


कार्यालय जिला समाज कल्याण अधिकारी, गाजियाबाद।

पत्रांक 733 /आई0जी0आर0एस0 / 2021-22 27 दिनांक/04/ 2022


शिकायत सन्दर्भ संख्या- 92214000006926

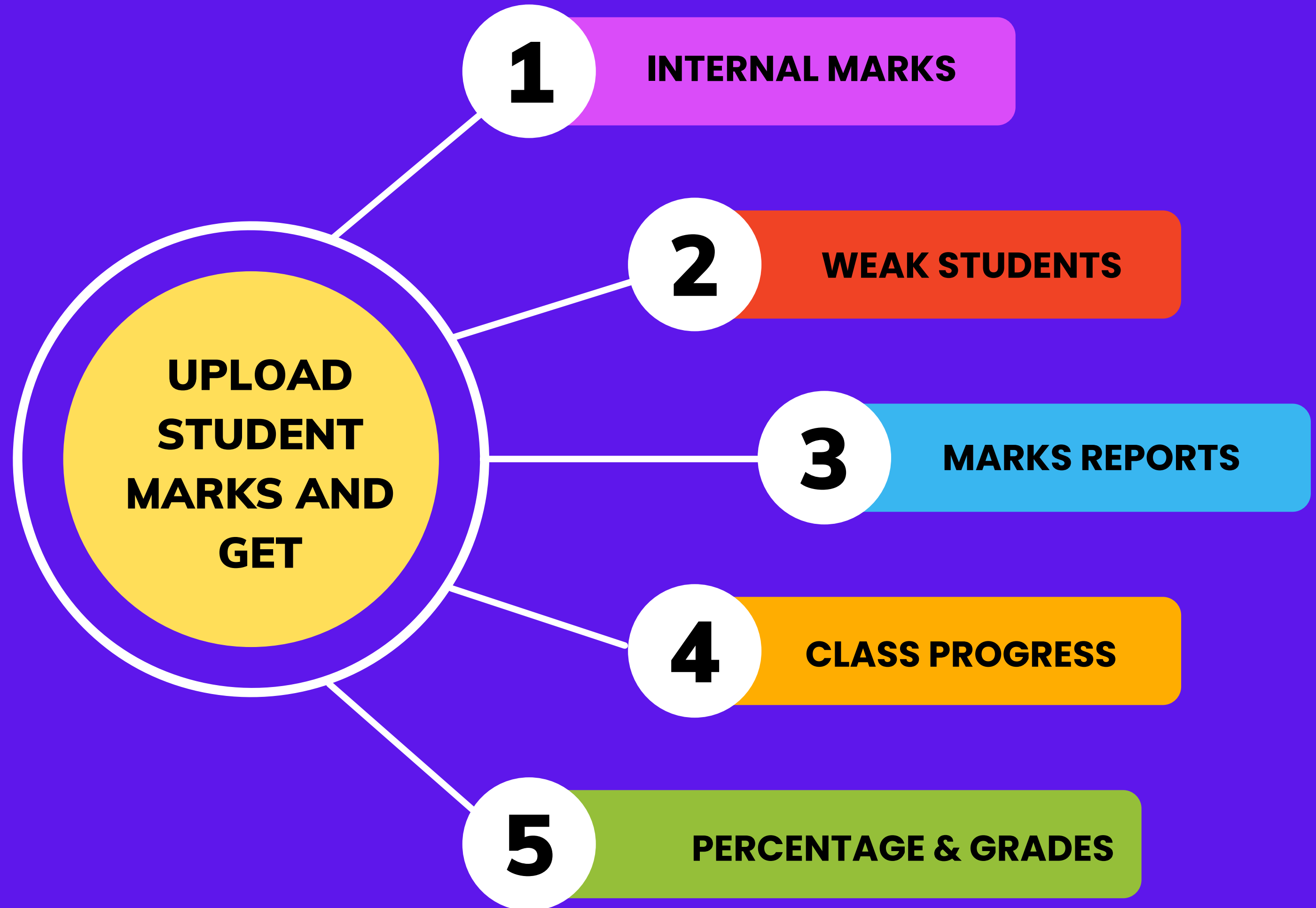
जांच अधिकारी का नाम	संजीव कुमार
जांच अधिकारी का पदनाम	प्रधान सहायक
फोन न0	01202985875
शिकायत कर्ता का नाम व पता	राम गोयल
शिकायतकर्ता का मोबाईल न0	-
शिकायत का स्थल	गाजियाबाद
सुनवाई निस्तारण का दिनांक	25 अप्रैल, 2022
अधिकारी की आख्या	छात्रवृत्ति बेबसाइट पर वर्ष 2021-22 की छात्रवृत्ति/शुल्क प्रतिपूर्ति के अन्तर्गत छात्र का आवेदन पत्र जनपद स्तर पर से बैरीफाई किया गया है। मुख्यालय लखनऊ स्तर से योजनान्तर्गत पर्याप्त धनावंटन उपलब्ध न होने के कारण नियमानुसार अस्वीकृत कर दिया गया है, जिसके कारण छात्रवृत्ति धनराशि देय नहीं है।
	कृ० प्रकरण निक्षेपित करने का कष्ट करें।


जिला समाज कल्याण अधिकारी
गाजियाबाद

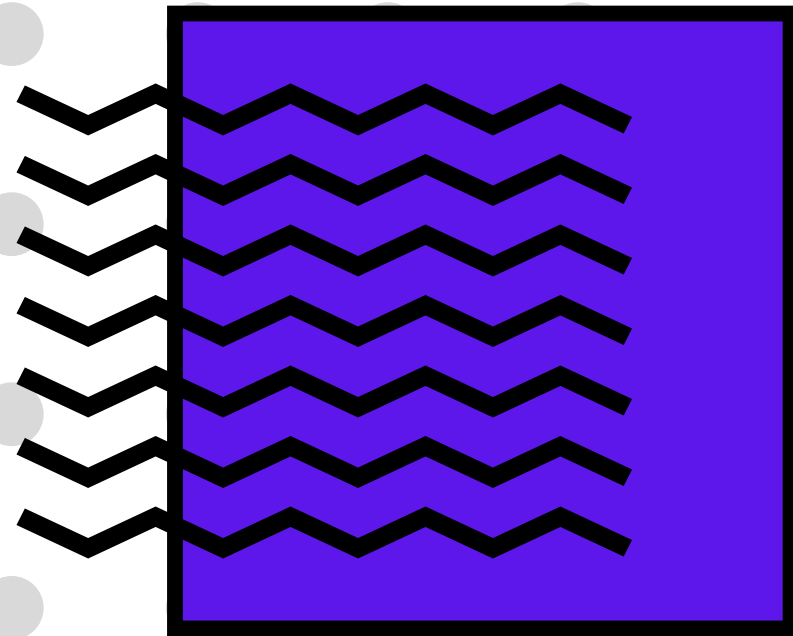
प्रतिलिपि-

- 1-जिलाधिकारी महोदय, गाजियाबाद को सादर सूचनार्थ प्रेषित।
- 2-सम्बन्धित शिकायतकर्ता ।


