transferred can in no way be refunded, instead
it may be adjusted in future transactions.\n')
m2 = msg(f11, text=tx1, bd=0, bg='#232323', fg'#FFFFFF',
          font=('SF Pro Display', 11), width=800)
m2.place(relX=0.5, rely=0.8, anchor='center')

def events1(): ##### COMPLETED #####
f4.place_forget()

f14 = fr(f2, height=500, width=855, bd=0, bg='#000000')
f14.place(relX=0.5, rely=0.535, anchor='center')

la9 = lb(f14, text='Events', font=('SF Pro Display',
                                         38, 'bold'), bd=0, bg='#000000', fg
='#FFFFFF')
la9.place(relX=0, rely=0.05, anchor='w')

lb1 = lb(f14, image=p40, bd=0)
lb1.place(relX=0.5, rely=0.55, anchor='center')

dbc.cur.execute('select * from events')
d15 = dbc.cur.fetchall()

### EVENTS ###

lm1 = msg(f14, text=d15[0][1].strip(), bd=0, bg='#404040',
           fg'#FFFFFF', width=525, font=('SF Pro Display', 10))
lm1.place(relX=0.085, rely=0.335, anchor='w', height=55)

lm2 = msg(f14, text=d15[1][1].strip(), bd=0, bg='#404040',
           fg'#FFFFFF', width=525, font=('SF Pro Display', 10))
lm2.place(relX=0.085, rely=0.471, anchor='w', height=55)

```

```

lm3 = msg(f14, text=d15[2][1].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 10))
lm3.place(relx=0.085, rely=0.607, anchor='w', height=55)

lm4 = msg(f14, text=d15[3][1].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 10))
lm4.place(relx=0.085, rely=0.745, anchor='w', height=55)

lm5 = msg(f14, text=d15[4][1].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 10))
lm5.place(relx=0.085, rely=0.883, anchor='w', height=55)

### DATES ###

lb2 = lb(f14, text=d15[0][2], bd=0, bg='#404040',
           fg='#FFFFFF', font=('SF Pro Display', 10))
lb2.place(relx=0.775, rely=0.335, anchor='w')

lb3 = lb(f14, text=d15[1][2], bd=0, bg='#404040',
           fg='#FFFFFF', font=('SF Pro Display', 10))
lb3.place(relx=0.775, rely=0.471, anchor='w')

lb4 = lb(f14, text=d15[2][2], bd=0, bg='#404040',
           fg='#FFFFFF', font=('SF Pro Display', 10))
lb4.place(relx=0.775, rely=0.607, anchor='w')

lb5 = lb(f14, text=d15[3][2], bd=0, bg='#404040',
           fg='#FFFFFF', font=('SF Pro Display', 10))
lb5.place(relx=0.775, rely=0.745, anchor='w')

lb6 = lb(f14, text=d15[4][2], bd=0, bg='#404040',
           fg='#FFFFFF', font=('SF Pro Display', 10))
lb6.place(relx=0.775, rely=0.883, anchor='w')

def attendance1(): ##### COMPLETED #####
    f4.place_forget()

    f15 = fr(f2, height=500, width=855, bd=0, bg='#000000')
    f15.place(relx=0.5, rely=0.535, anchor='center')

    lb7 = lb(f15, text='Attendance', font=('SF Pro Display',
                                             38, 'bold'), bd=0, bg='#000000'
             , fg='#FFFFFF')
    lb7.place(relx=0, rely=0.05, anchor='w')

    lb8 = lb(f15, image=p29, bd=0)
    lb8.place(relx=0.5, rely=0.55, anchor='center')

```

```

dbc.cur.execute(
    'select * from attendance where sid="{}"'.format(stid.get()))
global d17
d17 = dbc.cur.fetchall()[0]

lb9 = lb(f15, text='Number of days present :', font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg='#FFFFFF')
lb9.place(relx=0.2, rely=0.2, anchor='w')

lc1 = lb(f15, text='Total number of days :', font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg='#FFFFFF')
lc1.place(relx=0.2, rely=0.275, anchor='w')

lc2 = lb(f15, text=d17[1], font=(
    'SF Pro Display', 16), bd=0, bg='#232323', fg='#249ADF')
lc2.place(relx=0.55, rely=0.2, anchor='w')

lc4 = lb(f15, text='180', font=('SF Pro Display', 16),
          bd=0, bg='#232323', fg='#FFFFFF')
lc4.place(relx=0.55, rely=0.275, anchor='w')

lc5 = lb(f15, text='Status :', font=('SF Pro Display', 16),
          bd=0, bg='#232323', fg='#FFFFFF')
lc5.place(relx=0.2, rely=0.35, anchor='w')

lc6 = lb(f15, text='N/A', font=('SF Pro Display', 16),
          bd=0, bg='#232323', fg='#FFFFFF')
lc6.place(relx=0.55, rely=0.35, anchor='w')

if d17[1] != 'NULL' and d17[1] != None:
    if int(d17[1]) <= 180 and int(d17[1]) >= 163:
        lc6.configure(text='Good', fg='#C9E265')
    if int(d17[1]) <= 162 and int(d17[1]) >= 135:
        lc6.configure(text='Adequate', fg='#8C52FF')
    if int(d17[1]) <= 134 and int(d17[1]) >= 108:
        lc6.configure(text='Low', fg='#FF914D')
    if int(d17[1]) <= 107:
        lc6.configure(text='Critically low', fg='#FF5757')

## GRAPH ##

c1 = cv(f15, width=230, height=230, bd=0,
         bg='#232323', highlightbackground='#232323')
arc = 20, 20, 230, 230
pr = int(d17[1])
ab = 180-(pr)

```

```

c1.create_arc(arc, start=-60, extent="{}".format(-ab),
              fill='#FF5757', outline='#FF5757') # absent right
c1.create_arc(arc, start=0, extent="{}".format(
              pr), fill='#8C52FF', outline='#8C52FF') # present right
c1.create_arc(arc, start="{}".format(pr), extent=120, fill='#C9E26
5',
              outline='#C9E265') # holidays (festivals + weekends
)
c1.create_arc(arc, start=0, extent=-60, fill='#FF914D',
              outline='#FF914D') # permitted leaves
c1.place(relx=0.35, rely=0.65, anchor='center')

lc7 = lb(f15, image=p41, bd=0)
lc7.place(relx=0.68, rely=0.66, anchor='center')

def projects1(): ##### COMPLETED #####
    f4.place_forget()
    f16 = fr(f2, height=500, width=855, bd=0, bg='#000000')
    f16.place(relx=0.5, rely=0.535, anchor='center')

    lc8 = lb(f16, text='Projects', font=('SF Pro Display',
                                         38, 'bold'), bd=0, bg='#000000',
    fg='#FFFFFF')
    lc8.place(relx=0, rely=0.05, anchor='w')

    lc9 = lb(f16, image=p42, bd=0)
    lc9.place(relx=0.5, rely=0.56, anchor='center')

    dbcur.execute(
        'select t1,t2,t3,t4,t5 from projects where sid="{}"'.format(stid.g
et()))
    d19 = dbcur.fetchall()[0]
    proj = []
    date1 = []
    for g in d19:
        y = g.split(',')
        proj.append(y[0])
        date1.append(y[1])
    for d in range(len(proj)):
        if proj[d] == 'NULL' or proj[d] == None:
            proj[d] = 'N/A'
    for f in range(len(date1)):
        if date1[f] == 'NULL' or date1[f] == None:
            date1[f] = 'N/A'

## PROJECT ##

lm6 = msg(f16, text=proj[0].strip(), bd=0, bg='#404040',

```

```

        fg='#FFFFFF', width=525, font=('SF Pro Display', 16))
lm6.place(relx=0.35, rely=0.348, anchor='center', height=55)

lm7 = msg(f16, text=proj[1].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 16))
lm7.place(relx=0.35, rely=0.484, anchor='center', height=55)

lm8 = msg(f16, text=proj[2].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 16))
lm8.place(relx=0.35, rely=0.62, anchor='center', height=55)

lm9 = msg(f16, text=proj[3].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 16))
lm9.place(relx=0.35, rely=0.758, anchor='center', height=55)

ln1 = msg(f16, text=proj[4].strip(), bd=0, bg='#404040',
           fg='#FFFFFF', width=525, font=('SF Pro Display', 16))
ln1.place(relx=0.35, rely=0.896, anchor='center', height=55)

## DATE ##

ld0 = lb(f16, text=date1[0], bd=0, bg='#404040',
          fg='#249ADF', font=('SF Pro Display', 16))
ld0.place(relx=0.785, rely=0.348, anchor='center')

ld1 = lb(f16, text=date1[1], bd=0, bg='#404040',
          fg='#249ADF', font=('SF Pro Display', 16))
ld1.place(relx=0.785, rely=0.484, anchor='center')

ld2 = lb(f16, text=date1[2], bd=0, bg='#404040',
          fg='#249ADF', font=('SF Pro Display', 16))
ld2.place(relx=0.785, rely=0.62, anchor='center')

ld3 = lb(f16, text=date1[3], bd=0, bg='#404040',
          fg='#249ADF', font=('SF Pro Display', 16))
ld3.place(relx=0.785, rely=0.758, anchor='center')

ld4 = lb(f16, text=date1[4], bd=0, bg='#404040',
          fg='#249ADF', font=('SF Pro Display', 16))
ld4.place(relx=0.785, rely=0.896, anchor='center')

if date1[0] != 'N/A':
    if str_date(date1[0]) < date.today():
        ld0.configure(fg='#FF5757')
    if str_date(date1[0]) == date.today():
        ld0.configure(fg='#E48F2A')
if date1[1] != 'N/A':
    if str_date(date1[1]) < date.today():

```

