CALIBRANT
TECHNOLOGY

COLLEGE PROJECT

www.calibrantclasses.in

Introduction : The goal of this project is to develop two modules :

- Fee Payment Module
- Student Resources Module

The details of each module is given below.

Fee Payment Module

❖ **Vision**

To Automate the existing manual fee payment process and onboard it onto a subscription based framework.
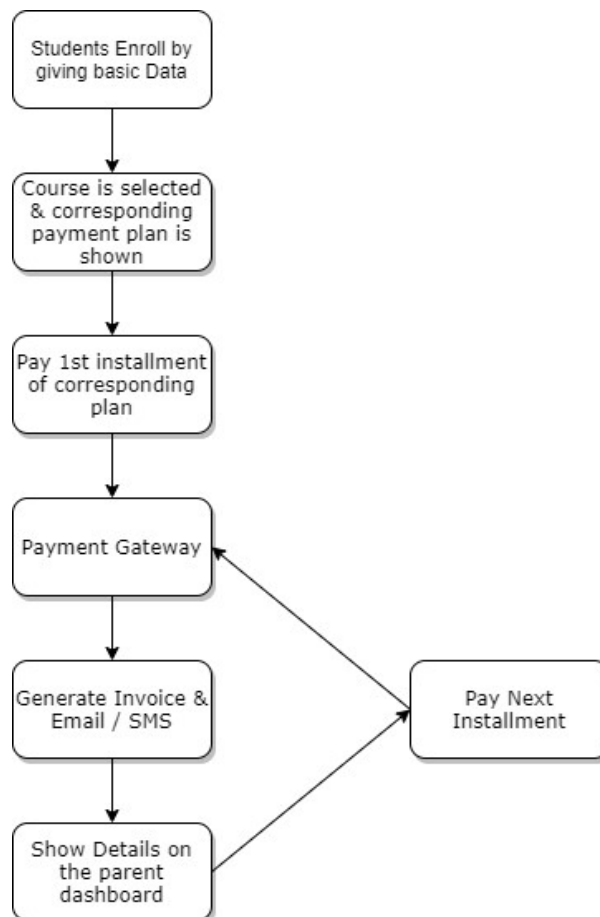
❖ **Technologies**

HTML, CSS, Javascript, PHP &MySql

❖ **Concepts**

Full Stack Development, DBMS, Data Warehousing, Payment Gateway Implementation

❖ **Workflow**

```
┌──────────────────┐
│ Students Enroll by│
│ giving basic Data │
└──────────────────┘
         │
         ▼
┌──────────────────┐
│ Course is selected│
│ & corresponding   │
│ payment plan is   │
│ shown             │
└──────────────────┘
         │
         ▼
┌──────────────────┐
│ Pay 1st installment│
│ of corresponding  │
│ plan              │
└──────────────────┘
         │
         ▼
┌──────────────────┐
│ Payment Gateway   │◄──────┐
└──────────────────┘       │
         │                  │
         ▼                  │
┌──────────────────┐  ┌──────────────┐
│ Generate Invoice &│  │ Pay Next     │
│ Email / SMS       │  │ Installment  │
└──────────────────┘  └──────────────┘
         │                  ▲
         ▼                  │
┌──────────────────┐        │
│ Show Details on   │───────┘
│ the parent        │
│ dashboard         │
└──────────────────┘
```

❖ **Components to be Developed**

1. Enrollment Page
2. Courses & Fee Structure Page
3. Payment Page
4. Payment Gateway Engine & Page
5. Invoice Generating Engine & Page
6. Parent Dashboard

Student Resources Module

❖ **Vision**

Provide all the study material required for 11th& 12th Science students in digital format all in one place.
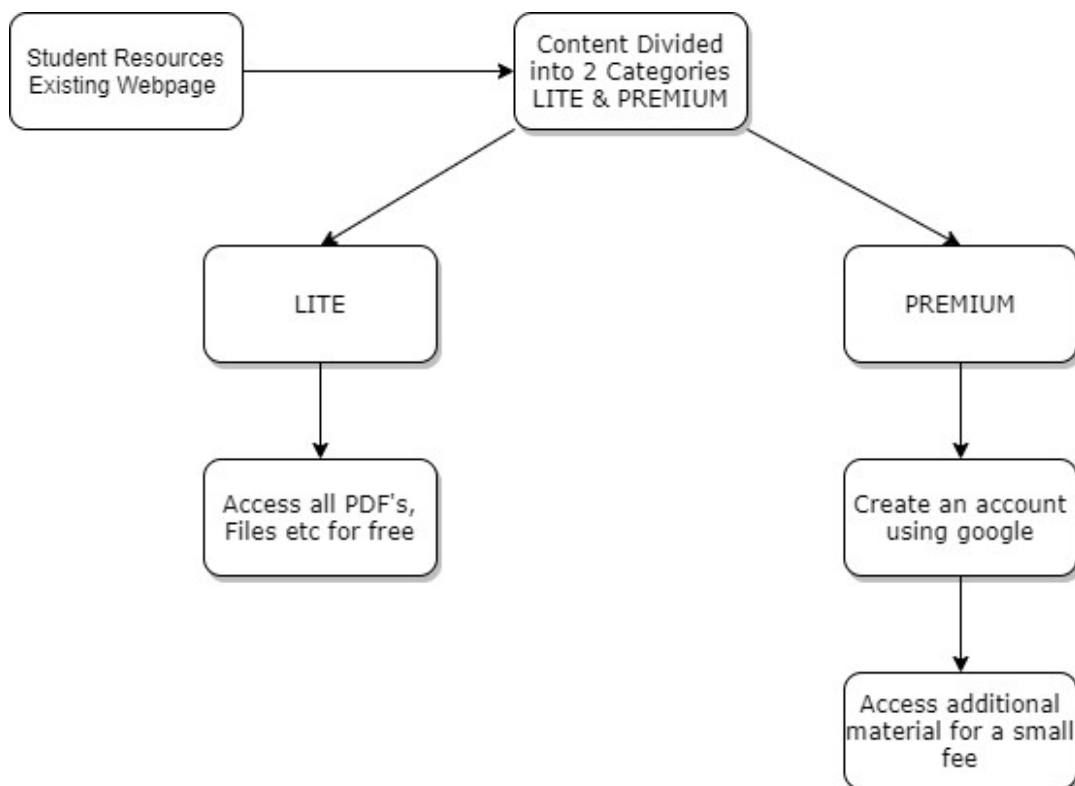
❖ **Technologies**

HTML, CSS, Javascript, PHP &MySql

❖ **Concept**

Full Stack Development, DBMS, Payment Gateway Implementation, Digital Document Copyright Protection

❖ **Workflow**

❖ **Components to be Developed**

1. Student Resources Page (*70% Already developed*)
2. LITE & PREMIUM Content Segregation
3. Account Generation
4. Payment Gateway Integration

Project Details

❖ **Reporting Manager** : Prof. Gaffney Mendonsa

(*Director – Calibrant Classes Pvt. Ltd*)

❖ **Development Team** : 1) Jaimin Solanki

2) Alvin Solomon

3) Rohan Tondlekar

4) Keegan Vaz

❖ **Engineering College** : St. Francis Institute of Technology

❖ **Project Duration** **:** 6 months