जिला समाज कल्याण अधिकारी
गाजियाबाद



ABES ENGINEERING COLLEGE



COURSE FILE PORTAL

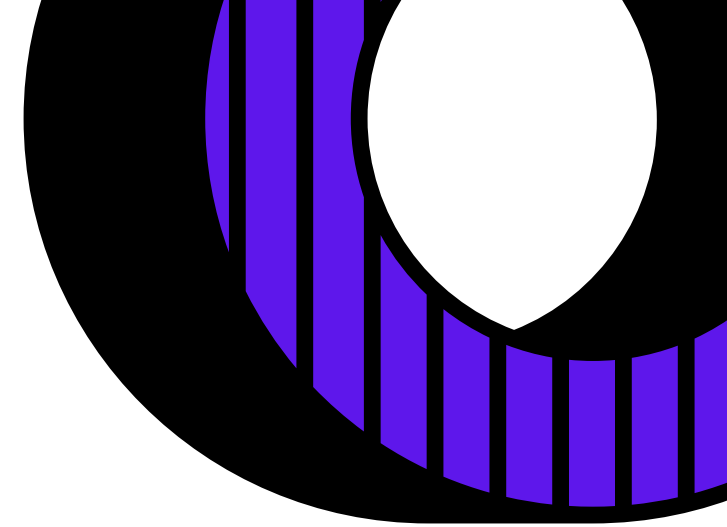
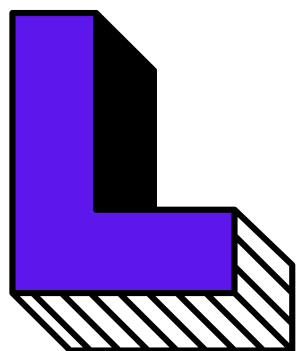


Entrepreneurship Cell, CSE Department, ABESEC



WHAT IS A COURSE FILE ?

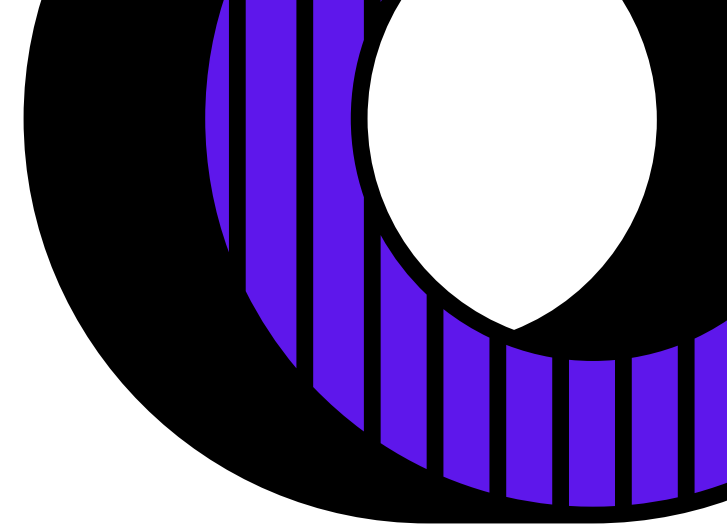
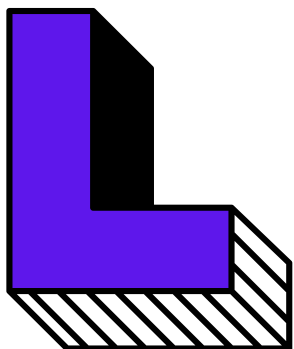
A course file is essentially a record that contains all types of relevant facts about the batch, assessment, and overall outcomes of the course in an academic setup. A course file provides you with a leg up on the competition when it comes to the course's overall curriculum and administration. A course file will provide you with all of the information you require to make an informed selection like COs, CO and PO mapping, Target of COs and attainment, Lecture Plan, Lecture delivery schedule, Assignments, Sessional Papers and End Term papers. The data you have about the course and students are used to determine delivery mechanisms, change or expand the curriculum, provide more learning materials, use different teaching styles, and so on. Faculty members are normally required to retain a course file at all universities/colleges.





PROBLEM STATEMENT

Maintaining a hard copy of one, however, is a very difficult task as there are a lot of documents to include, a lot of data to analyze, and a lot of time to put in. and also a lot of paper gets waste in making and maintenance of physical course file, and the content of one course file can not be reused for others.





WHY COURSE FILE PORTAL

01

PAPER WASTAGE

When the course file goes online, it will reduce the paper wastage .

02

UNSTRUCTURED DATA

All data will be available at one place and in an structured way.

03

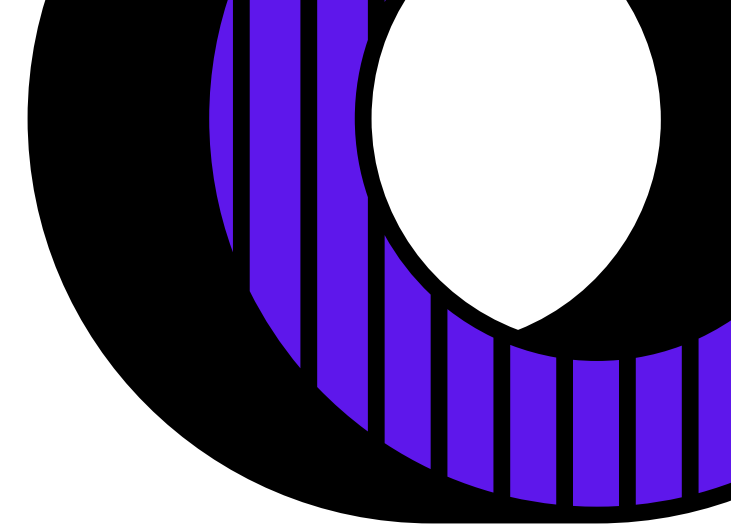
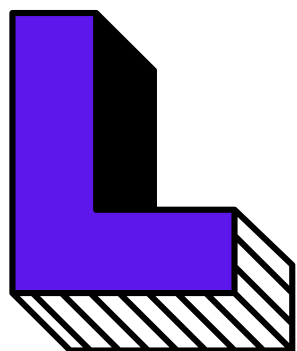
MANUAL TASKS

The manual tasks done by the faculties will be done automatically.