```

        ld1.configure(fg='#FF5757')
    if str_date(date1[1]) == date.today():
        ld1.configure(fg='#E48F2A')
if date1[2] != 'N/A':
    if str_date(date1[2]) < date.today():
        ld2.configure(fg='#FF5757')
    if str_date(date1[2]) == date.today():
        ld2.configure(fg='#E48F2A')
if date1[3] != 'N/A':
    if str_date(date1[3]) < date.today():
        ld3.configure(fg='#FF5757')
    if str_date(date1[3]) == date.today():
        ld3.configure(fg='#E48F2A')
if date1[4] != 'N/A':
    if str_date(date1[4]) < date.today():
        ld4.configure(fg='#FF5757')
    if str_date(date1[4]) == date.today():
        ld4.configure(fg='#E48F2A')

def assignments1(): ##### COMPLETED #####
f4.place_forget()

f17 = fr(f2, height=500, width=855, bd=0, bg='#000000')
f17.place(relx=0.5, rely=0.535, anchor='center')

ld5 = lb(f17, text='Assignments', font=('SF Pro Display',
                                         38, 'bold'), bd=0, bg='#000000',
                                         fg='#FFFFFF')
ld5.place(relx=0, rely=0.05, anchor='w')

ld6 = lb(f17, image=p43, bd=0)
ld6.place(relx=0.5, rely=0.55, anchor='center')

dbc.cur.execute(
    'select a1,a2,a3,a4,a5 from assignments where sid="{}"'.format(sti
d.get()))
d19 = dbc.cur.fetchall()[0]
assi = []
adate = []
sdate = []
for i in d19:
    y = i.split(',')
    assi.append(y[0])
    adate.append(y[1])
    sdate.append(y[2])
for j in range(len(assi)):
    if assi[j] == 'NULL' or assi[j] == None:
        assi[j] = 'N/A'

```

```

for k in range(len(adate)):
    if adate[k] == 'NULL' or adate[k] == None:
        adate[k] = 'N/A'
for m in range(len(sdate)):
    if sdate[m] == 'NULL' or sdate[m] == None:
        sdate[m] = 'N/A'

### ASSIGNMENT ####

ln2 = msg(f17, text=assi[0].strip(), bd=0, bg='#404040',
          fg='#FFFFFF', width=525, font=('SF Pro Display', 16))
ln2.place(relx=0.29, rely=0.34, anchor='center', height=55)

ln3 = msg(f17, text=assi[1].strip(), bd=0, bg='#404040',
          fg='#FFFFFF', width=525, font=('SF Pro Display', 16))
ln3.place(relx=0.29, rely=0.473, anchor='center', height=55)

ln4 = msg(f17, text=assi[2].strip(), bd=0, bg='#404040',
          fg='#FFFFFF', width=525, font=('SF Pro Display', 16))
ln4.place(relx=0.29, rely=0.612, anchor='center', height=55)

ln5 = msg(f17, text=assi[3].strip(), bd=0, bg='#404040',
          fg='#FFFFFF', width=525, font=('SF Pro Display', 16))
ln5.place(relx=0.29, rely=0.75, anchor='center', height=55)

ln6 = msg(f17, text=assi[4].strip(), bd=0, bg='#404040',
          fg='#FFFFFF', width=525, font=('SF Pro Display', 16))
ln6.place(relx=0.29, rely=0.89, anchor='center', height=55)

### DATE OF ASSIGNMENT ###

ld5 = lb(f17, text=adate[0], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
ld5.place(relx=0.6275, rely=0.34, anchor='center')

ld6 = lb(f17, text=adate[1], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
ld6.place(relx=0.6275, rely=0.473, anchor='center')

ld7 = lb(f17, text=adate[2], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
ld7.place(relx=0.6275, rely=0.612, anchor='center')

ld8 = lb(f17, text=adate[3], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
ld8.place(relx=0.6275, rely=0.75, anchor='center')

ld9 = lb(f17, text=adate[4], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))

```

```

        fg='#FFFFFF', font=('SF Pro Display', 16))
ld9.place(relx=0.6275, rely=0.89, anchor='center')

### DATE OF SUBMISSION ###

lf1 = lb(f17, text=sdate[0], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
lf1.place(relx=0.8365, rely=0.34, anchor='center')

lf2 = lb(f17, text=sdate[1], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
lf2.place(relx=0.8365, rely=0.473, anchor='center')

lf3 = lb(f17, text=sdate[2], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
lf3.place(relx=0.8365, rely=0.612, anchor='center')

lf4 = lb(f17, text=sdate[3], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
lf4.place(relx=0.8365, rely=0.75, anchor='center')

lf5 = lb(f17, text=sdate[4], bd=0, bg='#404040',
          fg='#FFFFFF', font=('SF Pro Display', 16))
lf5.place(relx=0.8365, rely=0.89, anchor='center')

if sdate[0] != 'N/A':
    if str_date(sdate[0]) < date.today():
        lf1.configure(fg='#FF5757')
    if str_date(sdate[0]) == date.today():
        lf1.configure(fg='#E48F2A')
if sdate[1] != 'N/A':
    if str_date(sdate[1]) < date.today():
        lf2.configure(fg='#FF5757')
    if str_date(sdate[1]) == date.today():
        lf2.configure(fg='#E48F2A')
if sdate[2] != 'N/A':
    if str_date(sdate[2]) < date.today():
        lf3.configure(fg='#FF5757')
    if str_date(sdate[2]) == date.today():
        lf3.configure(fg='#E48F2A')
if sdate[3] != 'N/A':
    if str_date(sdate[3]) < date.today():
        lf4.configure(fg='#FF5757')
    if str_date(sdate[3]) == date.today():
        lf4.configure(fg='#E48F2A')
if sdate[4] != 'N/A':
    if str_date(sdate[4]) < date.today():
        lf5.configure(fg='#FF5757')

```

```

if str_date(sdate[4]) == date.today():
    lf5.configure(fg='#E48F2A')

def about1(): ##### COMPLETED #####
    f4.place_forget()
    global f6
    f6 = fr(f2, height=500, width=855, bd=0, bg='#000000')
    f6.place(relx=0.5, rely=0.535, anchor='center')

    l27 = lb(f6, image=p29, bd=0)
    l27.place(relx=0.5, rely=0.55, anchor='center')

    dbcur.execute('select * from about')
    d7 = (dbcur.fetchall())[0][0]

    m1 = msg(f6, text=d7.strip(), bd=0, bg='#232323',
              fg='#FFFFFF', font=('SF Pro Display', 12))
    m1.place(relx=0.5, rely=0.55, anchor='center', width=750, height=400)

    l26 = lb(f6, text='About', font=('SF Pro Display', 38,
                                         'bold'), bd=0, bg='#000000', fg='#FFF
FFF')
    l26.place(relx=0, rely=0.05, anchor='w')

def adlogin(): ##### COMPLETED #####
    adminbt.place_forget()
    studentbt.place_forget()

    l7 = lb(f1, image=p21, bd=0)
    l7.place(relx=0.75, rely=0.61, anchor='center')

    l3 = lb(f1, text='ID', bg='#232323',
            fg='#FFFFFF', font=('SF Pro Display', 15))
    l3.place(relx=0.64, rely=0.54, anchor='center')

    l4 = lb(f1, text='Password', bg='#232323',
            fg='#FFFFFF', font=('SF Pro Display', 15))
    l4.place(relx=0.64, rely=0.6, anchor='center')

    l8 = lb(f1, image=p23, bd=0)
    l8.place(relx=0.8, rely=0.54, anchor='center')

    l9 = lb(f1, image=p23, bd=0)
    l9.place(relx=0.8, rely=0.6, anchor='center')

    global aid
    aid = ent(f1, bd=0, font=('SF Pro Display', 12))
    aid.place(relx=0.8, rely=0.54, anchor='center')

```

```

key = ent(f1, bd=0, show='*', font('SF Pro Display', 12))
key.place(relx=0.8, rely=0.6, anchor'center')

def adverify():
    dbcur.execute('select id from adminlogin')
    global d8
    d8 = dbcur.fetchall()
    if aid.get() == '' or key.get() == '':
        msgb.showwarning(
            'Invalid entry', 'Please fill both fields.')
        key.delete(0, END)

    # ((id.get()).startswith('Taiit') == False or Len(id.get()) <= 5)
    if (aid.get(),) not in d8 and (aid.get() != '' and key.get() != '')
    ):
        msgb.showwarning('Invalid entry', 'Invalid ID')
        aid.delete(0, END)
        key.delete(0, END)

    for i in d8:
        if aid.get() == i[0]:
            dbcur.execute(
                'select pass from adminlogin where id="{}"'.format(aid
.get()))
            d9 = dbcur.fetchall()
            if key.get() == d9[0][0]:
                adminhome()
            elif key.get() != d9[0][0] and key.get() != '':
                msgb.showwarning(
                    'Invalid entry', 'There was an error, Incorrect ID
and Password combination.')
                key.delete(0, END)

b3 = bt(f1, image=p7, bd=0, bg='#232323',
         activebackground='#232323', command=adverify)
b3.place(relx=0.85, rely=0.69, anchor'center')
ANIMATE(b3, p7)

b4 = bt(f1, text='Forgot your Password ?', font('SF Pro Display', 10,
UNDERLINE),
         bd=0, bg='#232323', fg='#737373', activebackground='#232323',
command=forgpass)
b4.place(relx=0.83, rely=0.643, anchor'center')

b5 = bt(f1, image=p8, bd=0, bg='#000000',
         activebackground='#000000', command=main)
b5.place(relx=0.03, rely=0.05, anchor'center')

```

