**PROJECT REPORT**

**PROJECT NAME: STUDENT MANAGEMENT SYSTEM**

**OBJECTIVES**:

* The project has been developed in python to provide the current Student studying availability list,
* Admission of the Student,
* Providing TC for the Student (Passed out).

**Menu**

1. **View the Students List**

* This menu displays the list of Student name.

1. **Administration of the Student**

* This menu is used for the Admission of the student.

1. **View the details**

* Providing the Transfer Certificate TC for the Students those who are present in the list.

**Software:** Python, Jupyter Notebook

**Program**:

class Students:

def \_\_init\_\_(self, listofstudents):

self.studentavailable = listofstudents

def displayStudents(self):

print("the Students we have in our College are follows:")

print("----")

for a in self.studentavailable:

print(a)

def admissionStudent(self, newjoin):

self.studentavailable.append(newjoin)

print("New Student has been admitted succesfully")

def removeStudent(self, passedoutStudent):

if passedoutStudent in self.studentavailable:

print("the Student name you requested has now been removed.")

self.studentavailable.remove(passedoutStudent)

else:

print("Sorry the Student name you have requested to delete, is currently not available")

class Administrator:

def tcStudent(self):

print("Enter the name of the Student you would like give TC:")

self.student = input()

return self.student

def newJoin(self):

print("Enter the name of the Student you would like give administration:")

self.student = input()

return self.student

def call():

students = Students(["Roopa", "Prasana", "Sanober", "Reema", "Arpith"])

administrator = Administrator()

done = False

while done == False:

print(" Student Administration list \n1. Display all Students list \n2. Administration of the Student \n3. TC for Passedout students")

try:

choice = int(input("Enter choice:"))

if choice == 1:

students.displayStudents()

elif choice == 2:

students.admissionStudent(administrator.newJoin())

elif choice == 3:

students.removeStudent(administrator.tcStudent())

elif choice ==4:

break

except:

print("Please enter proper choice.")

call()

**Output**:

Student Administration list

1. Display all Students list

2. Administration of the Student

3. TC for Passedout students

Enter choice:1

the Students we have in our College are follows:

----

Roopa

Prasana

Sanober

Reema

Arpith

Student Administration list

1. Display all Students list

2. Administration of the Student

3. TC for Passedout students

Enter choice:2

Enter the name of the Student you would like give administration:

priya

New Student has been admitted succesfully

Student Administration list

1. Display all Students list

2. Administration of the Student

3. TC for Passedout students

Enter choice:1

the Students we have in our College are follows:

----

Roopa

Prasana

Sanober

Reema

Arpith

priya

Student Administration list

1. Display all Students list

2. Administration of the Student

3. TC for Passedout students

Enter choice:3

Enter the name of the Student you would like give TC:

priya

the Student name you requested has now been removed.

Student Administration list

1. Display all Students list

2. Administration of the Student

3. TC for Passedout students

Enter choice:1

the Students we have in our College are follows:

----

Roopa

Prasana

Sanober

Reema

Arpith

Student Administration list

1. Display all Students list

2. Administration of the Student

3. TC for Passedout students