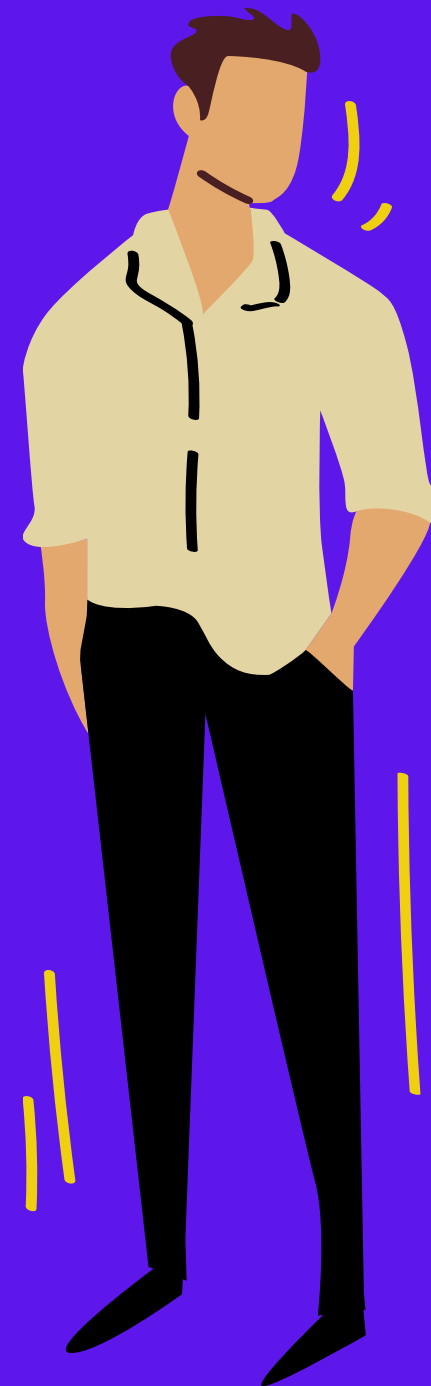
04

MAINTAINANCE

It will become easy to manage, access and share all course files.

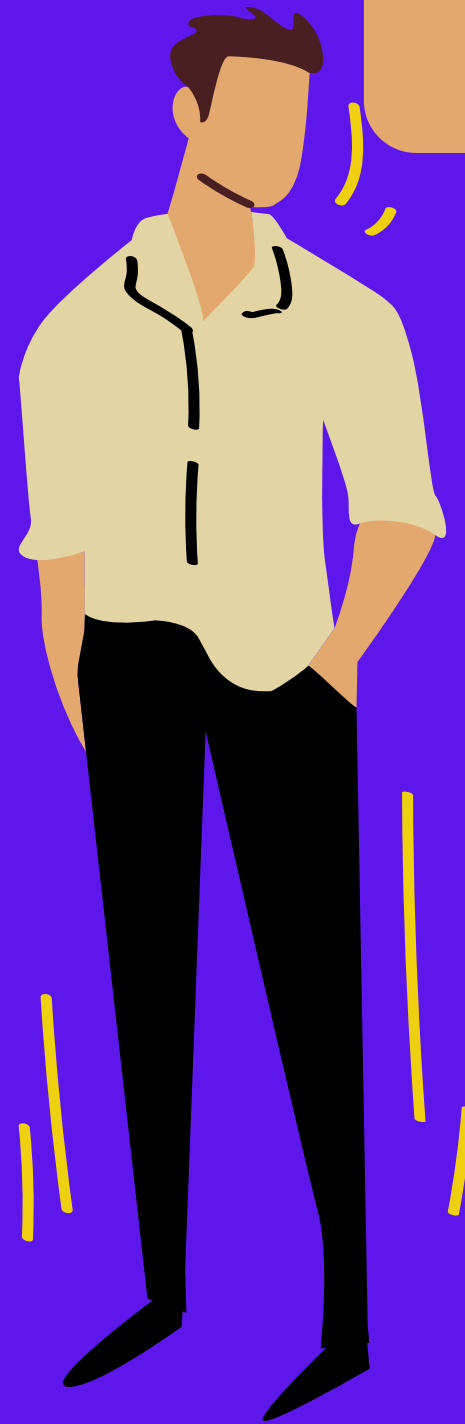


Hi, I am a faculty and
I need a course file
for every semester.



I prepare it
manually and
it takes lot of
pages.

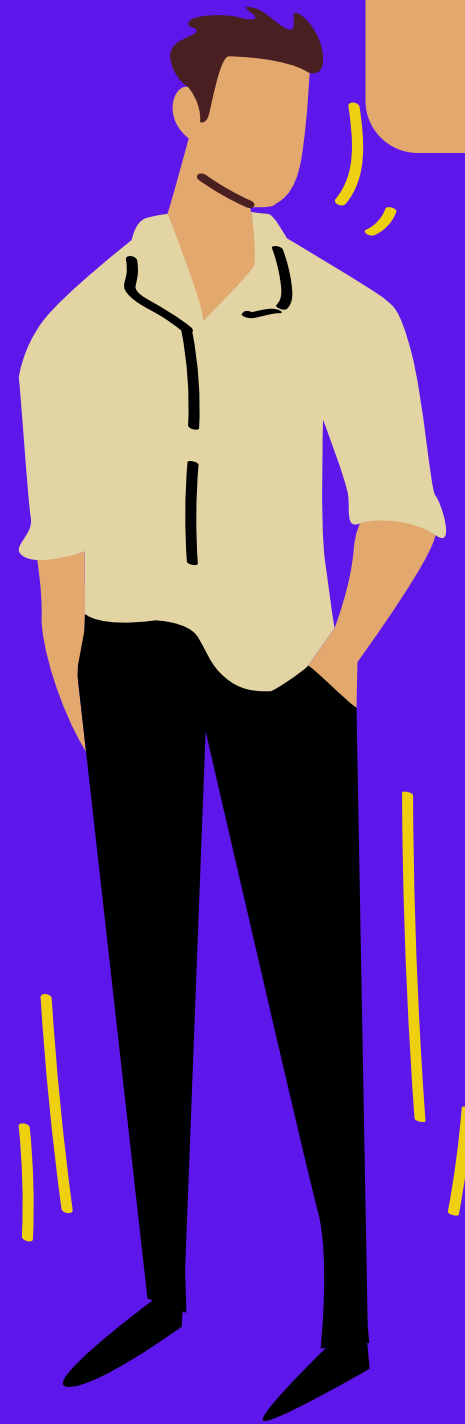
Is there any
solution for
this.