```

ANIMATE(b5, p8)

def stlogin():
    adminbt.place_forget()
    studentbt.place_forget()

    l7 = lb(f1, image=p21, bd=0)
    l7.place(relx=0.75, rely=0.61, anchor='center')

    l3 = lb(f1, text='ID', bg='#232323',
            fg='#FFFFFF', font=('SF Pro Display', 15))
    l3.place(relx=0.64, rely=0.54, anchor='center')

    l4 = lb(f1, text='Password', bg='#232323',
            fg='#FFFFFF', font=('SF Pro Display', 15))
    l4.place(relx=0.64, rely=0.6, anchor='center')

    l8 = lb(f1, image=p23, bd=0)
    l8.place(relx=0.8, rely=0.54, anchor='center')

    l9 = lb(f1, image=p23, bd=0)
    l9.place(relx=0.8, rely=0.6, anchor='center')

    global stid
    stid = ent(f1, bd=0, font=('SF Pro Display', 12))
    stid.place(relx=0.8, rely=0.54, anchor='center')

    skey = ent(f1, bd=0, show='*', font=('SF Pro Display', 12))
    skey.place(relx=0.8, rely=0.6, anchor='center')

def stverify():
    dbcur.execute('select id from slogin')
    global d8
    d8 = dbcur.fetchall()
    if stid.get() == '' or skey.get() == '':
        msgb.showwarning(
            'Invalid entry', 'Please fill both fields.')
        skey.delete(0, END)

    if (stid.get(),) not in d8 and (stid.get() != '' and skey.get() != ''):
        msgb.showwarning('Invalid entry', 'Invalid ID')
        stid.delete(0, END)
        skey.delete(0, END)

    for i in d8:
        if stid.get() == i[0]:
            dbcur.execute(

```

```

        'select pass from slogin where id="{}"'.format(stid.get()))
d9 = dbcur.fetchall()
if skey.get() == d9[0][0]:
    studenthome()
elif skey.get() != d9[0][0] and skey.get() != '':
    msgb.showwarning(
        'Invalid entry', 'There was an error, Incorrect ID
and Password combination.')
    skey.delete(0, END)

def forgpassmsg():
    lb(f1, text='To reset your account password, Please contact the Ad
ministrator.',
       bg='#000000', fg='#FFFFFF', font=('SF Pro Display', 12)).place(
    relx=0.75, rely=0.85, anchor='center')

    b3 = bt(f1, image=p7, bd=0, bg='#232323',
            activebackground='#232323', command=stverify)
    b3.place(relx=0.85, rely=0.69, anchor='center')
    ANIMATE(b3, p7)

    b4 = bt(f1, text='Forgot your Password ?', font=('SF Pro Display', 10,
UNDERLINE),
           bd=0, bg='#232323', fg='#737373', activebackground='#232323',
           command=forgpassmsg)
    b4.place(relx=0.83, rely=0.643, anchor='center')

    b5 = bt(f1, image=p8, bd=0, bg='#000000',
            activebackground='#000000', command=main)
    b5.place(relx=0.03, rely=0.05, anchor='center')
    ANIMATE(b5, p8)

def main(): ##### COMPLETED #####
    # main frame

    global f1
    f1 = fr(win, height=650, width=1150, bd=0, bg='#000000')
    f1.place(relx=0.5, rely=0.5, anchor='center')

    # universitrelly Logo

    l = lb(f1, image=p1, bd=0, bg='#000000')
    l.place(relx=0.25, rely=0.5, anchor='center')

    # sign in prompt

```

```

l1 = lb(f1, text='Please Sign In.', bg='#000000',
        fg'#FFFFFF', font('SF Pro Display', 38, 'bold'))
l1.place(relx=0.75, rely=0.35, anchor='center')

# Login button 1

global adminbt
adminbt = bt(f1, image=p2, bd=0, bg='#000000',
             activebackground='#000000', command=adlogin)
adminbt.place(relx=0.75, rely=0.525, anchor='center')

# Login button 2

global studentbt
studentbt = bt(f1, image=p53, bd=0, bg='#000000',
               activebackground='#000000', command=stlogin)
studentbt.place(relx=0.75, rely=0.64, anchor='center')

def hovereffect():
    def switch1(a):
        adminbt.configure(image=p3)
        adminbt.image = p3

    def reverse1(a):
        adminbt.configure(image=p2)
        adminbt.image = p2

    def switch2(a):
        studentbt.configure(image=p54)
        studentbt.image = p54

    def reverse2(a):
        studentbt.configure(image=p53)
        studentbt.image = p53

    adminbt.bind('<Enter>', switch1)
    adminbt.bind('<Leave>', reverse1)
    studentbt.bind('<Enter>', switch2)
    studentbt.bind('<Leave>', reverse2)
hovereffect()

# division bar

l2 = lb(f1, image=p6, bd=0, bg="#000000")
l2.place(relx=0.5, rely=0.55, anchor='center')

