

* Problem Statement Breakdown *

"Student Performance Analysis for Emerging Technologies"

1] Department Wise (AIML & AIDS)

2] Parameters (Students) :

i. CAE-I / CAE-II

ii. TAE-I / TAE-II / TAE-III

iii. Attendance

3] Features :

i. Student Dashboard

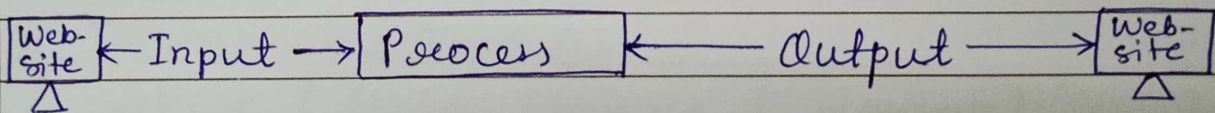
ii. Certifications

iii. Student Profile

iv. CGPA & SGPA calculator

v. Faculty Portal

* Work Flow Diagram *



1. CAE-Marks

2. TAE-Marks

3. Attendance

4. Certification (Students)

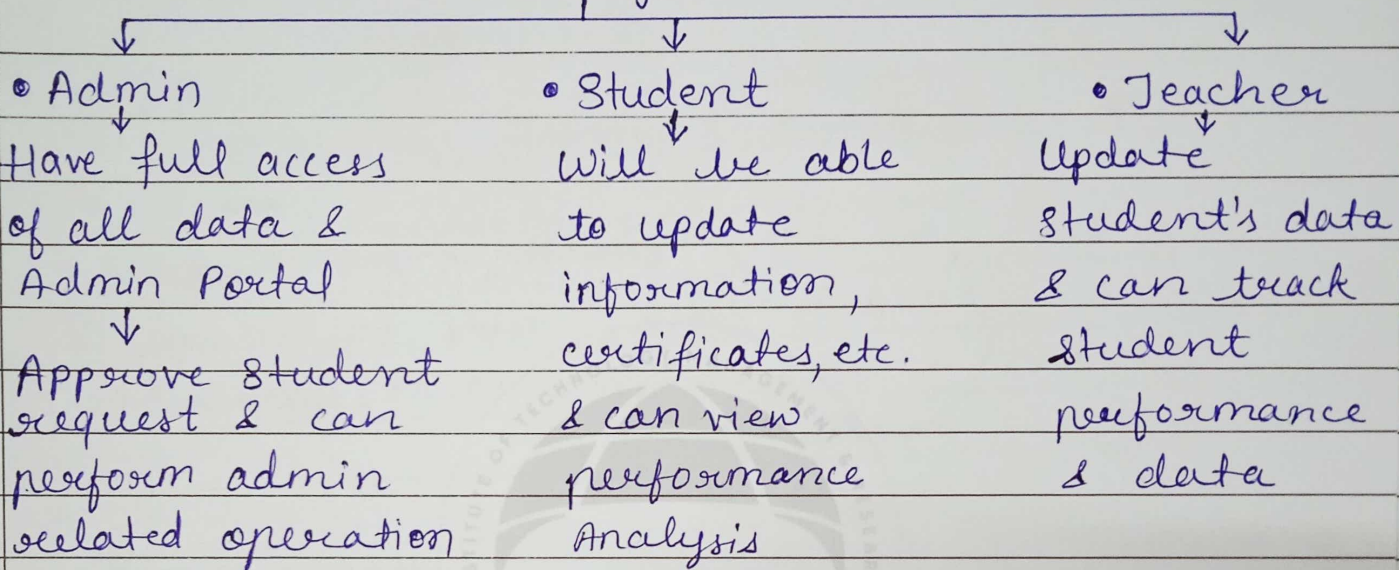
1. Analysis

1. Dashboard

2. Student Profile

* Diagrammatic Representation *

Student Performance Analysis for Emerging Technologies [Let's Progress]



* Technological Stack *

1. Power BI [Data Visualisation]
2. SQL / MongoDB [Database Management]
3. Python [Dashboard designing + some Libraries]
4. HTML, CSS, Javascript, Bootstrap OR React [Frontend]
5. Firebase [Data storing & Hosting]