Sir We can solve
your problem by
making a online
portal.



Oh, can you tell
me how a portal
can solve my
problem.



This portal will
automate all the work
of course file and will
make it easy.



Let us explain more



What/How of Portal?

The portal is smart.



**SERVICES
YOU'LL GET**

The infographic features a central yellow circle with a white border containing the text 'SERVICES YOU'LL GET'. Five white lines radiate from this circle to five white circles, each containing a number from 1 to 5. Each number is connected to a horizontal bar of a different color: pink for 1, orange for 2, light blue for 3, yellow for 4, and green for 5. Each bar contains text describing a service.

1

SHARE, VIEW, AND DOWNLOAD COURSE FILE OF ANY TIME.

2

PREADDED DOCUMENTS LIKE MISSION/VISION.

3

ONE CLICK AUTOMATED OPERATIONS

4

ALERTS & NOTIFICATIONS FOR UPDATES

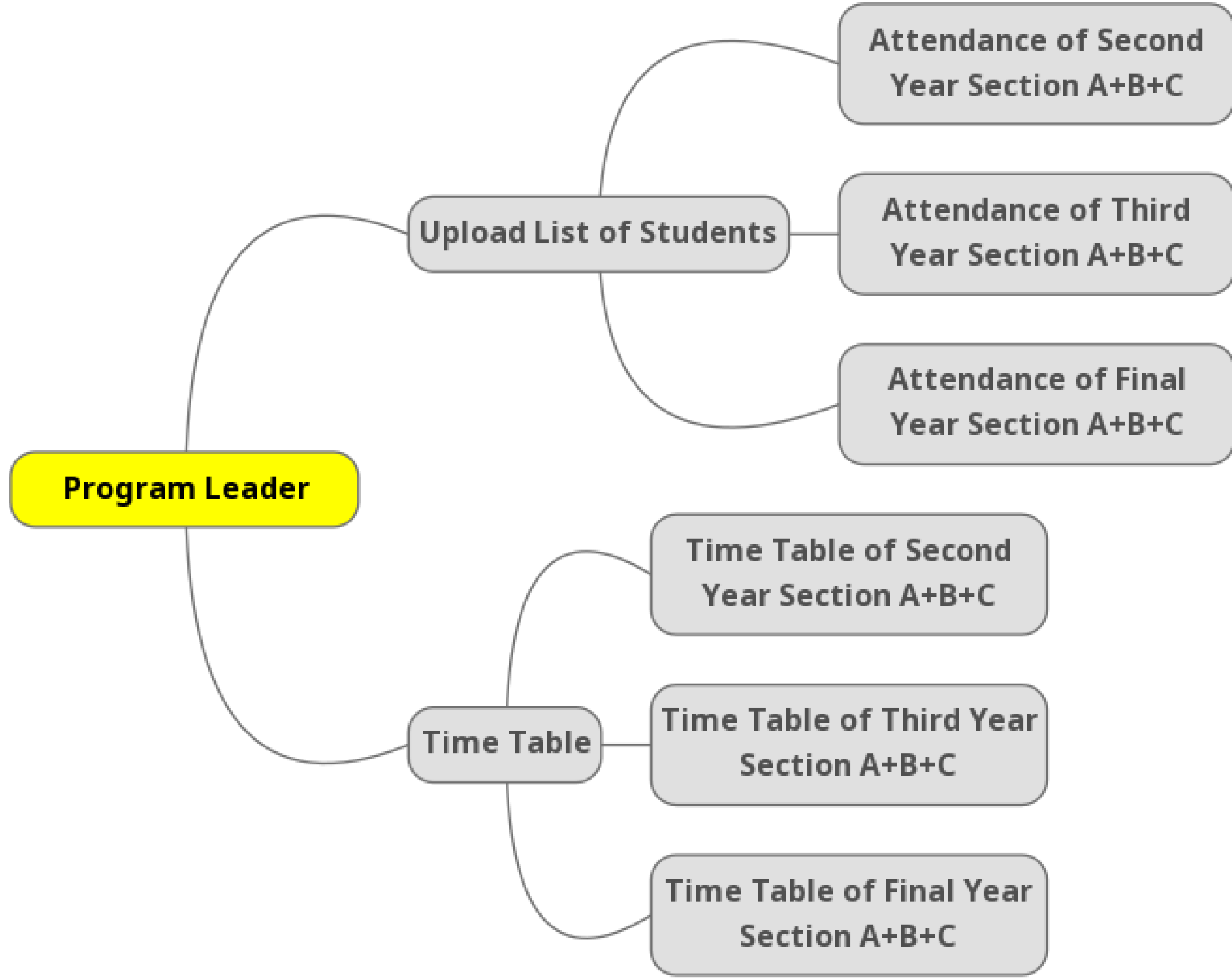
5

LOGIN/SIGNUP FOR USERS

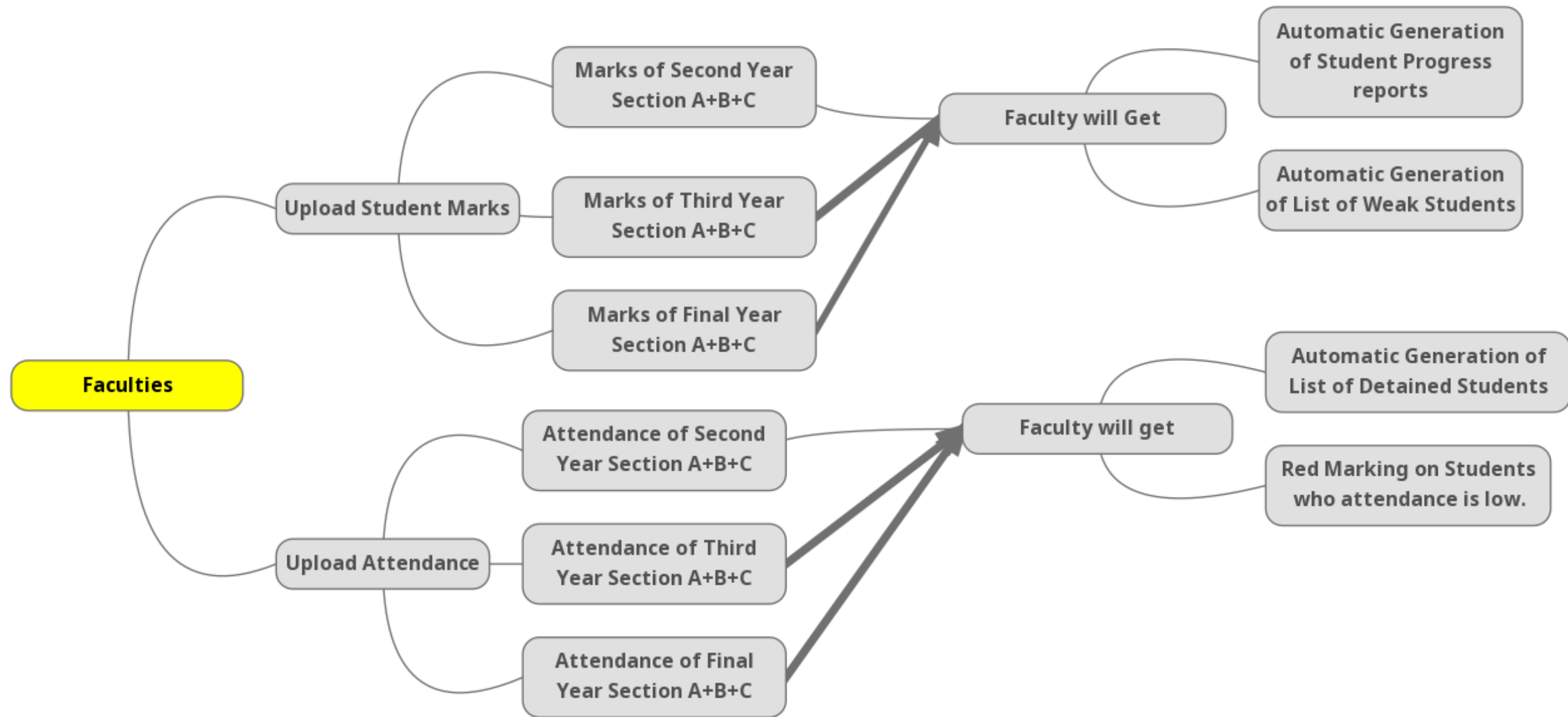
DATA FLOW

IN PORTAL

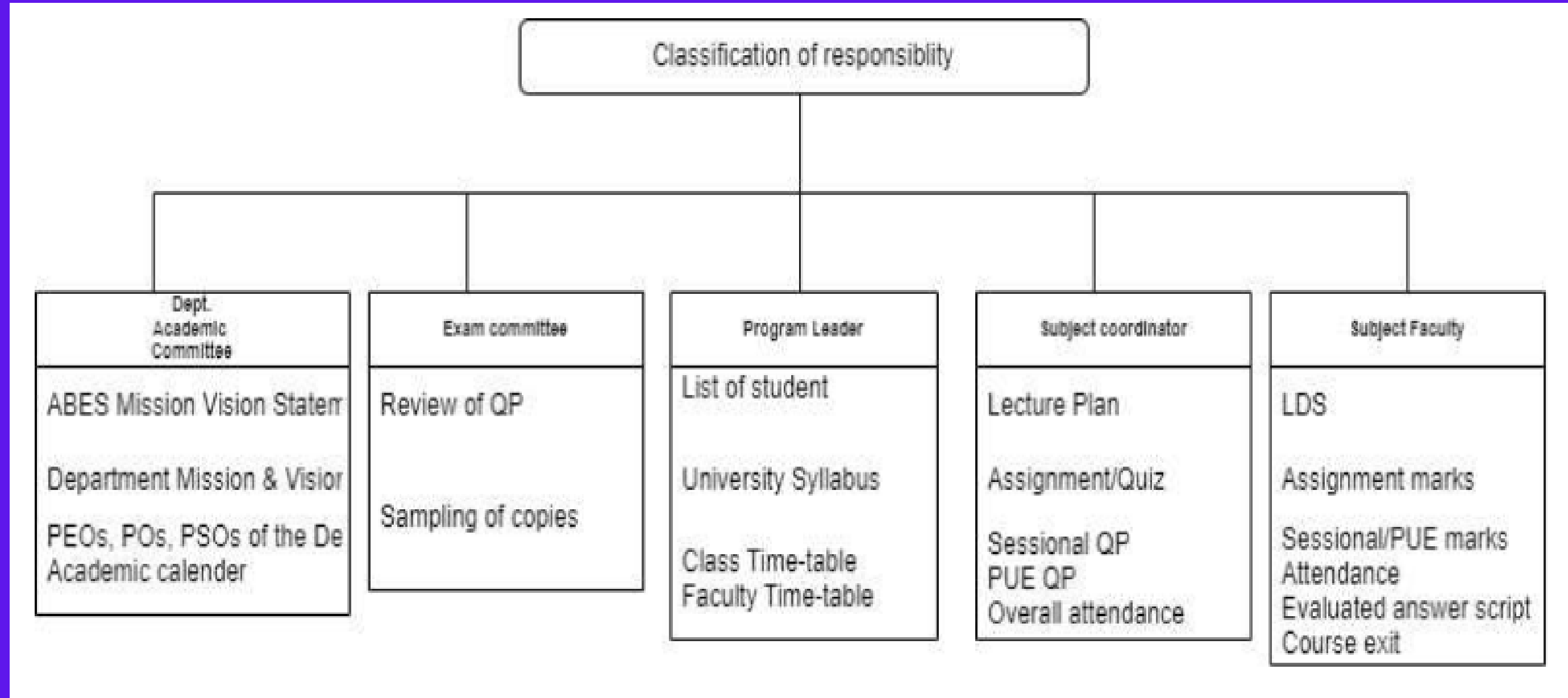
(Make Templates)