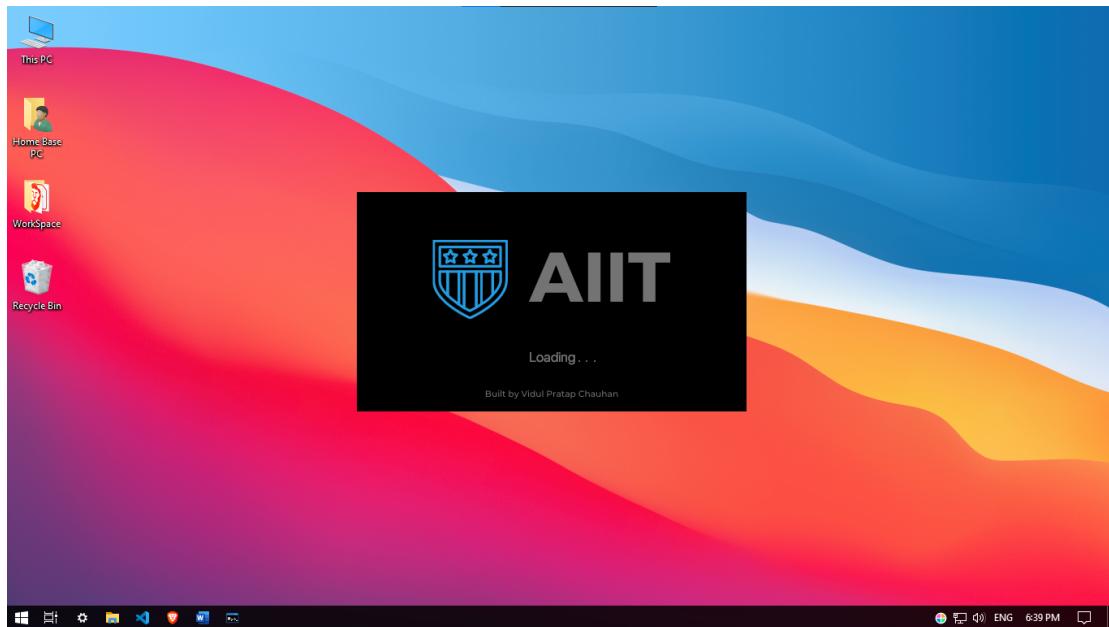
win.mainloop()

```

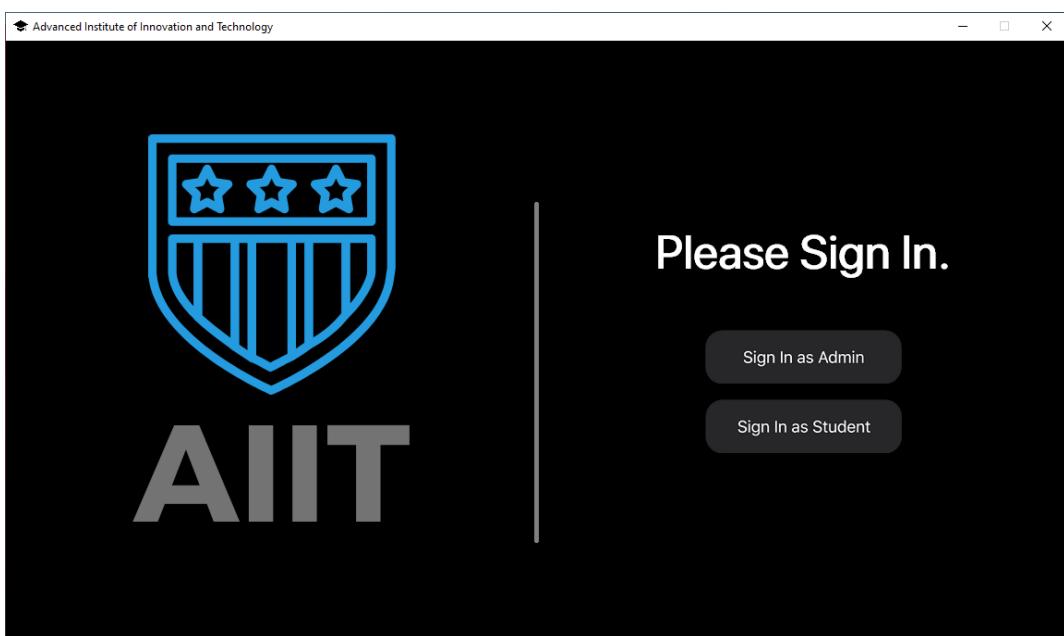

PHONE.PY

OUTPUT SCREENS

- **Startup window :**

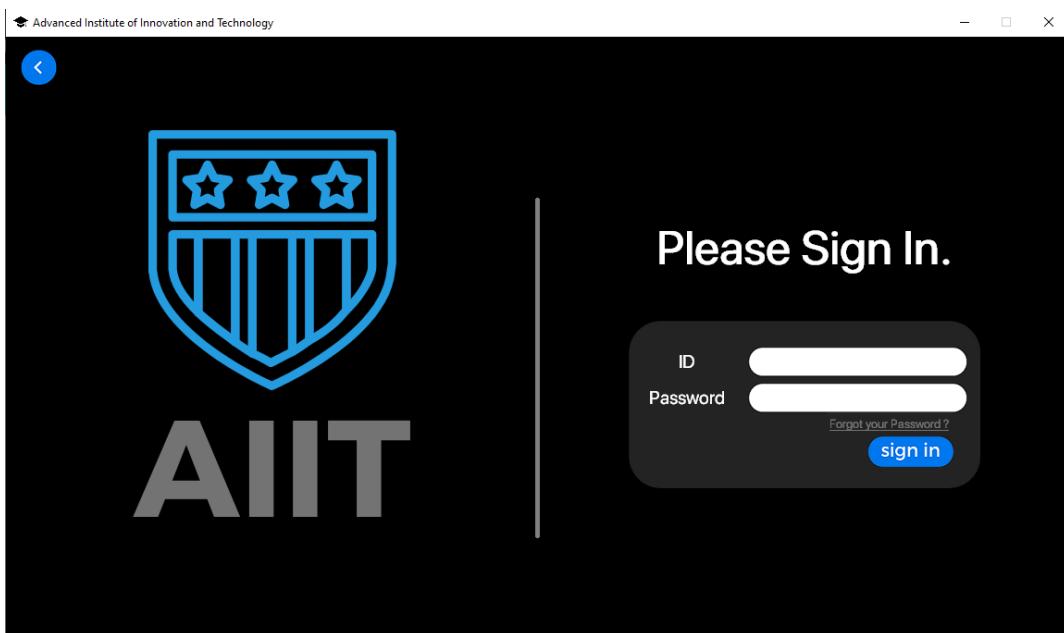


- **Main page :**



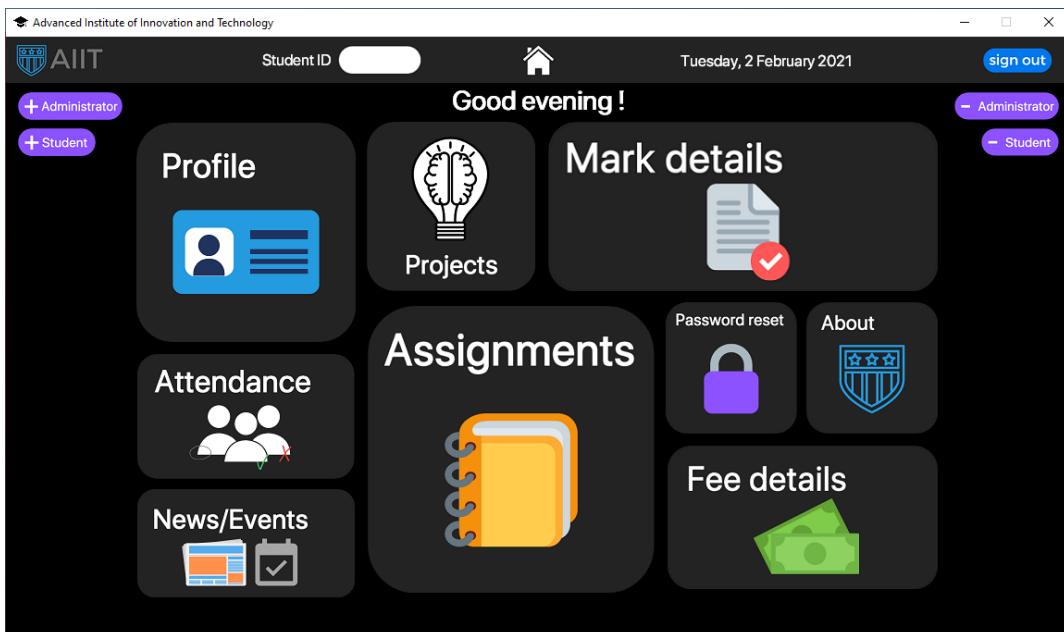
When signing in as Administrator

- **Login page :**

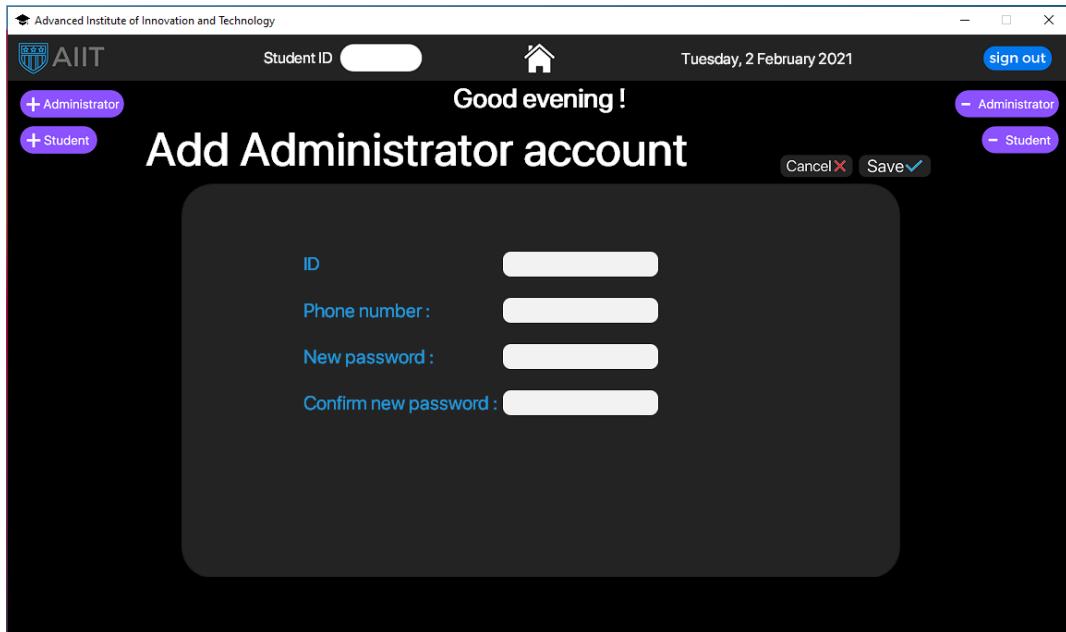


Output screens for "Forgot password" button are displayed on page 11 and 12 .

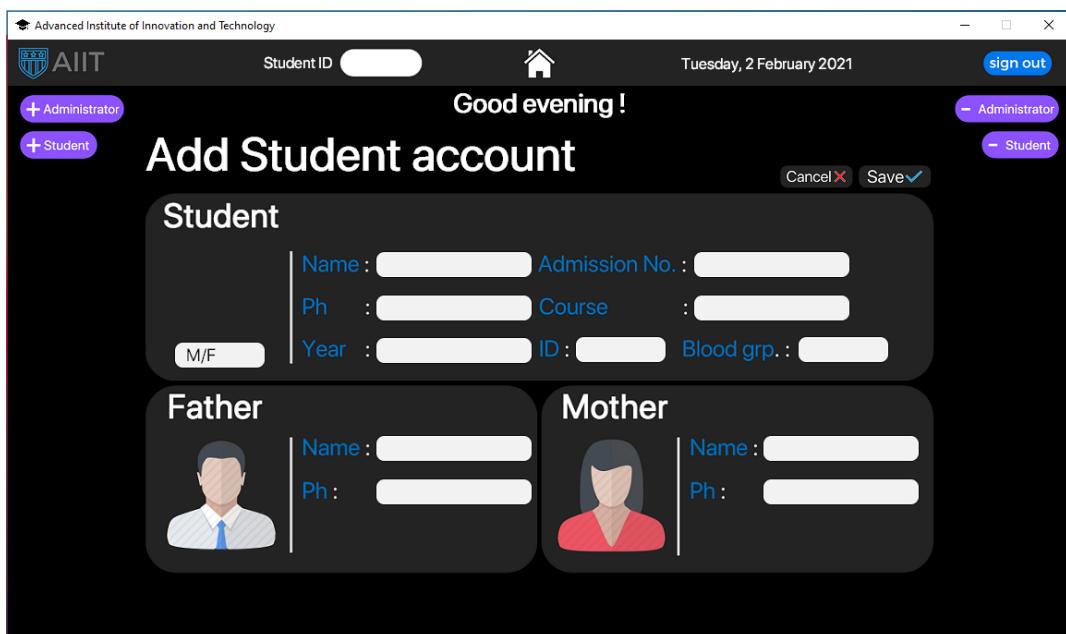
- **Home page :**



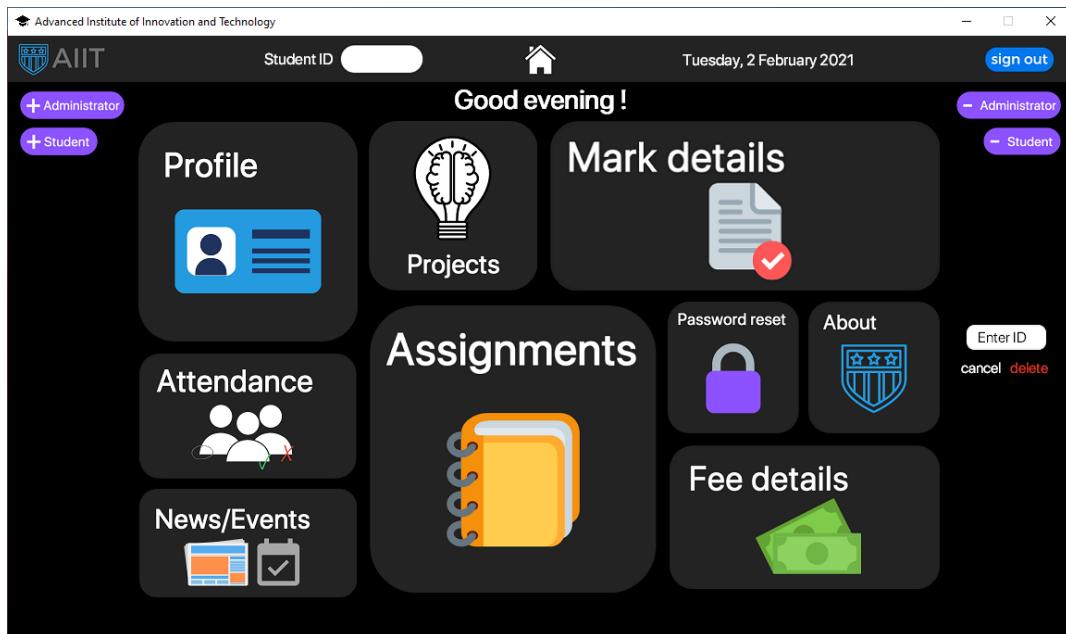
- **Add Administrator account :**



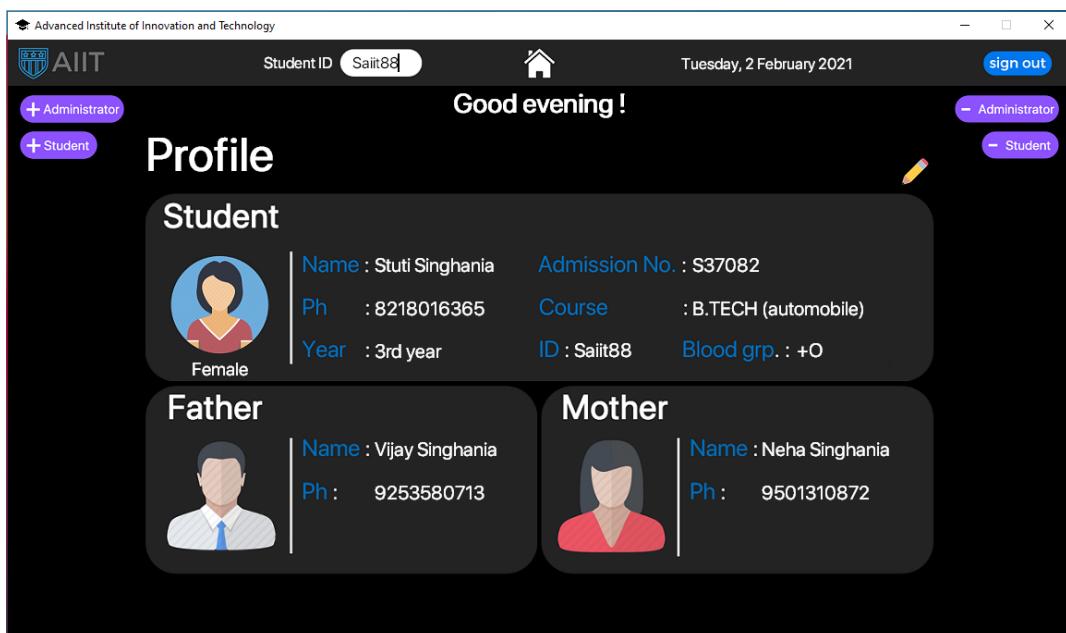
- **Add Student account:**



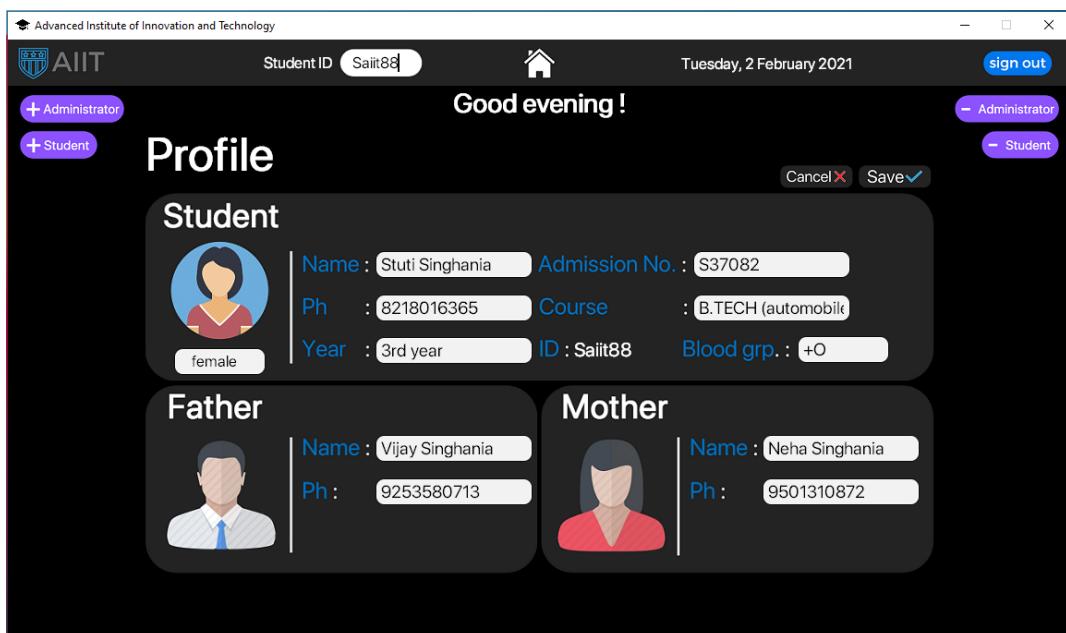
- **Delete Administrator/Student account :**



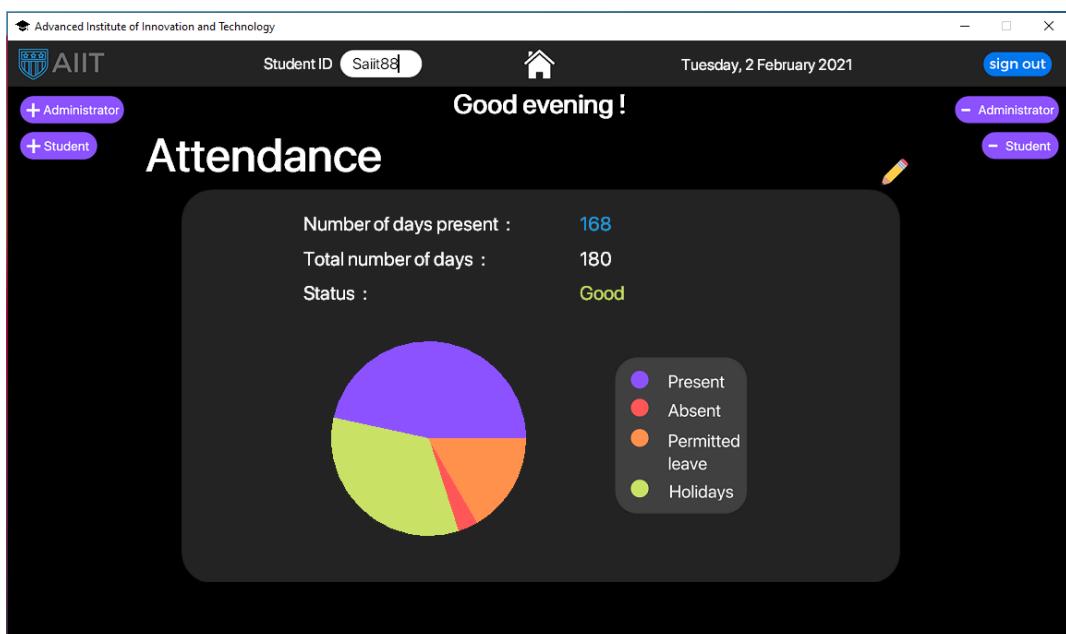
- **Profile page :**



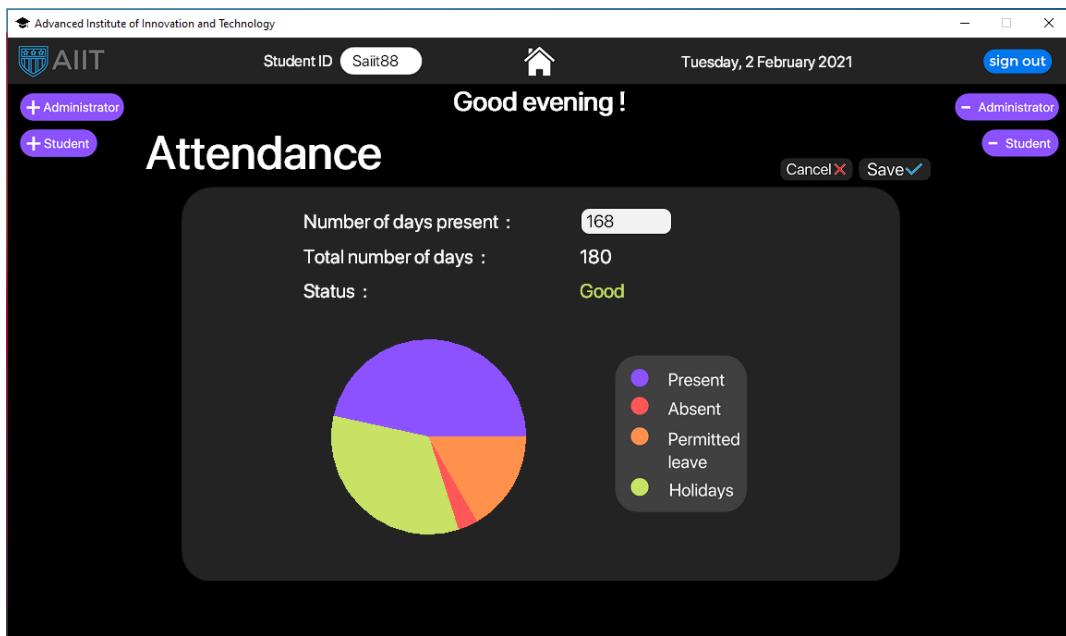
- **Profile edit page :**



- **Attendance page :**



- **Attendance edit page :**



- **News/Events page :**

News/events	date
Pre-final optional tests to be conducted in march, for further details contact examination committee	2020-12-16
The Techfest 2020 is postponed due to Covid-19, new dates will be announced soon.	2020-11-29
Students are requested to go through the new guidelines for the code of conduct during this pandemic, issued by the STC (Student welfare committee) listed on every online platform and also individually sent to students rooms in circulars	2021-01-01
All hostels will be fumigated on 15th january, kindly cooperate with the concerned staff.	2020-01-05
All students are invited to join the online assembly to kickstart a energetic new year, 2021. more details are shared on corresponding discord channels and groups.	2020-01-02

- **News/Events edit page :**

The screenshot shows a web application interface for managing news events. At the top, there's a header with the AIIT logo, student ID 'Sait88', the date 'Tuesday, 2 February 2021', and a 'sign out' button. Below the header, a message 'Good evening!' is displayed. The main content area is titled 'Events' and contains a table for 'News/events'. The table has two columns: 'News/events' and 'date'. There are five rows of news items:

News/events	date
Pre-final optional tests to be conducted in march, for further details contact examination committee	2020-12-16
The Techfest 2020 is postponed due to Covid-19, new dates will be announced soon.	2020-11-29
Students are requested to go through the new guidelines for the code of conduct during this pandemic, issued by the STC (Student welfare committee) listed on every online platform and also individually sent to students rooms in circulars	2021-01-01
All hostels will be fumigated on 15th january, kindly cooperate with the concerned staff.	2020-01-05
All students are invited to join the online assembly to kickstart a energetic new year, 2021. more details are shared on corresponding discord channels and groups.	2020-01-02

- **Projects page :**

The screenshot shows a web application interface for managing projects. At the top, there's a header with the AIIT logo, student ID 'Sait88', the date 'Tuesday, 2 February 2021', and a 'sign out' button. Below the header, a message 'Good evening!' is displayed. The main content area is titled 'Projects' and contains a table for 'Project title' and 'Submission'. The table has two columns: 'Project title' and 'Submission'. There are five rows of project submissions:

Project title	Submission
Demonstation of particle acceleration	2021-01-30
Demonstation of alpha-particle acceleration	2021-01-06
3d demonstration of geometry	2021-02-20
IOS application	2020-12-29
Explaining Thermodynamics	2020-12-24

- **Projects edit page :**

The screenshot shows a dark-themed web application interface for managing projects. At the top, there's a header bar with the AIIT logo, student ID "Sait88", the date "Tuesday, 2 February 2021", and a "sign out" button. Below the header, a message "Good evening!" is displayed. On the left, there are navigation buttons for "+ Administrator" and "+ Student". The main content area is titled "Projects" and contains a table with two columns: "Project title" and "Submission". The table lists five projects with their respective submission dates.

Project title	Submission
Demonstration of particle acceleration	2021-01-30
Demonstration of alpha-particle acceleration	2021-01-06
3d demonstration of geometry	2021-02-20
IOS application	2020-12-29
Explaining Thermodynamics	2020-12-24

- **Assignments page :**

The screenshot shows a dark-themed web application interface for managing assignments. At the top, there's a header bar with the AIIT logo, student ID "Sait88", the date "Tuesday, 2 February 2021", and a "sign out" button. Below the header, a message "Good evening!" is displayed. On the left, there are navigation buttons for "+ Administrator" and "+ Student". The main content area is titled "Assignments" and contains a table with three columns: "Title", "Assigned on", and "Submission on". The table lists five assignments with their respective assigned and submission dates. A pencil icon is located at the top right of the table.

Title	Assigned on	Submission on
Calculus-I	2020-11-28	2021-01-10
Coordination complexes	2020-11-20	2020-12-18
Organic chemistry-III	2020-12-08	2021-01-03
N/A	N/A	N/A
N/A	N/A	N/A

- **Assignments edit page :**

The screenshot shows a dark-themed web application interface for managing assignments. At the top, there's a header bar with the AIIT logo, student ID "Sait88", the date "Tuesday, 2 February 2021", and a "sign out" button. Below the header, a message "Good evening!" is displayed. On the left, there are navigation buttons for "+ Administrator" and "+ Student". The main content area is titled "Assignments" and contains a table with the following data:

Title	Assigned on	Submission on
Calculus-I	2020-11-28	2021-01-10
Coordination complexes	2020-11-20	2020-12-18
Organic chemistry-III	2020-12-08	2021-01-03
N/A	N/A	N/A
N/A	N/A	N/A

At the bottom right of the table, there are "Cancel" and "Save" buttons.

- **Marks details page :**

The screenshot shows a dark-themed web application interface for viewing marks details. At the top, there's a header bar with the AIIT logo, student ID "Sait88", the date "Tuesday, 2 February 2021", and a "sign out" button. Below the header, a message "Good evening!" is displayed. On the left, there are navigation buttons for "+ Administrator" and "+ Student". The main content area is titled "Mark details" and contains a table with the following data:

		Marks obtained	Percentage
1 st year	Sem-1	69	69%
	Sem-2	98	98%
2 nd year	Sem-3	96	96%
	Sem-4	54	54%
3 rd year	Sem-5	2	2%
	Sem-6	N/A	N/A
4 th year	Sem-7	N/A	N/A
	Sem-8	N/A	N/A

- **Marks details edit page :**

The screenshot shows a dark-themed web application interface for managing student marks. At the top, there's a header with the AIIT logo, student ID 'Sait88', the date 'Tuesday, 2 February 2021', and a 'sign out' button. Below the header, a message 'Good evening!' is displayed. On the left, there are navigation buttons for '+ Administrator' and '+ Student'. The main content area is titled 'Mark details' and contains a table with the following data:

		Marks obtained	Percentage
1 st year	Sem-1	69	69%
	Sem-2	98	98%
2 nd year	Sem-3	96	96%
	Sem-4	54	54%
3 rd year	Sem-5	2	2%
	Sem-6	N/A	N/A
4 th year	Sem-7	N/A	N/A
	Sem-8	N/A	N/A

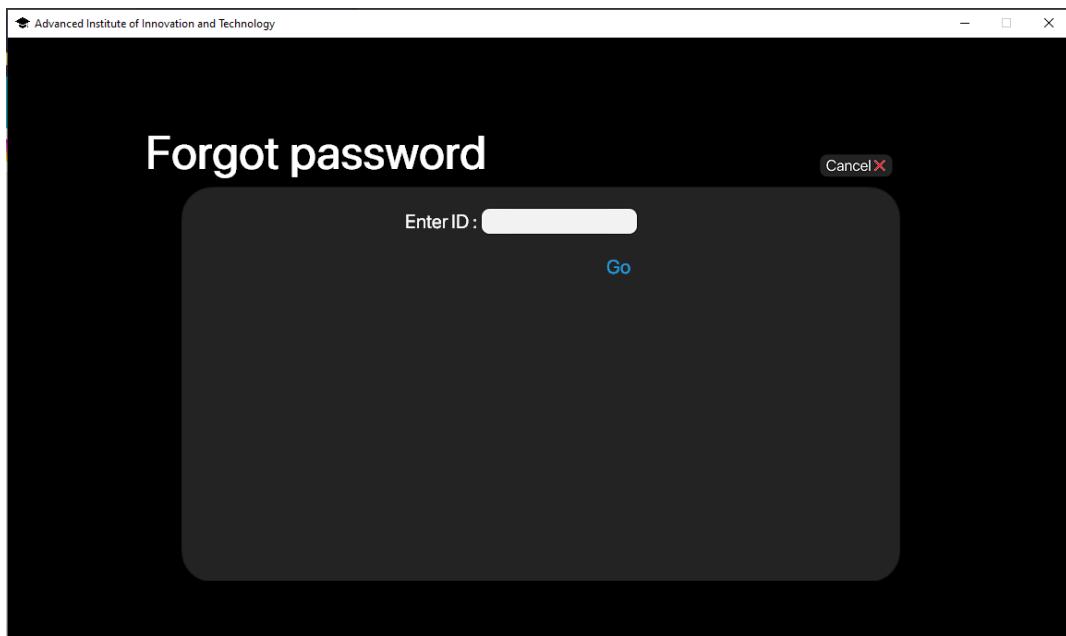
At the bottom right of the table, there are 'Cancel' and 'Save' buttons.

- **Password reset page :**

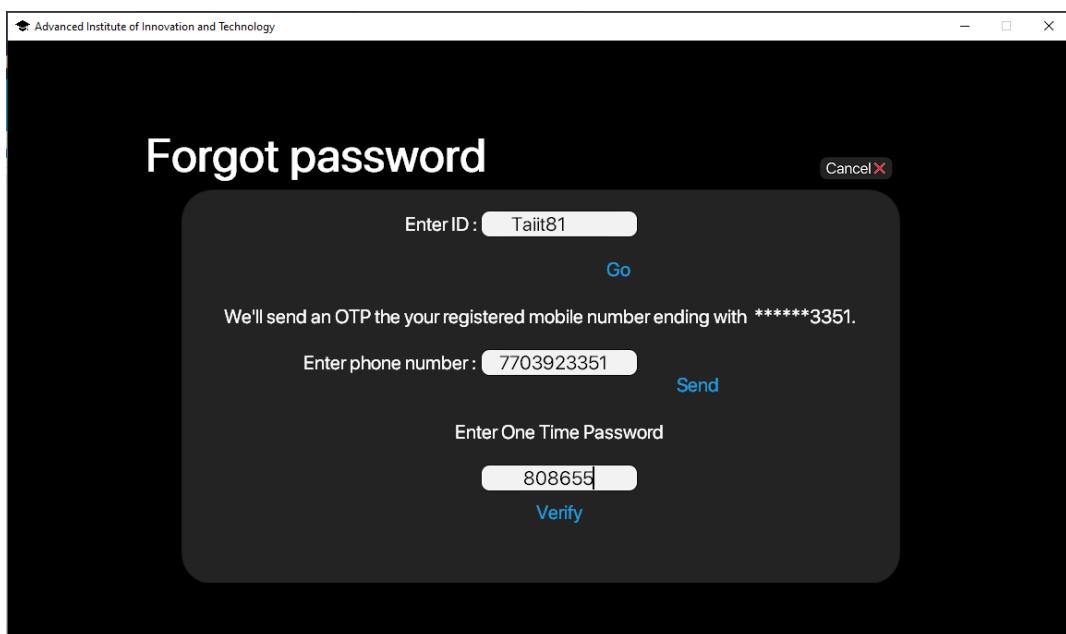
- **Administrator password reset page :**

The screenshot shows a dark-themed web application interface for password reset. At the top, there's a header with the AIIT logo, student ID 'Sait88', the date 'Tuesday, 2 February 2021', and a 'sign out' button. Below the header, a message 'Good evening!' is displayed. On the left, there are navigation buttons for '+ Administrator' and '+ Student'. The main content area is titled 'Password reset' and contains two tabs: 'Administrator' and 'Student'. The 'Administrator' tab is selected. Below the tabs, there are three input fields: 'Current password :', 'New password :', and 'Confirm new password :'. To the right of the 'Current password' field is a link 'Forgot your Password?'. At the bottom right is a 'Save' button.

- **Forgot password reset page (1/3) :**



- **Forgot password reset page (2/3) :**



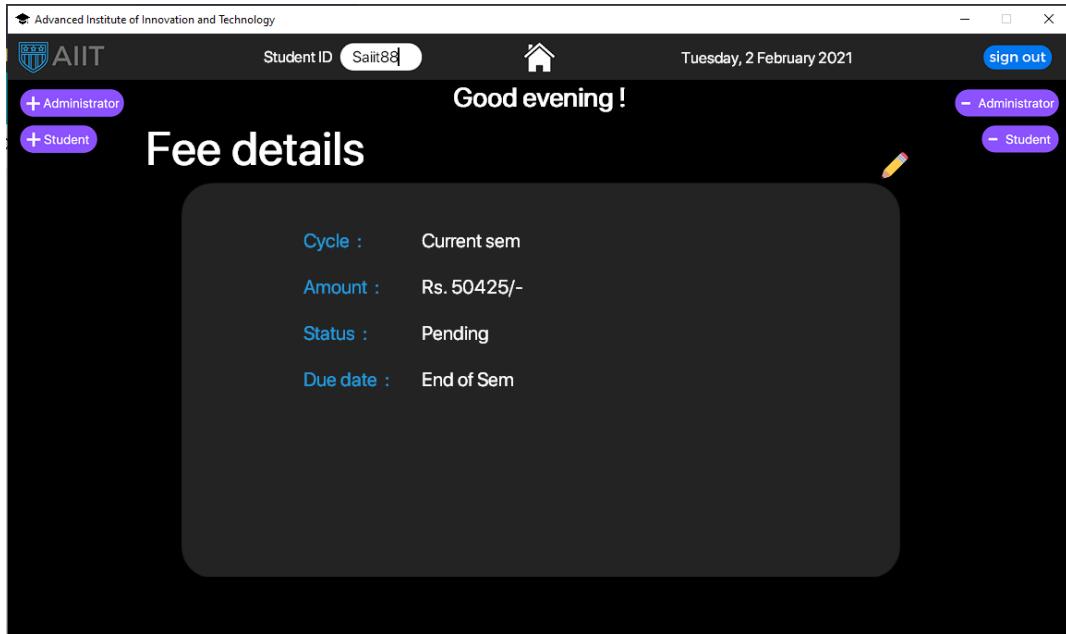
- **Forgot password reset page (3/3) :**

A screenshot of a 'Set New password' dialog box. The title bar says 'Set New password'. It contains two input fields: 'Enter new password:' and 'Confirm password:', both with redacted content. A 'Save' button is at the bottom right. A 'Cancel' button is in the top right corner.

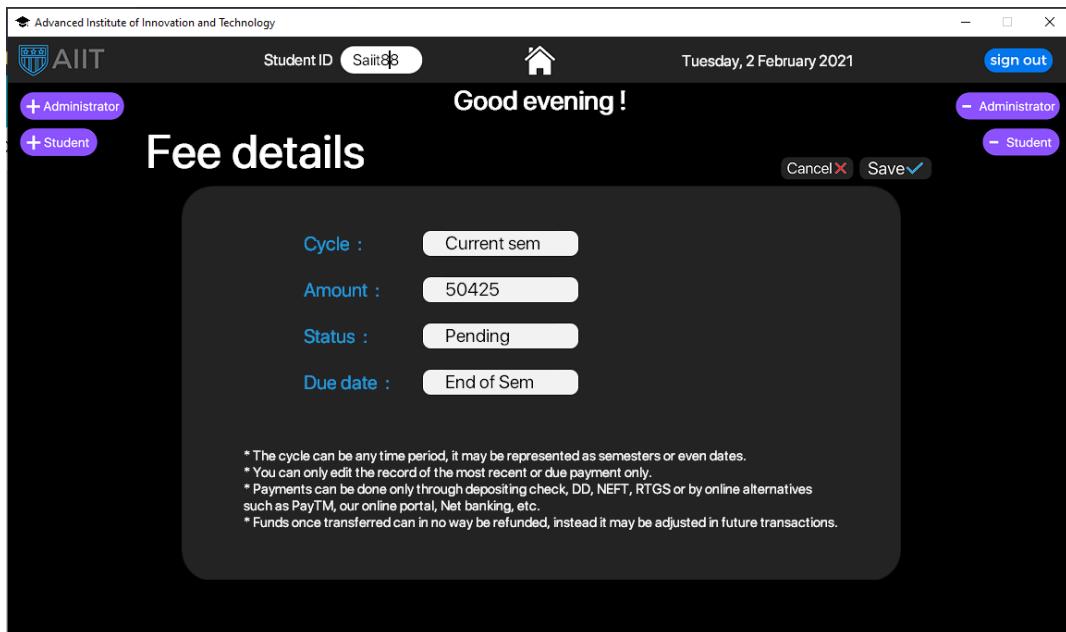
- **Student password reset page :**

A screenshot of a 'Password reset' page for students. The header includes the AIIT logo, 'Student ID' input, a home icon, the date 'Tuesday, 2 February 2021', and a 'sign out' button. Below the header, it says 'Good evening!'. There are buttons for '+ Administrator' and '+ Student'. The main section is titled 'Password reset' with tabs for 'Administrator' and 'Student'. It has three input fields: 'Enter ID:', 'New password:', and 'Confirm new password:', all with redacted content. A 'Save' button is at the bottom right.

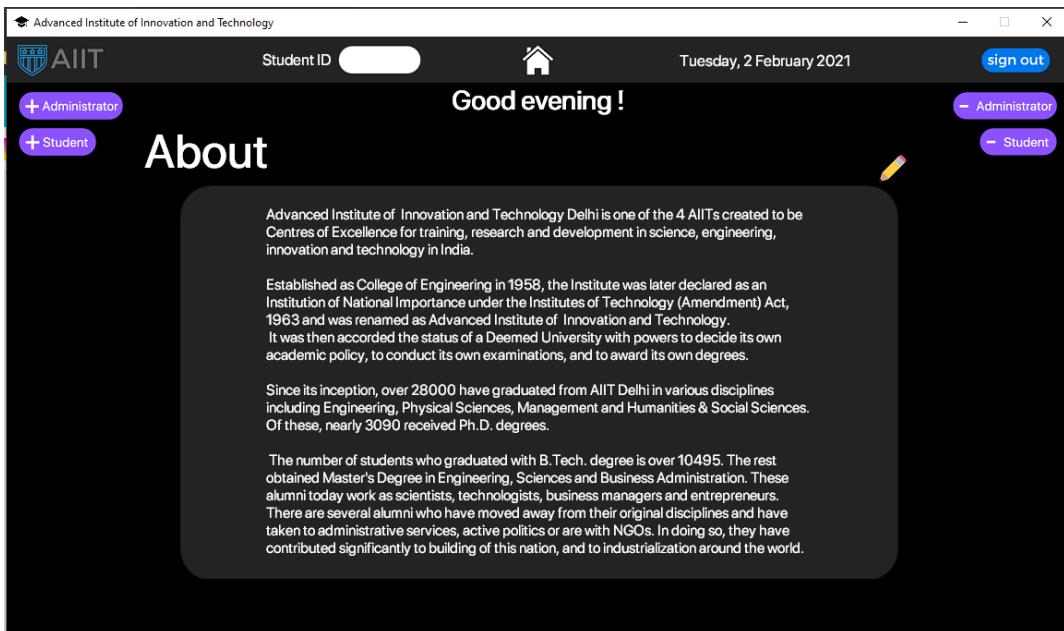
- **Fee details page :**



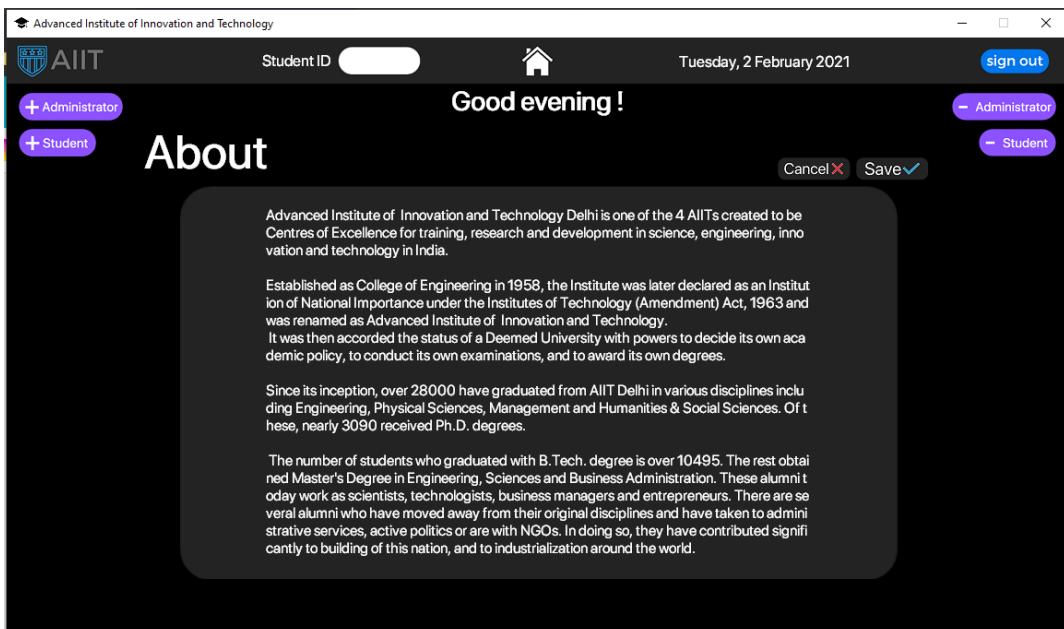
- **Fee details edit page :**



- **About page :**



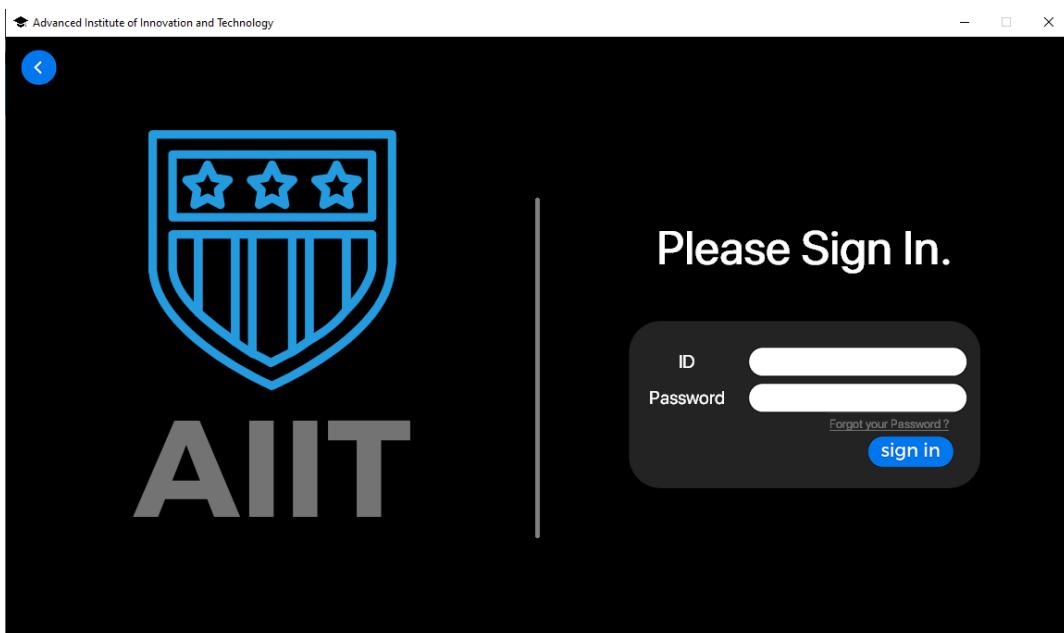
- **About edit page :**