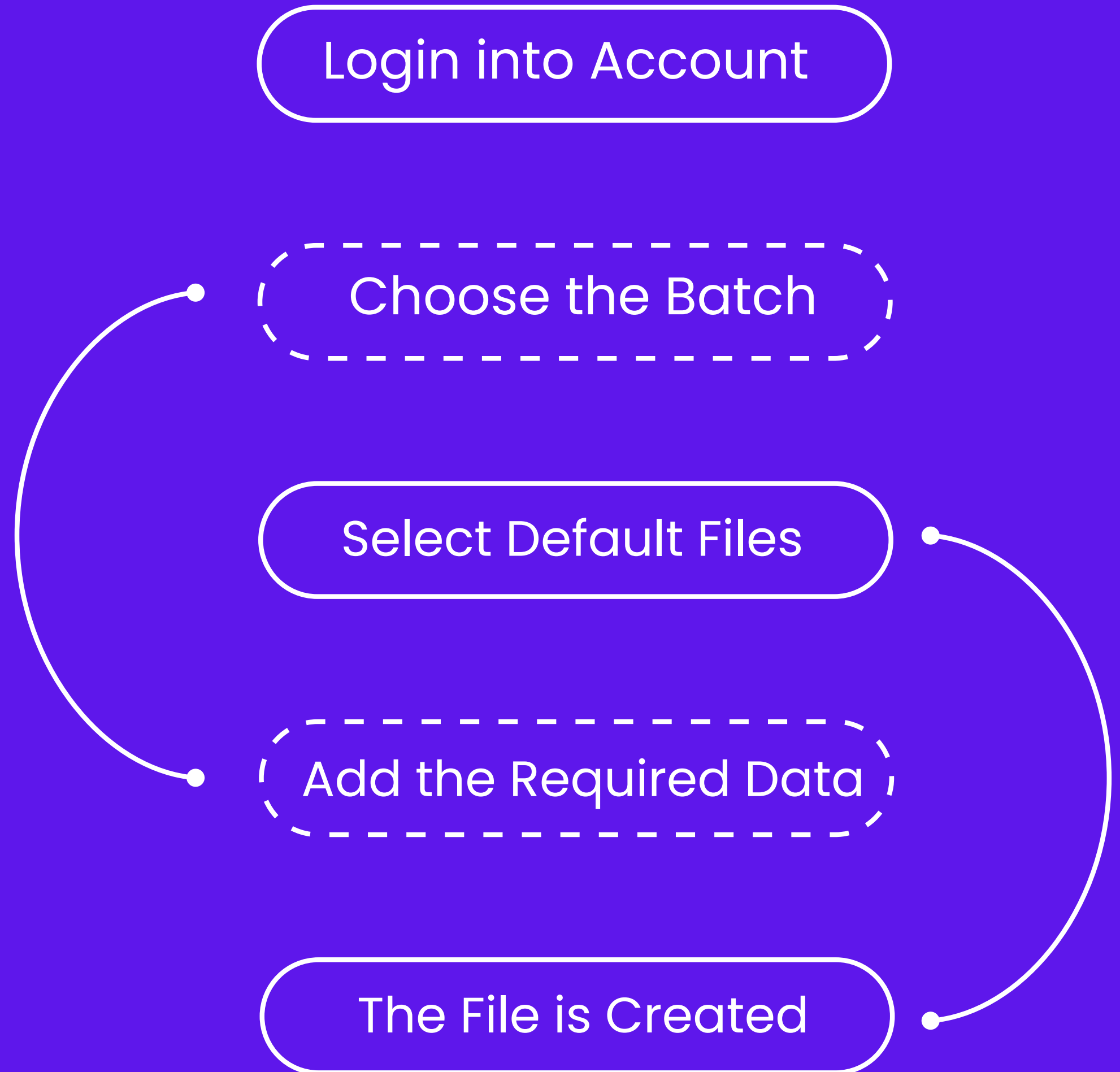
DATA FLOW IN PORTAL (Add Data)

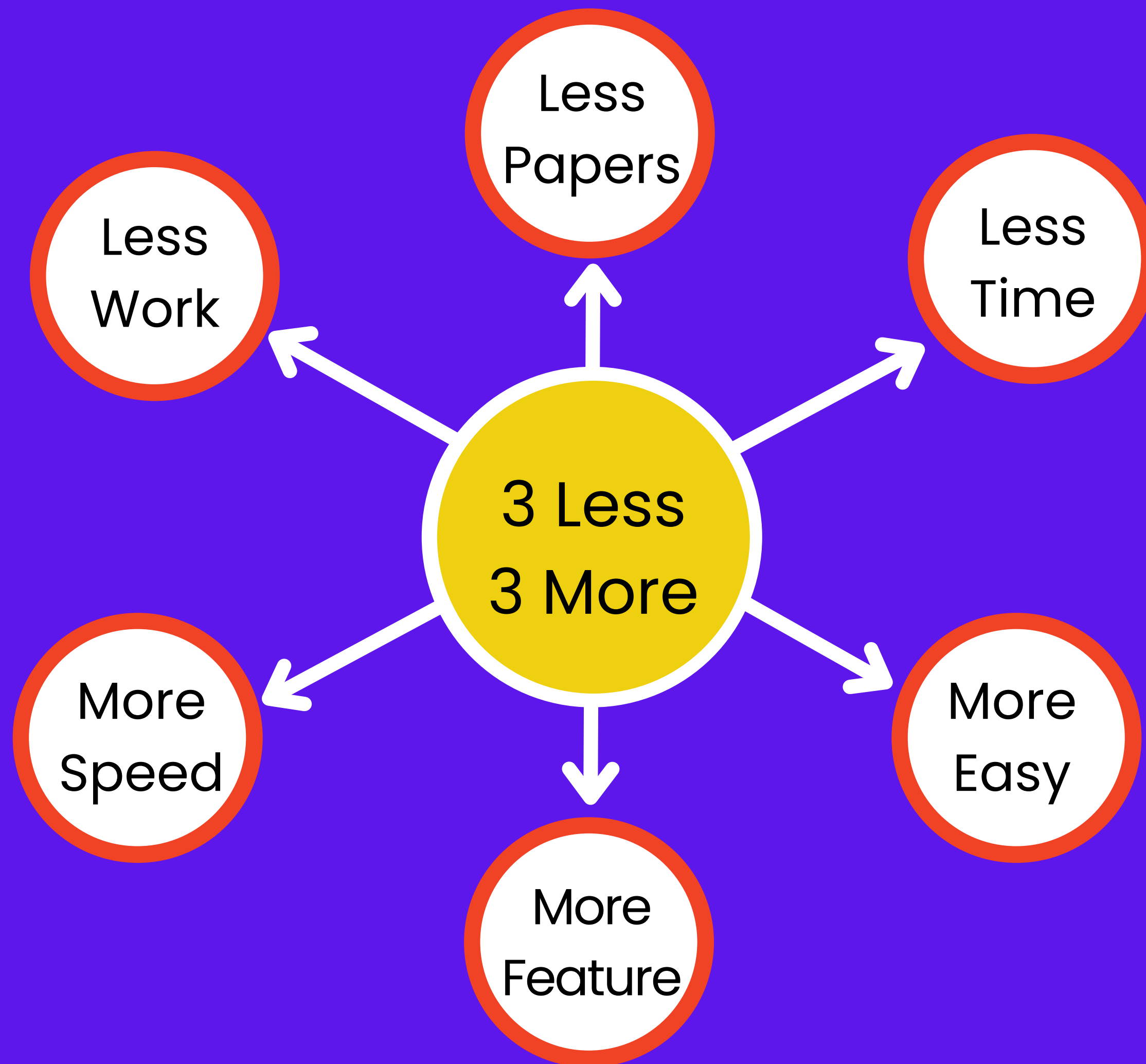


DATA FLOW IN PORTAL (Uploading of Data)