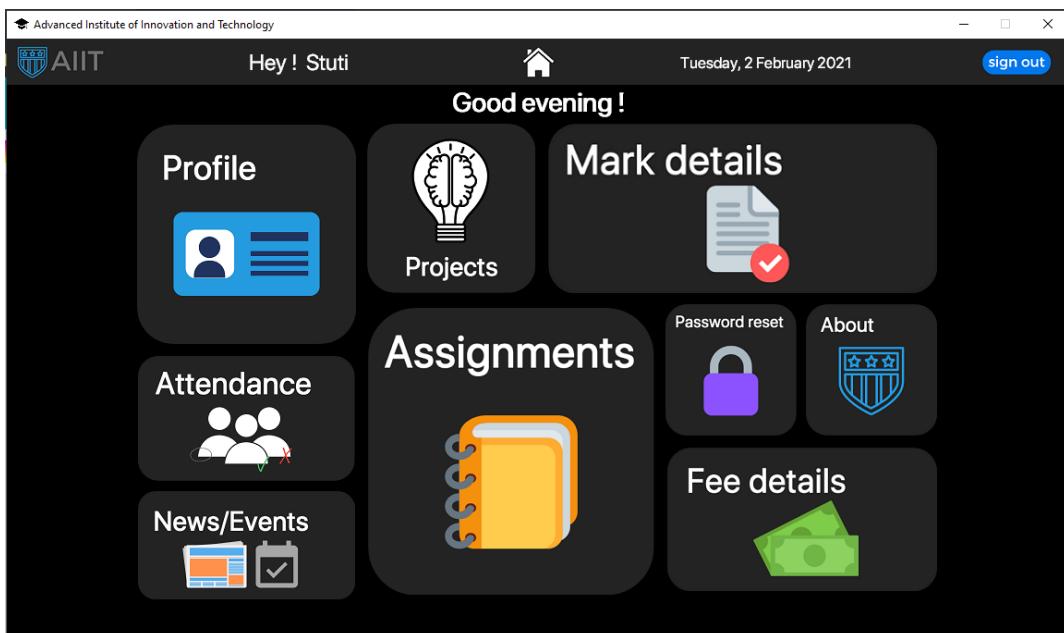
Sign out button returns the user to the Main page shown on page 1, image 2.

When signing in as Student

- **Login page :**



- **Home page :**



- **Profile page :**

The screenshot shows the AIIT Profile page. At the top, it displays "Hey ! Stuti", the date "Tuesday, 2 February 2021", and a "sign out" button. A "Good evening !" message is shown. The main section is titled "Profile". It has a "Student" card with a female icon, Name: Stuti Singhania, Admission No.: S37082, Ph: 8218016365, Course: B.TECH (automobile), Year: 3rd year, ID: Saiit88, and Blood grp.: +O. Below that are "Father" and "Mother" cards, each with an icon, Name, and Ph number.

Category	Icon	Name	Ph
Father	Male	Vijay Singhania	9253580713
Mother	Female	Neha Singhania	9501310872

- **Attendance page :**

The screenshot shows the AIIT Attendance page. At the top, it displays "Bonjour ! Stuti", the date "Tuesday, 2 February 2021", and a "sign out" button. A "Good evening !" message is shown. The main section is titled "Attendance". It shows present statistics: Number of days present: 168, Total number of days: 180, and Status: Good. To the right is a pie chart illustrating the distribution of attendance types. A legend indicates: Present (purple), Absent (red), Permitted leave (orange), and Holidays (yellow-green).

Category	Value
Number of days present	168
Total number of days	180
Status	Good

- **News/Events page :**

The screenshot shows a web application interface for the Advanced Institute of Innovation and Technology (AIIT). At the top, there is a header bar with the AIIT logo, the user's name "Bonjour ! Stuti", a home icon, the date "Tuesday, 2 February 2021", and a "sign out" button. Below the header, a message "Good evening !" is displayed. The main content area is titled "Events". A table lists five news items under the heading "News/events" and "date".

News/events	date
Pre-final optional tests to be conducted in march, for further details contact examination committee	2020-12-16
The Techfest 2020 is postponed due to Covid-19, new dates will be announced soon.	2020-11-29
Students are requested to go through the new guidelines for the code of the conduct during this pandemic, issued by the STC (Student welfare committee) listed on every online platform and also individually sent to students rooms in circulars	2021-01-01
All hostels will be fumigated on 15th january, kindly cooperate with the concerned staff.	2020-01-05
All students are invited to join the online assembly to kickstart a energetic new year, 2021. more details are shared on corresponding discord channels and groups.	2020-01-02

- **Projects page :**

The screenshot shows a web application interface for the Advanced Institute of Innovation and Technology (AIIT). At the top, there is a header bar with the AIIT logo, the user's name "Hey ! Stuti", a home icon, the date "Tuesday, 2 February 2021", and a "sign out" button. Below the header, a message "Good evening !" is displayed. The main content area is titled "Projects". A table lists five projects under the headings "Project title" and "Submission".

Project title	Submission
Demonstation of particle acceleration	2021-01-30