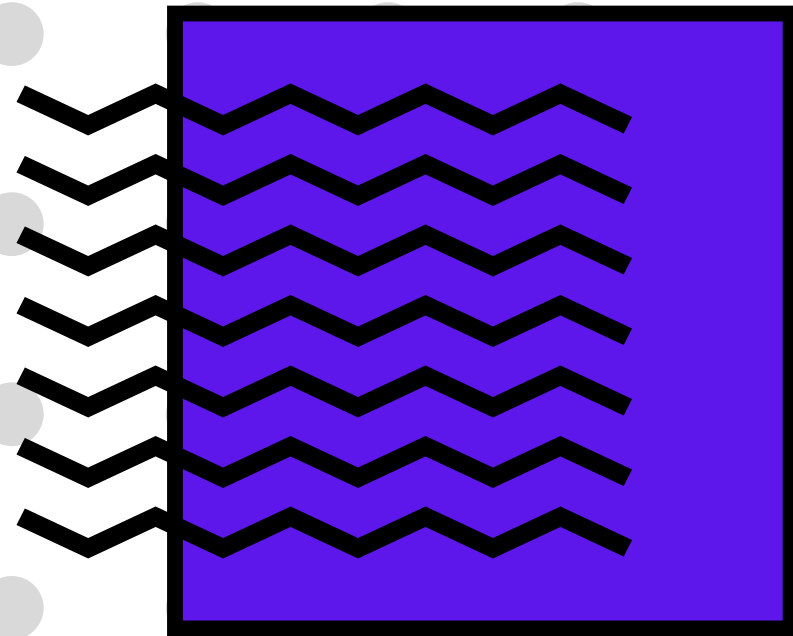


WorkFlow



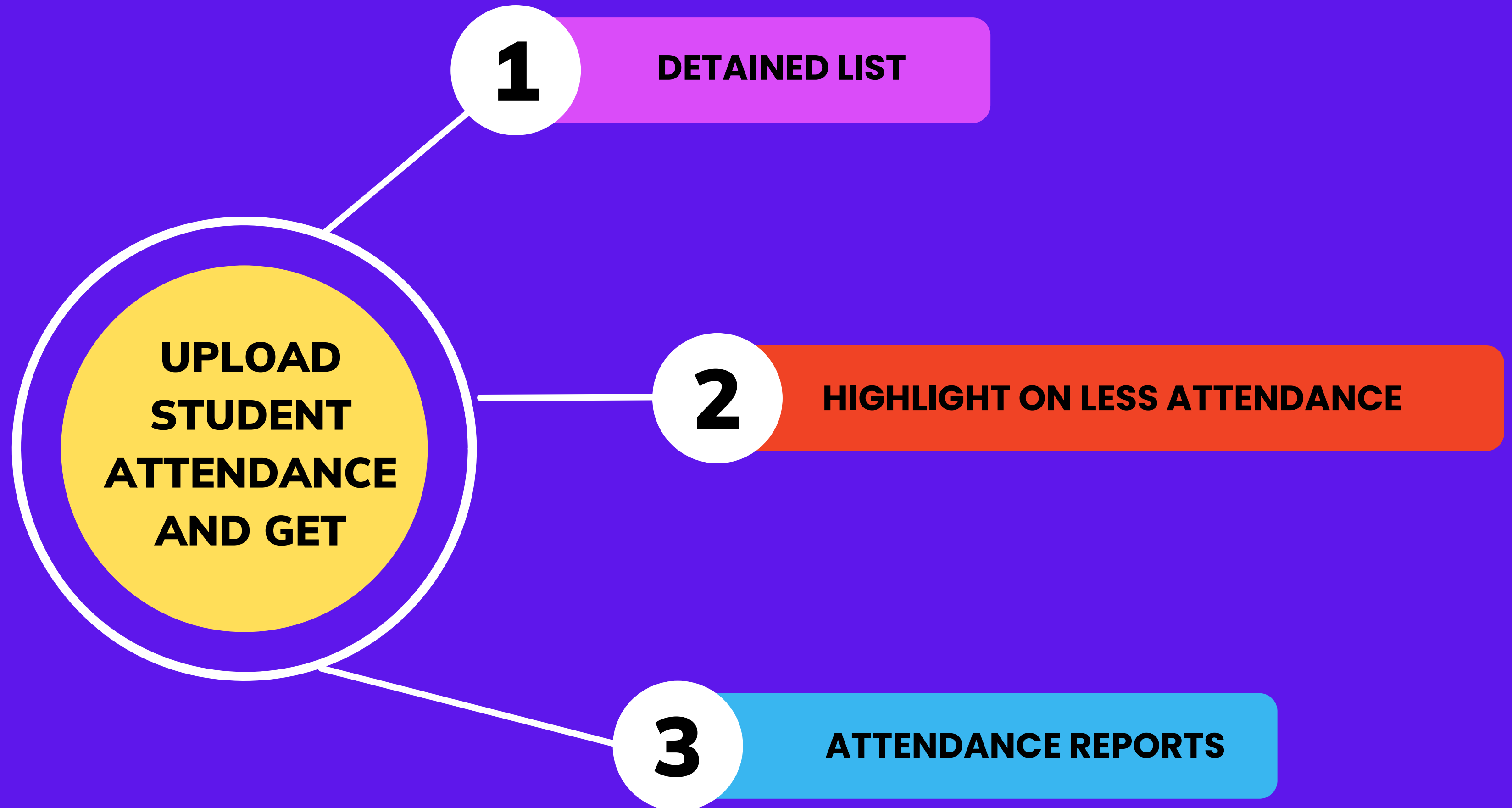


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**THANKS FOR
BEING HERE**





AIM: To write a C program to implement the FCFS scheduling algorithm.

Theory : Given n processes with their burst times, the task is to find average waiting time and average turnaround time using FCFS scheduling algorithm.

First in, first out (FIFO), also known as first come, first served (FCFS), is the simplest scheduling algorithm. FIFO simply queues processes in the order that they arrive in the ready queue.

In this, the process that comes first will be executed first and the next process starts only after the previous gets fully executed.

Here we are considering that arrival time for all processes is 0.

What is Waiting Time and Turnaround Time?

1. Turnaround Time is the time interval between the submission of a process and its completion.

Turnaround Time = completion of a process – submission of a process

2. Waiting Time is the difference between turnaround time and burst time

Waiting Time = turnaround time – burst time

we have assumed arrival times as 0, so turn around and completion times are same

FCFS (Example)

Process	Duration	Oder	Arrival Time
P1	24	1	0
P2	3	2	0
P3	4	3	0

Gantt Chart :



P1 waiting time : 0

P2 waiting time : 24

P3 waiting time : 27

The Average waiting time :

$$(0+24+27)/3 = 17$$

Code:-

```
#include<iostream>
using namespace std;
int main(){
    int i,n;
    cout<<"Enter total Number of Processes: ";
    cin>>n;
    int bt[n],wt[n],ct[n];
    for(i=0;i<n;i++){
        cout<<"Enter Burst Time for Process P"<<i<<": ";
        cin>>bt[i]; }
    wt[0]=0;
    for(i=1;i<=n;i++){
        wt[i]=wt[i-1]+bt[i-1]; }
    for(i=0;i<n;i++){
        ct[i]=wt[i]+bt[i];
    }
    cout<<"Process\t Burst Time \t Waiting Time \t Completion Time \n";
    for(i=0;i<n;i++){
        cout<<"P"<<i<<"\t";
        cout<<bt[i]<<"\t\t"<<wt[i]<<"\t\t"<<ct[i]<<"\t";
        cout<<"\n"; }
}
```

Output:-

```
Enter total Number of Processes: 3
Enter Burst Time for Process P0: 23
Enter Burst Time for Process P1: 3
Enter Burst Time for Process P2: 4
Process   Burst Time   Waiting Time   Completion Time
P0        23           0             23
P1         3          23            26
P2         4          26            30
```

Practical Name :FCFS Algorithm Implementation in C..... Practical No.2.....

Code - (Different Arrival Time)

```

#include<iostream>
using namespace std;
int main(){
    int i,n,j;
    cout<<"Enter total Number of Processes: ";
    cin>>n;
    int bt[n],wt[n],ct[n],art[n];
    for(i=0;i<n;i++){
        cout<<"Enter Burst Time for Process P"<<i<<": ";
        cin>>bt[i];
        cout<<"Enter Arrival Time for Process P"<<i<<": ";
        cin>>art[i]; }
    wt[0]=0;
    for(i=1;i<=n;i++){
        int sum=0;
        for(j=0;j<i;j++){
            sum+=bt[j]; }
        wt[i]=sum-art[i]; }
    for(i=0;i<n;i++){
        ct[i]=wt[i]+bt[i]; }
    cout<<"Process\t Burst Time \t Arrival Time \t Waiting Time \t Execution Time \n";
    for(i=0;i<n;i++){
        cout<<"P"<<i<<"\t";
        cout<<bt[i]<<"\t\t"<<art[i]<<"\t\t"<<wt[i]<<"\t\t"<<ct[i]<<"\t";
        cout<<"\n"; } }

```

Output :-

```

Enter total Number of Processes: 3
Enter Burst Time for Process P0: 23
Enter Arrival Time for Process P0: 0
Enter Burst Time for Process P1: 3
Enter Arrival Time for Process P1: 2
Enter Burst Time for Process P2: 4
Enter Arrival Time for Process P2: 3
Process  Burst Time      Arrival Time      Waiting Time      Execution Time
P0       23                0                0                23
P1        3                2               21               24
P2        4                3               23               27

```

Aim - Study of hardware & Software requirements of various Operating Systems

Theory -

What is an Operating System?

An operating system (OS) is system software that manages computer hardware, software resources, and provides common services for computer programs. For hardware functions such as input and output and memory allocation, the operating system acts as an intermediary between programs and the computer hardware, although the application code is usually executed directly by the hardware and frequently makes system calls to an OS function or is interrupted by it.

Parameters	UNIX	LINUX	Windows XP	Windows 7	Windows 10
RAM	256MB, minimum.	1 GB or greater	64 MB of RAM	1 gigabyte (GB) RAM (32-bit) or 2 GB RAM (64-bit)	1 gigabyte (GB) for 32-bit or 2 GB for 64-bit.
Processor	HP 9000/800	64-bit Opteron, EM64T	233 MHz processor	1 GHz or faster 32-bit or 64-bit processor	2 gigahertz (GHz) or faster processor or SoC.
Disk Space	Minimum of 300MB	500 MB free space	1.5 gb of free hard drive space.	16 GB available hard disk space (32-bit) or 20 GB (64-bit)	16 GB for 32-bit OS or 20 GB for 64-bit OS.
Drivers/Hardware	ODBC Driver	None	SVGA-capable video card.	DirectX 9 graphics device with WDDM 1.0 or higher driver	DirectX 9 or later with WDDM 1.0 driver

Result - Studied and Understood Hardware and Software requirements of various operating systems.