Demonstation of alpha-particle acceleration	2021-01-06
3d demonstration of geometry	2021-02-20
IOS application	2020-12-29
Explaining Thermodynamics	2020-12-24

- **Assignments page :**

The screenshot shows a dark-themed web application interface. At the top, there is a header bar with the AIIT logo, the user's name "Hi ! Stuti", a home icon, the date "Tuesday, 2 February 2021", and a "sign out" button. Below the header, a message "Good evening !" is displayed. The main content area is titled "Assignments". A table lists five assignments:

Title	Assigned on	Submission on
Calculus-I	2020-11-28	2021-01-10
Coordination complexes	2020-11-20	2020-12-18
Organic chemistry-III	2020-12-08	2021-01-03
N/A	N/A	N/A
N/A	N/A	N/A

- **Mark details page :**

The screenshot shows a dark-themed web application interface, similar to the assignments page. At the top, there is a header bar with the AIIT logo, the user's name "Hi ! Stuti", a home icon, the date "Tuesday, 2 February 2021", and a "sign out" button. Below the header, a message "Good evening !" is displayed. The main content area is titled "Mark details". A table lists marks obtained and their corresponding percentages for various years and semesters:

		Marks obtained	Percentage
1 st year	Sem-1	69	69%
	Sem-2	98	98%
2 nd year	Sem-3	96	96%
	Sem-4	54	54%
3 rd year	Sem-5	2	2%
	Sem-6	N/A	N/A
4 th year	Sem-7	N/A	N/A
	Sem-8	N/A	N/A

- **Password reset page :**

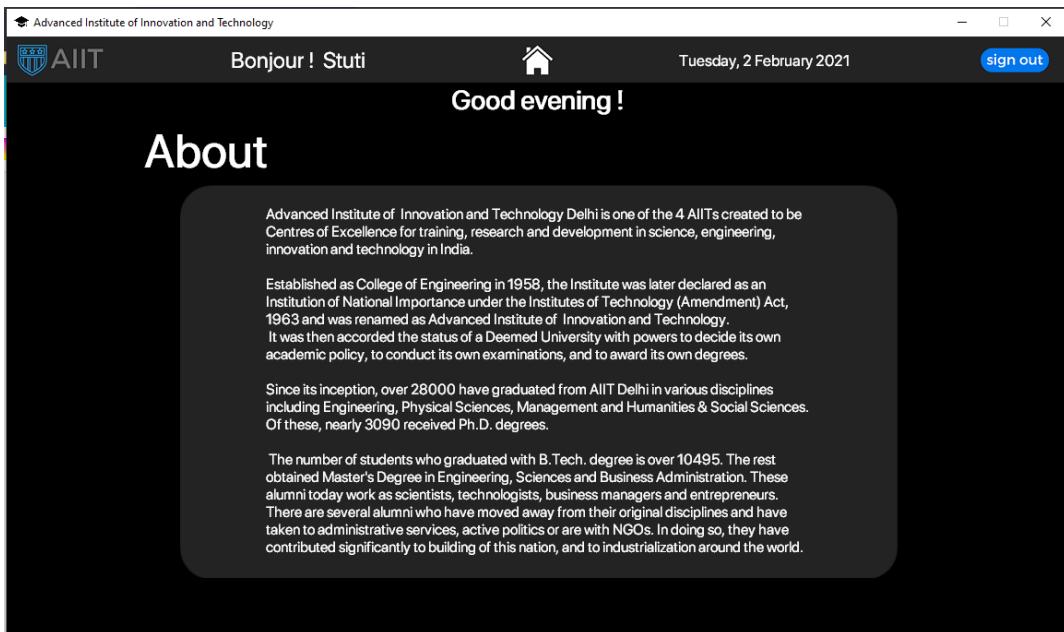
The screenshot shows a dark-themed web interface for password reset. At the top, there's a header bar with the AIIT logo, the user's name "Hi ! Stuti", a home icon, the date "Tuesday, 2 February 2021", and a "sign out" button. Below the header, a greeting "Good evening !" is displayed. The main content area has a title "Password reset". It contains three input fields: "Current password : " (disabled), "New password : ", and "Confirm new password : ". A "Save" button is located at the bottom right of the form.

- **Fee details page :**

The screenshot shows a dark-themed web interface for fee details. The header is identical to the password reset page, featuring the AIIT logo, "Bonjour ! Stuti", a home icon, the date "Tuesday, 2 February 2021", and a "sign out" button. A greeting "Good evening !" is present. The main content area has a title "Fee details". It displays several data points in a table-like format: "Cycle : Current sem", "Amount : Rs. 50425/-", "Status : Pending", and "Due date : End of Sem". At the bottom of the page, there is a note with asterisks explaining the terms of payment.

* The cycle can be any time period, it may be represented as semesters or even dates.
* You can only review the record of the most recent or due payment only.
* Payments can be done only through depositing check, DD, NEFT, RTGS or by online alternatives such as PayTM, our online portal, Net banking, etc.
* Funds once transferred can in no way be refunded, instead it may be adjusted in future transactions.

- **About page :**



Sign out button returns the user to the Main page shown on page 1, image 2.

BIBLIOGRAPHY

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- <https://www.youtube.com/playlist?list=PLCC34OHNcOtoC6GglhF3ncJ5rLwQrLGnV>